



2017

Touch Panel
Computers



FANLESS TOUCH PANEL PC

STAINLESS TOUCH PANEL PC

INDUSTRIAL PANEL PC

Industrial TOUCH MONITOR

MEDICAL PANEL PC

OPEN FRAME PANEL PC

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Axiomtek Touch Panel Computers for Various Applications

Total Solution

Axiomtek has been working with customers from various industries for years and we fully understand market demands and requirements. Based on our ample experience, we have incorporated valuable features and applied the latest technology into our touch panel computers to help our customers achieve the highest performance possible by providing a range of products catered toward today's highly competitive market.

Infotainment/Kiosk Application - GOT5000 series

The GOT5000 series is extremely light weight, has fanless operation, ultra slim and modern ID features for small-size infotainment application. Having adopt Intel® Atom™ processor N2600/D2550, Intel® Celeron® J1900 or N3060 processor, this series delivers superior computing capabilities and energy efficiency and minimizes footprint. For human machine interface application, it incorporates resistive-type touchscreen to be accessible even users wear gloves. For anti-scratch application, it supports capacitive-type touchscreen with 90% light transmission which makes the screen clearer.

Harsh Environment Application - GOT800 series

The GOT800 series is specifically designed for harsh operating environments such as: severe outdoor elements (extreme sunny or rainy day); dusty or wet spaces in food factories or kitchens; ships exposed to ocean salt water and many more. This series integrated an IP66-rated housing with sunlight readable technology, wide operating temperature from -20°C to +55°C and an optional 802.11a/b/g/n wireless support.

Rolling Stock Application - GOT700/GOT600 Series

The GOT700 series is used to keep the train driver informed about the status of the train's functions. Its design allows it to be deployed in environment with an extended temperature (-25°C to +70°C) and it also complies with the EMC, shock and vibration test requirements of European standard EN50155 for railway applications. GOT710-837 10.4" TFT display has a ruggedized touch panel. IP65 front bezel design and all lockable connectors are perfect choice for Human Machine Interface (HMI) in railway environments. GOT710-837 includes a comprehensive feature set with one CAN Bus, DIO, audio, two Ethernet ports, USB ports and RS-232/422/485.

Industrial Automation Application - GOT3000/P1000/P6000 series

The GOT3000 series delivers solution that is capable of meeting the needs of the industrial automation market. It features wide range operating temperatures from -20°C to +55°C, low power Intel or AMD processor, anti-vibration design, high brightness display and IP65 compliant front bezel. The P1000 series helps customers reduce time-to-market for the automation industry by featuring extremely rugged panel, flexibility with CPU selection, cost effectiveness, slim/expandable designs, anti-corrosion front bezel and vibration resistance up to 1Grms. The P6000 series industrial flat panel monitors comes in 10.4", 12.1", 15", 17" and 19", and features high brightness TFT LCD's, water/dust-proof front panels and light-duty aluminum panels/chassis. This series supports multi-signal interfaces including DVI/VGA/S-Video/Video or HDMI/DP/DVI.

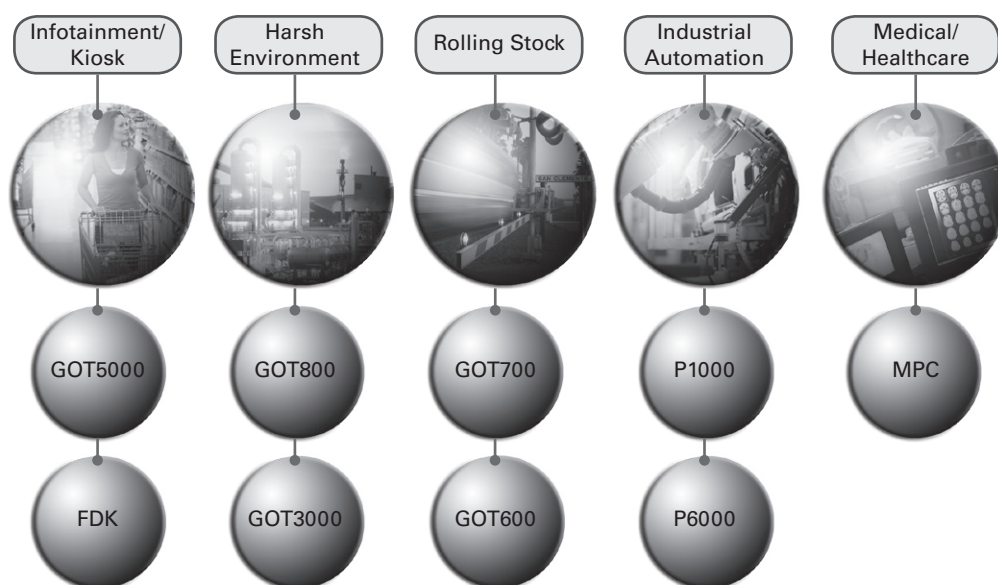
Kiosk Information Station - FDK series

Axiomtek's FDK series is an open frame LCD panel computer with outstanding configuration flexibility to help system integrators with configuring kiosk PCs. To easily fit into any space or to be encased into any chassis, the FDK series comes with open frame and slim design. For versatile applications, several touchscreen options are available to offer different viewer experiences. The brightness adjustment control is hidden from public view but still accessible for easy maintenance. For Wi-Fi & 4G connection, this slim unit incorporates Mini Card slot for expansion capability. The FDK series can be widely deployed for indoor kiosk, HMI automation, and much more applications.

Medical/Healthcare Application - MPC series

Axiomtek's medical touch panel computers (MPC series), are well-suited for applications like medical image processing, medical measuring instrument and mobile nursing cart. The MPC series deliver features such as power efficiency, sleek ID, IP65-rated front panel & IPX1-rated enclosure water/dust-proof design and operating without making any noise. They comply with ISO 13485: 2003, UL 60601-1/EN 60601-1, CE, and FCC Class B certifications to ensure operation safety.

Segment VS. Product Line





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Fanless Touch Panel Computers

Axiomtek provides a complete range of industrial panel computers and monitors for automation and infotainment applications. Ultra slim, extremely light and modernly designed, the power-efficient GOT5000 offers fanless operation, focusing on information display market.

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Fanless Touch Panel Computers

GOT5000 Series for HMI/Kiosk/Infotainment

The GOT5000 series is specifically designed for HMI (human machine interface) applications. Incorporating low power consumption Intel® processor and with a ultra slim housing makes this series a cost-effective and state-of-art fanless touch panel computer. It comes in various LCD display sizes ranging from 8.4" to 15.6" and a compact design. The GOT5000 series is a perfect HMI platform for public infotainment system and information display in factory/building automation fields.

This series provides 2 PCIe Mini card slot (s) and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use LAN/GPRS/GPS/4G.

Major Features



▲ Industrial automation



▲ Varied sizes of 8.4", 10.1", 10.4", 12.1", 15" and 15.6"



▲ Cost-effective solution



▲ Super lightweight



▲ Rich IO connectivity



▲ Wireless connection Wi-Fi/BT/4G



▲ IP65 front panel design



▲ Flexible mounting ways:
Desktop/Panel/Wall/VESA

Fanless Touch Panel Computers

Selection Guide



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Features/Models	GOT5153W-834	GOT5152T-834
CPU Level	Intel® Celeron® processor J1900	Intel® Celeron® processor J1900
Chipset	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
Display	15.6" WXGA TFT, 300 nits	15" XGA TFT, 400 nits
I/O	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x VGA	3 x RS-232/422/485 (COM 1/2/3) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive type	5-wire resistive type
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	9~36 VDC 100~240 VAC, 60W adapter	9~36 VDC 100~240 VAC, 60W adapter
Power Consumption	36 W	36 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")
Weight (net/gross)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE



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Selection Guide



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Features/Models	GOT5120T-316	GOT5120T-845	GOT5120T-834
CPU Level	Intel® Pentium® processor N4200 (up to 2.5 GHz)	Intel® Celeron® processor N3060 (up to 2.48 GHz)	Intel® Celeron® processor J1900
Chipset	SoC Integrated	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin DDR3L-1866 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1866 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
Display	12.1" XGA TFT, 500 nits 12.1" SVGA TFT, 450 nits	12.1" XGA TFT, 500 nits 12.1" SVGA TFT, 450 nits	12.1" XGA TFT, 500 nits 12.1" SVGA TFT, 450 nits
I/O	1 x RS-232 (COM 2) 1 x RS-232-422-485 (COM 1) 1 x HDMI 1 x 8-bit DIO port (programmable, DB9) 1 x switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x audio (Line-out) 2 x 10/100/1000 Mbps Ethernet	1 x RS-232 (COM 2) 1 x RS-232-422-485 (COM 1) 1 x HDMI 1 x 8-bit DIO port (programmable, DB9) 1 x switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x audio (Line-out) 2 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive touch	5-wire resistive touch	5-wire resistive type
Operating System	Windows® 10 (64-bit)	Windows® 7, Windows® 8.1 (64-bit), Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	24 VDC 100~240 VAC, 60W adapter	24 VDC 100~240 VAC, 60W adapter	9~36 VDC 100~240 VAC, 60W adapter
Power Consumption	TBD	34 W	32 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	327.5 x 52.5 x 261.8 mm (12.9" x 2.07" x 10.3")	327.5 x 52.5 x 261.8 mm (12.9" x 2.07" x 10.3")	327.5 x 52.5 x 261.8 mm (12.9" x 2.07" x 10.3")
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE	CE



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Features/Models	GOT5100T-316	GOT5100T-845	GOT5100T-834
CPU Level	Intel® Pentium® processor N4200 (up to 2.5 GHz)	Intel® Celeron® processor N3060 (up to 2.48 GHz)	Intel® Celeron® processor J1900
Chipset	SoC Integrated	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin DDR3L-1866 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1866 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
Display	10.4" XGA TFT, 350 nits 10.4" SVGA TFT, 400 nits	10.4" XGA TFT, 350 nits 10.4" SVGA TFT, 400 nits	10.4" XGA TFT, 350 nits 10.4" SVGA TFT, 400 nits
I/O	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out)
Storage	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operating System	Windows® 10 (64-bit)	Windows® 7, Windows® 8.1 (64-bit), Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	24 VDC 100-240 VAC, 60W adapter	24 VDC 100-240 VAC, 60W adapter	9-36 VDC 100-240 VAC, 60W adapter
Power Consumption	TBD	32 W	32 W
Watchdog Timer	255 levels, 0-255 sec.	255 levels, 0-255 sec.	255 levels, 0-255 sec.
Dimensions (W x D x H)	292.5 x 45.8 x 235.8 mm (11.52" x 1.80" x 9.28")	292.5 x 45.8 x 235.8 mm (11.52" x 1.80" x 9.28")	292.5 x 45.8 x 235.8 mm (11.52" x 1.80" x 9.28")
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE	CE



Fanless Touch Panel Computers

Selection Guide



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Features/Models	GOT5103W-316	GOT5103W-845
CPU Level	Intel® Pentium® processor N4200 (up to 2.5 GHz)	Intel® Celeron® processor N3060 (up to 2.48 GHz)
Chipset	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin DDR3L-1866 GHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB
Display	10.1" WXGA TFT, 350 nits	10.1" WXGA TFT, 350 nits
I/O	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch
Storage	1 x Half-slim SATA SSD (optional) 1 x mSATA	1 x Half-slim SATA SSD (optional) 1 x mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch
Operating System	Windows® 10 (64-bit)	Windows® 10, Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	24 VDC (optional) 100~240 VAC, 60W power adapter	24 VDC (optional) 100~240 VAC, 60W power adapter
Power Consumption	TBD	40.32 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	260.8 x 38 x 194.1 mm (10.27" x 1.50" x 7.65")	260.8 x 38 x 194.1 mm (10.27" x 1.50" x 7.65")
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE



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Features/Models	GOT5840T-316	GOT5840T-845	GOT5840T-834
CPU Level	Intel® Pentium® processor N4200 (up to 2.5 GHz)	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)	Intel® Celeron® processor J1900
Chipset	SoC Integrated	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin DDR3L-1866 GHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
Display	8.4" SVGA TFT, 350 nits	8.4" SVGA TFT, 350 nits	8.4" SVGA TFT, 350 nits
I/O	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Audio (Line-out) 1 x Switch for power on/off
Storage	1 x mSATA	1 x mSATA	1 x CFast™ or mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operating System	Windows® 10 (64-bit)	Windows® 10, Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	9~36 VDC 100~240 VAC, 60W power adapter	24 VDC (optional) 100~240 VAC, 60W power adapter	9~36 VDC 100~240 VAC, 60W power adapter
Power Consumption	TBD	25 W	25 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	250.7 x 45.8 x 204.7 mm (9.87" x 1.80" x 8.06")	250.7 x 45.8 x 204.7 mm (9.87" x 1.80" x 8.06")	250.7 x 45.8 x 204.7 mm (9.87" x 1.80" x 8.06")
Weight (net/gross)	1.3 kg (2.87 lb)/2.25 kg (4.96 lb)	1.3 kg (2.87 lb)/2.25 kg (4.96 lb)	1.3 kg (2.87 lb)/2.25 kg (4.96 lb)
Operating Temperature	0° ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE	CE

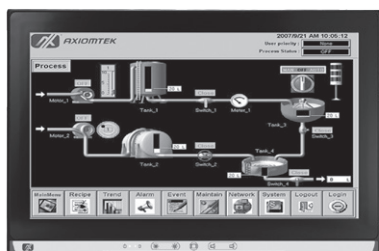


GOT5153W-834

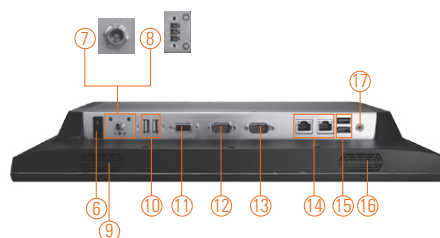
15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

Features

- 15.6" WXGA wide screen TFT LCD display with LED backlight
- 15.6" projected capacitive touch or 5-wire flat resistive touch
- Fanless design with Intel® Celeron® processor J1900
- 2.5" SATA HDD & CFast™ or mSATA
- 2 Gigabit LAN, 4 USB, 2 COM ports and speakers
- IP65 front bezel and IPX1 full enclosure
- Supports optional wall mount/VESA arm/desktop stand
- Supports optional RFID or smart card reader



▲ CFast™ cover



- | | | |
|-------------------------------------|------------------------------------|----------------------------|
| 1. Power LED | 6. Power switch (ATX) | 12. COM 1 (RS-232/422/485) |
| 2. HDD LED | 7. Power input connector (Screw) | 13. COM 2 (RS-232/422/485) |
| 3. Brightness adjust +/- (optional) | 8. Power input connector (Phoenix) | 14. Ethernet x 2 |
| 4. Display on/off (optional) | 9. Speaker | 15. USB 3.0 x 2 |
| 5. Volume adjust (optional) | 10. USB 2.0 x 2 | 16. Speaker |
| | 11. VGA | 17. Audio (Line-out) |



Introduction

The GOT5153W-834 is a 15.6" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 15.6" TFT LCD as well as Intel® Celeron® processor J1900 4 cores (Bay Trail). For wireless network connection, the GOT5153W-834 offers 2 PCI Express Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9-36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

The GOT5153W-834 is slim and lightweight which make it fit for limited space installation.

Built-in Internal WLAN Antenna

The GOT5153W-834 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5153W-834 in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys (optional)

The GOT5153W-834 provides 5 optional membrane keys in front of system, people can adjust the system display, volume and brightness.

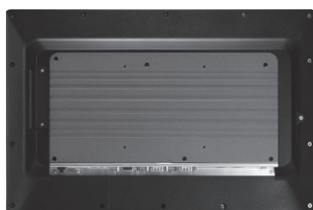
Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4 cores
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

Specifications

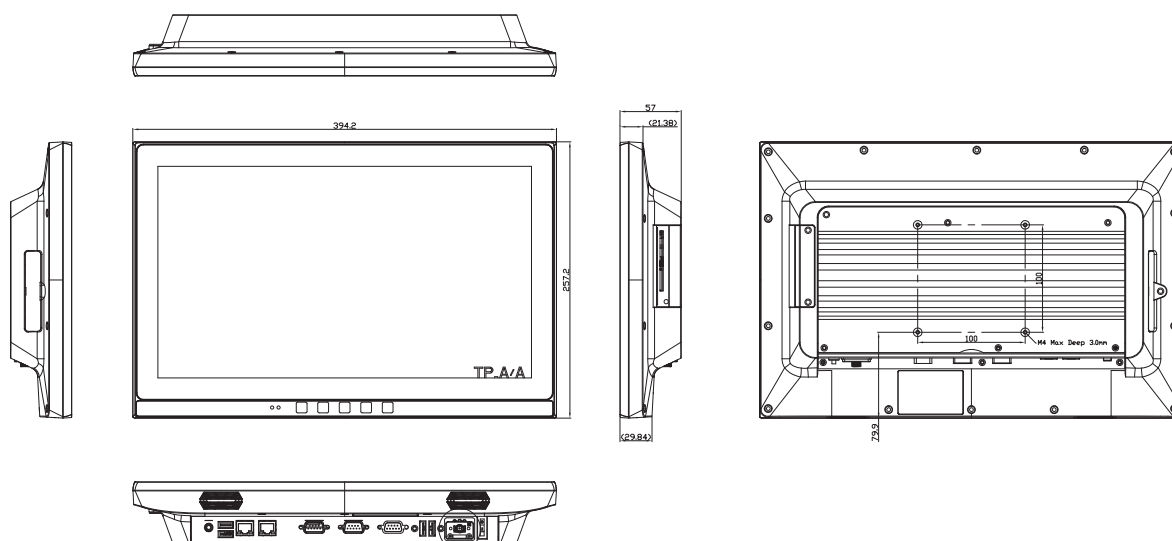
I/O Connector	2 x RS-232/422/485 (default RS-232, COM 1/2) 1 x Switch for power on/off 2 x USB 2.0 2 x USB 3.0 1 x VGA 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch
Power Supply	1. DC version: 9-36 VDC with over-current protection fuse 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	36 W
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)
Packing Dimensions	510 mm (20.09") x 190 mm (7.48") x 540 mm (21.26")
Weight (net/gross)	3.0 kg (6.61 lb)/ 4.5 kg (9.92 lb)
Environment	Operating temperature: 0°C ~ +45°C (32°F ~ +113°F) w/RAM thermal kit Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.



▲ Rear view

Dimensions



Phoenix plug for DC version



DIN-jack for AC version

* All specifications and photos are subject to change without notice.

Ordering Information

GOT5153W-834-PCT-J	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-FR-J	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-PCT-DC	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, and 9-36 VDC power input (terminal block connector)
GOT5153W-834-FR-DC	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, and 9-36 VDC power input (terminal block connector)
GOT5153W-834-PCT-J w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, w/o membrane keys, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-FR-J w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, w/o membrane keys, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-PCT-DC w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, w/o membrane keys, 9-36 VDC power input (terminal block connector)
GOT5153W-834-FR-DC w/o OSD	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, w/o membrane keys, 9-36 VDC power input (terminal block connector)

Optional EOS Installation

WES7

WE8S

Optional OS Installation

Windows® 7

Windows® 8.1



GOT5152T-834

15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

Features

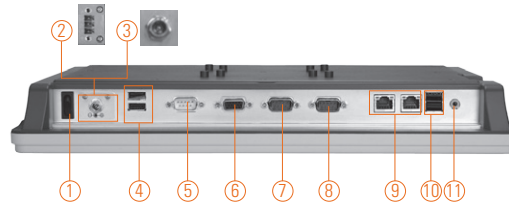
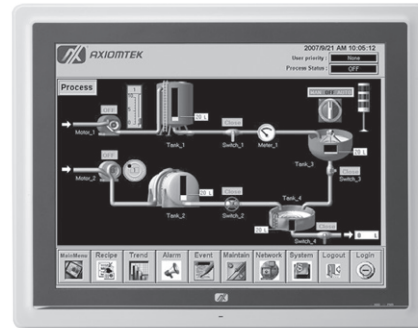
- 15" XGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor J1900
- WLAN module and internal antenna
- 2 Gigabit LANs, 4 USB and 3 COM ports
- PCI Express Mini Card for easy expansion
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- Supports RFID (optional)
- Plastic and IP65-rated front bezel



▲ Side view



▲ CFast™ slot with protective cover



1. Power switch (ATX)
2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter
3. Screw conn. w/ AC power adapter
4. USB 2.0 x 2
5. COM 3 (RS-232/422/485)
6. VGA
7. COM 1 (RS-232/422/485)
8. COM 2 (RS-232/422/485)
9. Ethernet x 2
10. USB 3.0 x 2
11. Audio (Line-out)



Introduction

Axiomtek GOT5152-834 utilizes the fanless technology with Intel® J1900 quad cores CPU. Running Windows or Linux, this panel system provides great performance for many commercial and industrial applications. This slim design incorporates a 15" 420 nits LCD display providing a bright XGA (1024 x 768) touch screen. Wireless communications is supported with a built-in antenna within the bezel, ready for your choice of optional PCI Express Mini Card. There are two choices for powering the unit, Class B that includes an external AC to DC power brick with screw-on power connector, or Class A with no power brick, providing a Phoenix style DC connector (9-36VDC). Using an all industrial-grade IP-65 rated design, weighted 7 to 11 lbs (depending on configuration), this 15" fanless touch panel computer provides an attractive cost, low power, high performance, reliable quality, slim size and low weight, all new for more demanding applications.

Super Slim & Ultra Light Weight Design

The GOT5152T-834 is a super slim touch panel computer for space-limited environment with its thickness of 54.6 mm and weight of 3.2 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5152T-834 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN cards, customers can use the GOT5152T-834 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5152T-834 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel
LCD Panel	Display Type 15" XGA TFT LCD with LED backlight
	Brightness (cd/m ²) 420 nits
	Resolution 1024 x 768
	Viewing Angel (H/V) 160°/140°
Main System	CPU Intel® Celeron® processor J1900 4 cores
	System Memory 1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS AMI UEFI BIOS
	Storage 1 x 2.5" SATA HDD 1 x CFast™ or mSATA
	Watchdog Timer 255 levels, 0~255 sec.
	Onboard Graphics Integrated in Intel® GFX

Specifications

I/O Connector	3 x RS-232/422/485 (default RS-232, COM 1/2/3) 1 x VGA 1 x Audio (Line-out) 2 x USB 2.0 2 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Input	1. DC version: 9-36 VDC with over-current protection fuse 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	36 W
Dimensions	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D) x 307.7 mm (12.11") (H)
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)
Weight (net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0°C ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5 ~ 500 Hz, random for CFast™
Certificate	CE

* Specification and certifications are based on options and may vary.

** W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT5152T-834-J	15" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector), and EMI class B
GOT5152T-834-DC	15" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, and 9-36 VDC power input (terminal block connector)

* Specification and certifications are based on options and may vary.

Optional EOS Installation

WES 7

WE8S

Optional OS Installation

Windows® 7

Windows® 8.1

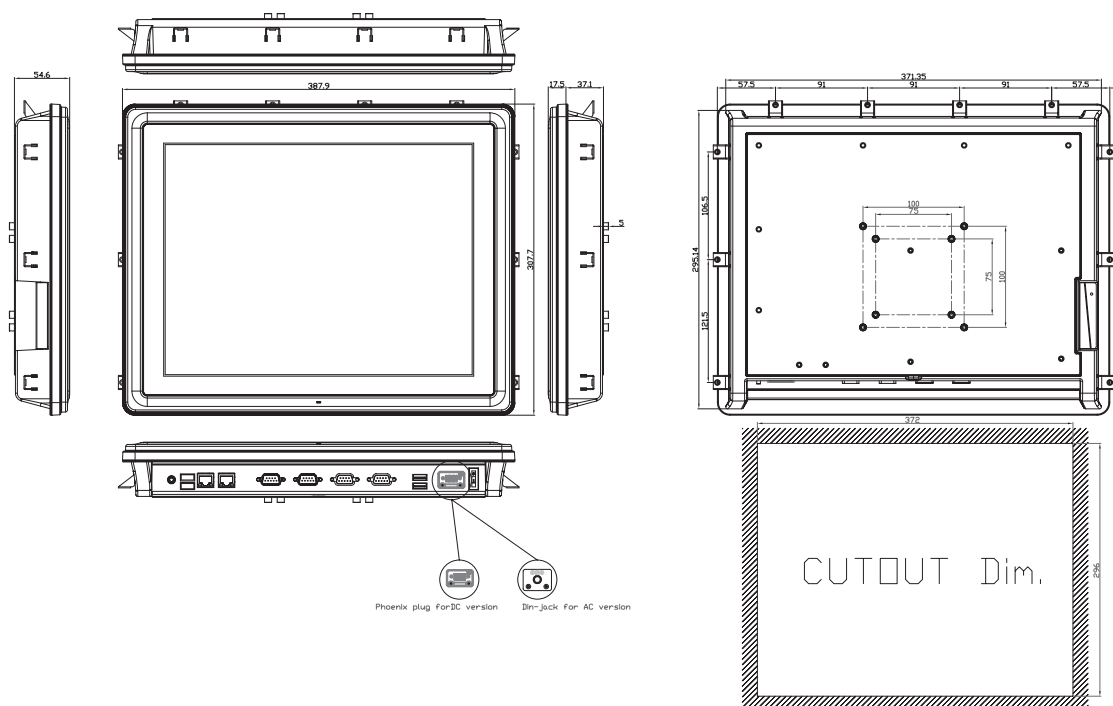


▲ Desktop stand



▲ AC power adapter
(GOT5152T-834-J)

Dimensions



GOT5120T-316 NEW

12.1" SVGA/XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N4200

Features

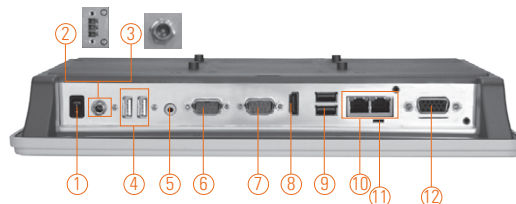
- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Pentium® processor N4200
- 2.5" SATA SSD and mSATA with easy access design
- 2 Gigabit LANs, 4 USB, 2 COM ports and optional speakers
- IP65 front bezel design
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- External AT/ATX mode selectable switch
- Supports RFID (optional)
- Adjust RS-232/422/485 setting via BIOS



▲ Side view



▲ Desktop stand



- | | |
|---------------------------------------|--|
| 1. Power switch (ATX) | 7. COM 2 (RS-232) |
| 2. Terminal block for DC power input | 8. HDMI |
| or 3. Screw conn. w/ AC power adapter | 9. USB 3.0 x 2 |
| 4. USB 2.0 x 2 | 10. Ethernet (RJ-45) |
| 5. Audio (Line-out) | 11. AT/ATX selectable switch |
| 6. COM 1 (RS-232/422/485) | 12. 8-bit DIO port (programmable, DB9) |



Introduction

The GOT5120T-316 is a 12.1" Intel® Pentium®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Pentium® processor N4200, up to 2.5 GHz. For wireless network connection, the GOT5120T-316 offers 2 PCI Express Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

The GOT5120T-316 is slim and lightweight which make it fit for limited space installation.

Built-in Internal WLAN Antenna

The GOT5120T-316 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5120T-316 in wireless LAN/GPRS/GPS/4G environment.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-316 can dissipate the heat easily and keep stable operation of the system.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	12.1" XGA/SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	500 nits (XGA) 450 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
Main System	CPU	Intel® Pentium® processor N4200 4 cores (up to 2.5 GHz)
	System Memory	1 x 204-pin DDR3L-1866 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232-422-485 (default RS-232, COM 1) 1 x HDMI 1 x 8-bit DIO port (programmable, DB9) 1 x switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	5-wire resistive touch
Power Supply	1. DC version: 24 VDC over current protection fuse (optional) or 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	30 W
Dimensions	327.5 mm (12.9") (W) x 52.5 mm (2.07") (D) x 261.8 mm (10.3") (H)
Packing Dimensions	455 mm (17.91") (W) x 105 mm (4.13") (D) x 340 mm (13.39") (H)
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for SSD
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT5120T-316-J	12.1" SVGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5120T-316-24VDC	12.1" SVGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen, 24 VDC power input (terminal block connector)
GOT5120T-316-XGA-J	12.1" XGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5120T-316-XGA-24VDC	12.1" XGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)

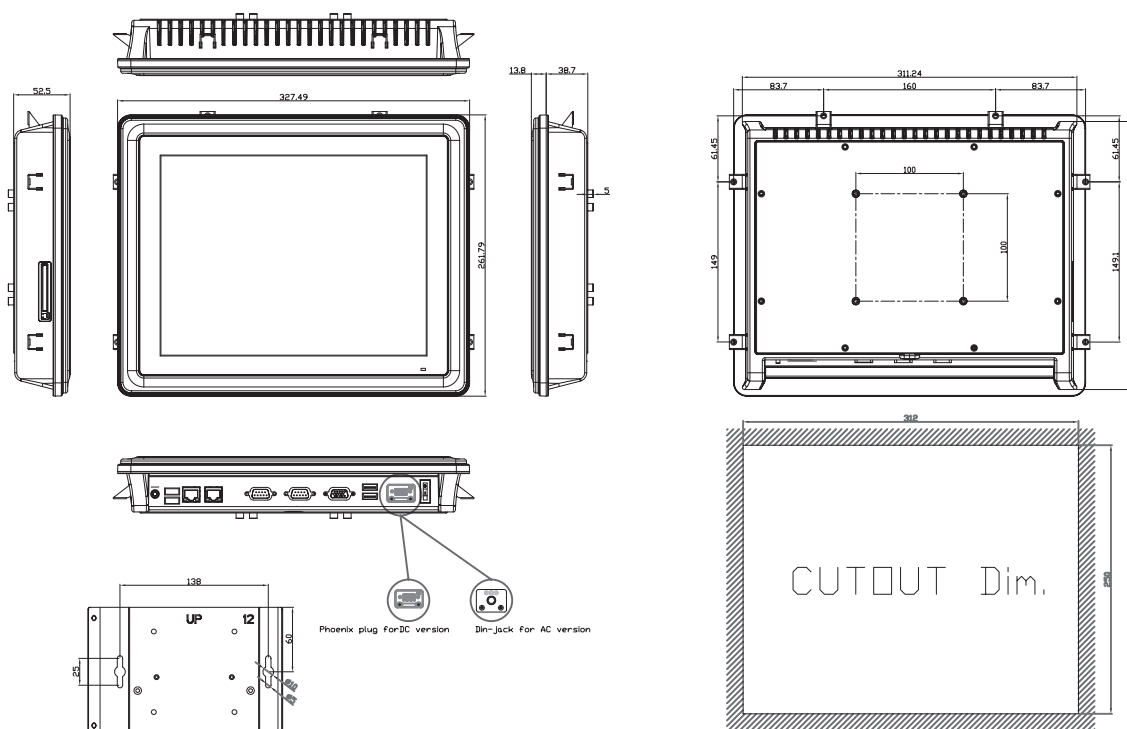
Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Stand kit
Speaker kit
RFID kit

Optional OS Installation

Windows® 10 (64 bit)

Dimensions



GOT5120T-845 NEW

12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060

Features

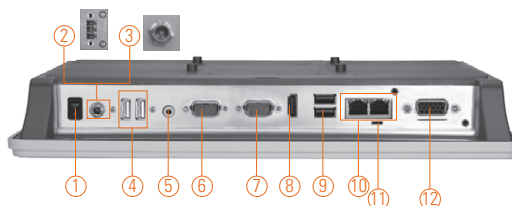
- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060 (up to 2.48 GHz)
- 2.5" SATA SSD and mSATA with easy access design
- 2 Gigabit LANs, 4 USB, 2 COM ports and optional speakers
- IP65 front bezel design
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- External AT/ATX mode selectable switch
- Supports RFID (optional)
- Adjust RS-232/422/485 setting via BIOS



▲ Side view



▲ Desktop stand



- | | |
|--|--|
| 1. Power switch (ATX) | 7. COM 2 (RS-232) |
| 2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter | 8. HDMI |
| 4. USB 2.0 x 2 | 9. USB 3.0 x 2 |
| 5. Audio (Line-out) | 10. Ethernet (RJ-45) |
| 6. COM 1 (RS-232/422/485) | 11. AT/ATX selectable switch |
| | 12. 8-bit DIO port (programmable, DB9) |



Introduction

The GOT5120T-845 is a 12.1" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Celeron® processor N3060 2 cores up to 2.48 GHz. For wireless network connection, the GOT5120T-845 offers 2 PCI Express Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

The GOT5120T-845 is slim and lightweight which make it fit for limited space installation.

Built-in Internal WLAN Antenna

The GOT5120T-845 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5120T-845 in wireless LAN/GPRS/GPS/4G environment.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-845 can dissipate the heat easily and keep stable operation of the system.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	12.1" XGA/SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	500 nits (XGA) 450 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232-422-485 (default RS-232, COM 1) 1 x HDMI 1 x 8-bit DIO port (programmable, DB9) 1 x switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	5-wire resistive touch
Power Supply	1. DC version: 24 VDC over current protection fuse (optional) or 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	34 W
Dimensions	327.5 mm (12.9") (W) x 52.5 mm (2.07") (D) x 261.8 mm (10.3") (H)
Packing Dimensions	455 mm (17.91") (W) x 105 mm (4.13") (D) x 340 mm (13.39") (H)
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for SSD
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT5120T-845-J	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5120T-845-24VDC	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)
GOT5120T-845-XGA-J	12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5120T-845-XGA-24VDC	12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Stand kit
Speaker kit
RFID kit

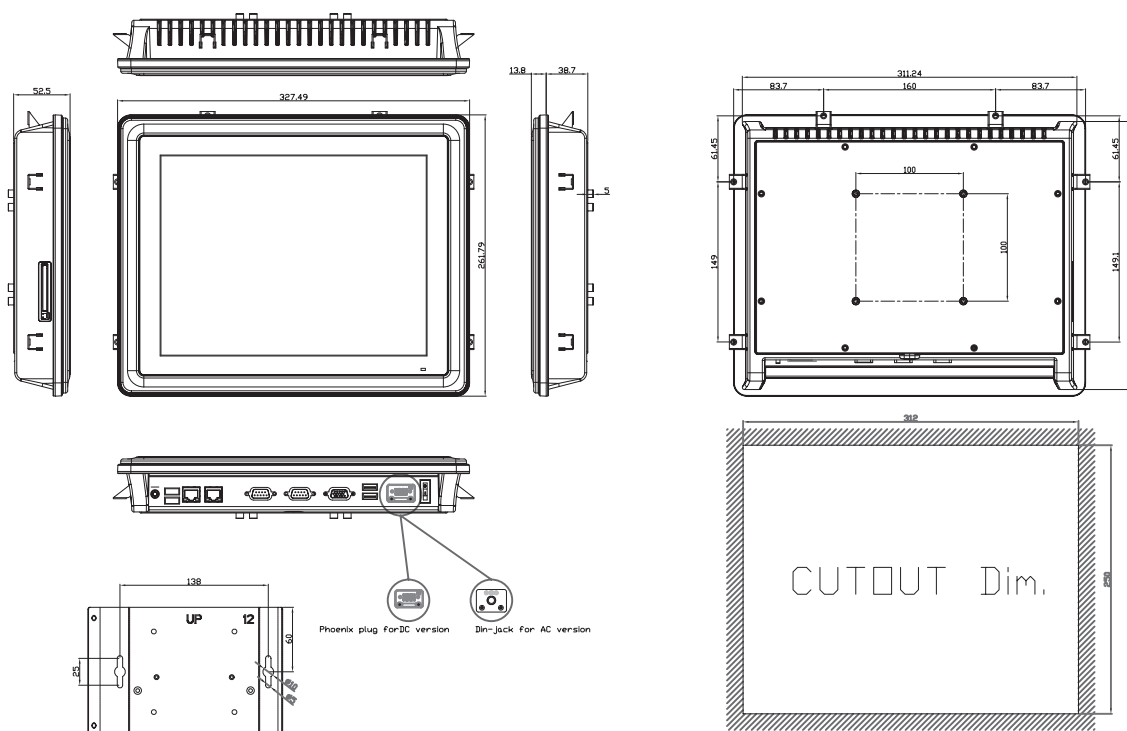
Optional EOS Installation

WES7
WE8S (64-bit)

Optional OS Installation

Windows® 7
Windows® 8.1 (64-bit)
Windows® 10

Dimensions



GOT5120T-834

12.1" XGA/SVGA TFT Fanless Touch Panel with Intel® Celeron® Processor J1900

Features

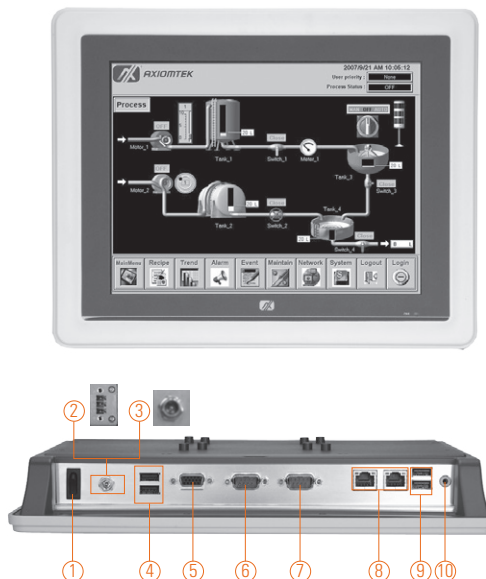
- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor J1900
- WLAN module and internal antenna
- 2 Gigabit LAN, 4 USB and 2 COM ports
- PCI Express Mini Cards for easy expansion
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- Supports speakers (optional)
- Plastic and IP65-rated front bezel



▲ Side view



▲ Desktop stand



1. Power switch (ATX)
2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter
4. USB 2.0 x 2
5. VGA
6. COM 1 (RS-232/422/485)
7. COM 2 (RS-232/422/485)
8. Ethernet x 2
9. USB 3.0 x 2
10. Audio (Line-out)



Introduction

The GOT5120T-834 is a 12.1" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Celeron® processor J1900 4 cores. For wireless network connection, the GOT5120T-834 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9-36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5120T-834 is a super slim touch panel computer for space-limited environment with its thickness of 52 mm and weight of 2.4 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5120T-834 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5120T-834 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-834 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	12.1" XGA/SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	500 nits (XGA) 450 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Viewing Angel (H/V)	160°/140°
	Viewing Distance	1.5m ~ 10m
Main System	CPU	Intel® Celeron® processor J1900 4 cores
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, CO M1/2) 1 x VGA 1 x Audio (Line-out) 2 x USB 2.0 2 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Input	1. DC version: 9-36 VDC with over-current protection fuse 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	32 W
Dimensions	327.5 mm (12.9") (W) x 52.5 mm (2.07") (D) x 261.8 mm (10.3") (H)
Packing Dimensions	455 mm (17.91") (W) x 105 mm (4.13") (D) x 340 mm (13.39") (H)
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0°C ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for CFast™
Certificate	CE

* Specification and certifications are based on options and may vary.

** W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT5120T-834-J	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5120T-834-DC	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36 VDC power input (terminal block connector)
GOT5120T-834-XGA-J	12.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5120T-834-XGA-DC	12.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36 VDC power input (terminal block connector)

* Specification and certifications are based on options and may vary.

Optional EOS Installation

WE8S

WES 7

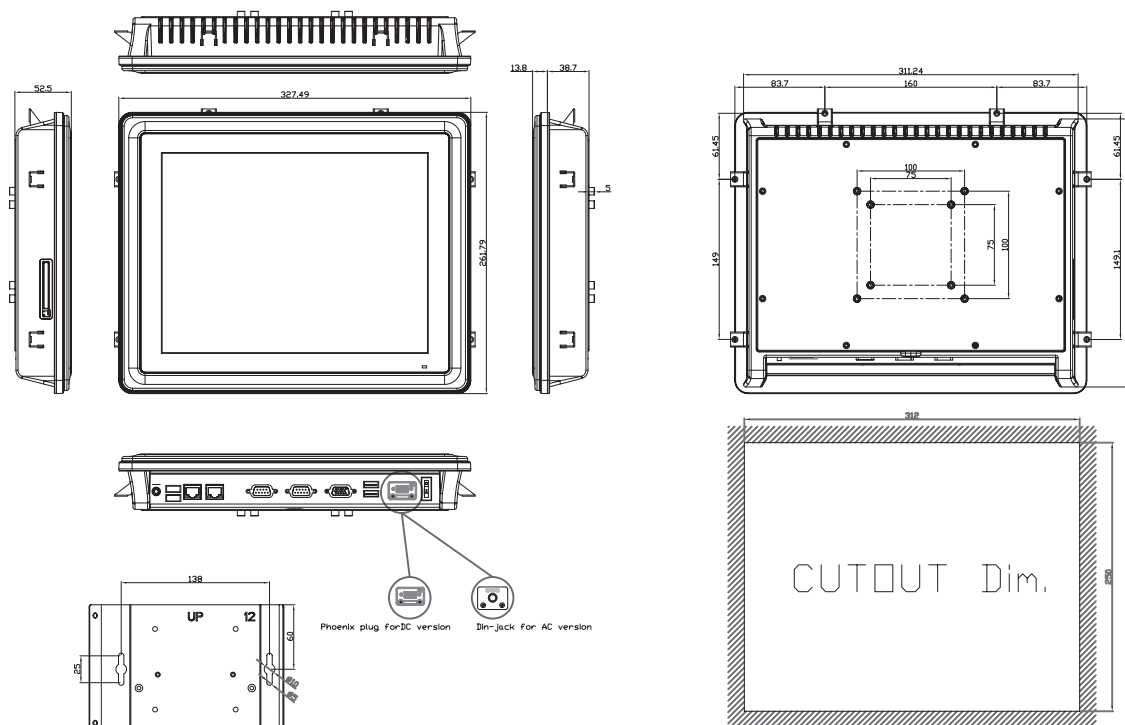
Optional OS Installation

Windows® 8.1

Windows® 7



Dimensions



GOT5100T-316 NEW

10.4" XGA/SVGA/TFT Touch Panel Computer with Intel® Pentium® Processor N4200 (up to 2.5 GHz)

Features

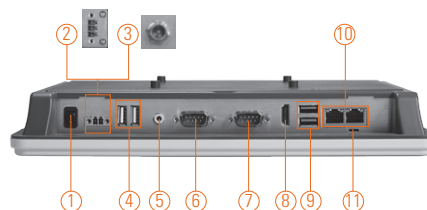
- 10.4" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Pentium® processor N4200
- 2 Gigabit LAN, 4 USB and 2 COM ports
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Adjust RS-232/422/485 setting via BIOS
- Supports optional panel mount/wall mount/VESA arm/desktop stand



▲ Side view



▲ Desktop stand



- | | |
|---|------------------------------|
| 1. Power switch (ATX) | 7. COM 2 (RS-232) |
| 2. Terminal block for DC power input or 3. Screw conn. w/AC power adapter | 8. HDMI |
| 4. USB 2.0 x 2 | 9. USB 3.0 x 2 |
| 5. Audio (Line-out) | 10. Ethernet (RJ-45) |
| 6. COM 1 (RS-232/422/485) | 11. AT/ATX selectable switch |



Introduction

The GOT5100T-316 is a 10.4" Intel® Pentium®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 10.4" TFT LCD as well as Intel® Pentium® Processor N4200, up to 2.5 GHz. For wireless network connection, the GOT5100T-316 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5100T-316 is a super slim touch panel computer for space-limited environment with its thickness of 45.8 mm and weight of 1.8 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5100T-316 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5100T-316 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5100T-316 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA/SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits (XGA) 400 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Viewing Angel (H/V)	140°/120°
Main System	CPU	Intel® Pentium® processor N4200 4 cores (up to 2.5 GHz)
	System Memory	1 x 204-pin DDR3L-1866 MT/s SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (default RS-232, COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Supply	1.AC version: 100~240 V AC-DC, 60W power adapter or 2.DC version: 24 VDC with over current protection fuse
Power Consumption	30 W
Dimension	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0°C ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5~500Hz, random for SSD
Certificate	CE

Ordering Information

Standard	
GOT5100T-316-J	10.4" SVGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5100T-316-24VDC	10.4" SVGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)
GOT5100T-316-XGA-J	10.4" XGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5100T-316-XGA-24VDC	10.4" XGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Stand kit
Speaker kit
RFID kit

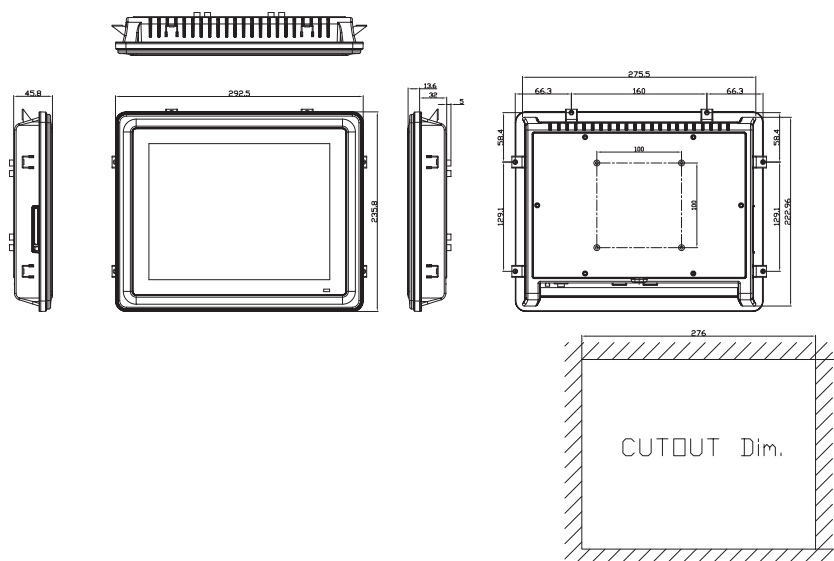
* Specification and certifications are based on requirements and may vary.

Optional OS Installation

Windows® 10 (64-bit)



Dimensions



GOT5100T-845 NEW

10.4" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060

Features

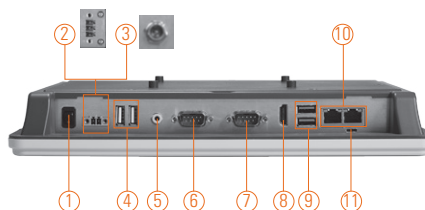
- 10.4" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 Gigabit LAN, 4 USB and 2 COM ports
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- Adjust RS-232/422/485 setting via BIOS



▲ Side view



▲ Desktop stand



- | | |
|---|------------------------------|
| 1. Power switch (ATX) | 7. COM 2 (RS-232) |
| 2. Terminal block for DC power input or 3. Screw conn. w/AC power adapter | 8. HDMI |
| 4. USB 2.0 x 2 | 9. USB 3.0 x 2 |
| 5. Audio (Line-out) | 10. Ethernet (RJ-45) |
| 6. COM 1 (RS-232/422/485) | 11. AT/ATX selectable switch |



Introduction

The GOT5100T-845 is a 10.4" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 10.4" TFT LCD as well as Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the GOT5100T-845 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5100T-845 is a super slim touch panel computer for space-limited environment with its thickness of 45.8mm and weight of 1.8 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5100T-845 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5100T-845 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5100T-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA/SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits (XGA) 400 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Viewing Angel (H/V)	140°/120°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (default RS-232, COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Supply	1.AC version: 100~240 V AC-DC, 60W power adapter or 2.DC version: 24 VDC with over current protection fuse
Power Consumption	32 W
Dimension	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0°C ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5~500Hz, random for SSD
Certificate	CE

Ordering Information

Standard	
GOT5100T-845-J	10.4" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5100T-845-24VDC	10.4" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)
GOT5100T-845-XGA-J	10.4" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5100T-845-XGA-24VDC	10.4" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Stand kit
Speaker kit
RFID kit

* Specification and certifications are based on requirements and may vary.

Optional EOS Installation

WES 7

WE8S (64-bit)

Optional OS Installation

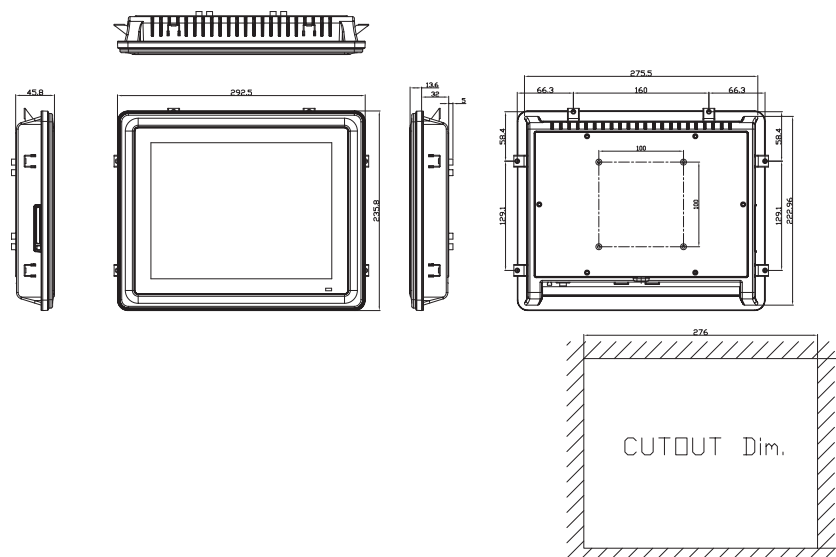
Windows® 7

Windows® 8.1 (64-bit)

Windows® 10



Dimensions



GOT5100T-834

10.4" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

Features

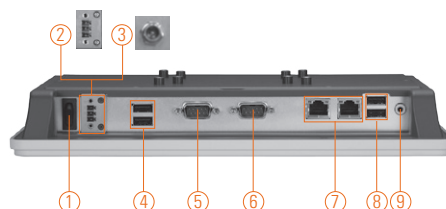
- 10.4" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor J1900 and internal antenna
- 2 Gigabit LAN, 4 USB and 2 COM ports
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- Supports optional panel mount/wall mount/VESA arm and desktop stand



▲ Side view



▲ Desktop stand



1. Power switch
2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter
4. USB 3.0 x 2
5. COM 1 (RS-232/422/485)
6. COM 2 (RS-232/422/485)
7. Ethernet x 2
8. USB 2.0 x 2
9. Audio (Line-out)



Introduction

The GOT5100T-834 is a 10.4" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 10.4" TFT LCD as well as Intel® Celeron® processor J1900 4 cores (Bay Trail). For wireless network connection, the GOT5100T-834 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9-36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5100T-834 is a super slim touch panel computer for space-limited environment with its thickness of 45.8mm and weight of 1.8 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5100T-834 provides 2 PCIe Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5100T-834 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5100T-834 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA/SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits (XGA) 400 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Viewing Angel (H/V)	140°/120°
Main System	CPU	Intel® Celeron® processor J1900 4 cores
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422-485 (default RS-232, COM 1/2) 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT) 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Supply	1. DC version: 9-36 VDC with over-current protection fuse 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	32 W
Dimension	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0°C ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5-500Hz, random for CFast™
Certificate	CE

Ordering Information

GOT5100T-834-J	10.4" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5100T-834-DC	10.4" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36 VDC power input (terminal block connector)
GOT5100T-834-XGA-J	10.4" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5100T-834-XGA-DC	10.4" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36 VDC power input (terminal block connector)

* Specification and certifications are based on options and may vary.

Optional EOS Installation

WES 7

WE8S

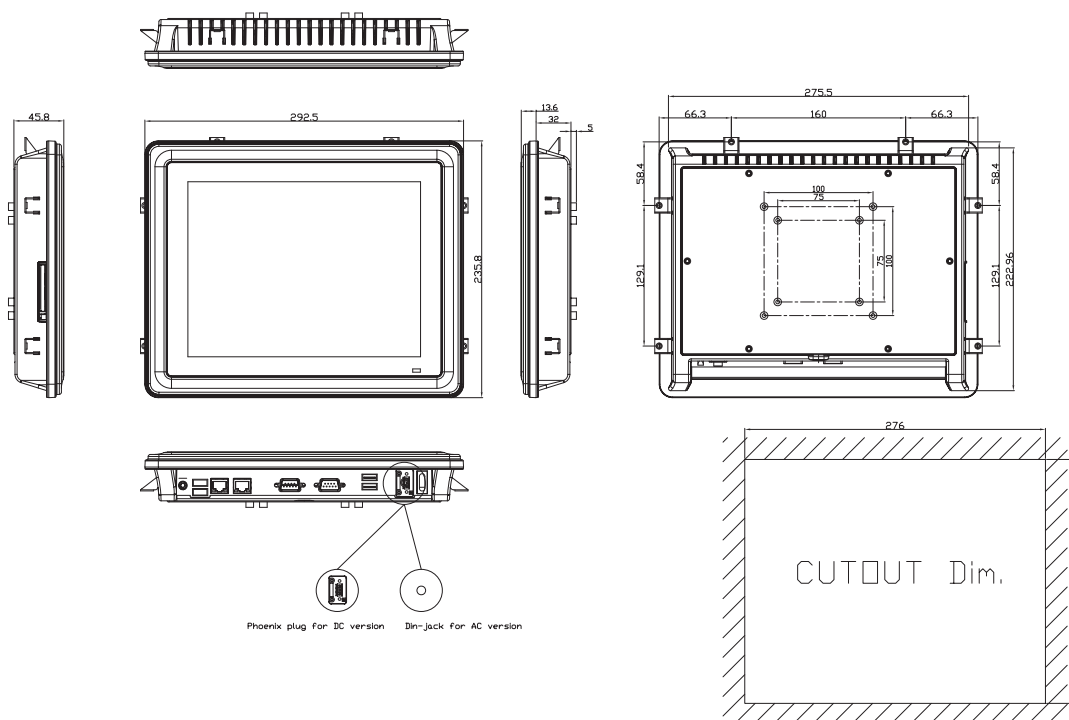
Optional OS Installation

Windows® 7

Windows® 8.1



Dimensions



GOT5103W-316 NEW

10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Pentium® Processor N4200

Features

- 10.1" WXGA wide screen TFT LCD display with LED backlight
- Projected capacitive multi-touch
- Fanless design with Intel® Pentium® processor N4200 (up to 2.5 GHz)
- 1 mSATA and 1 half-slim SATA SSD (optional)
- 2 Gigabit LAN, 4 USB, 2 COM ports, 2W speakers and optional mic-in
- IP65 front bezel and IPX1 full enclosure design
- External AT/ATX mode selection switch
- Supports optional panel mount/wall mount/VESA arm/desktop stand



▲ Side view



Introduction

The GOT5103W-316 is a 10.1" Intel® Pentium®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 10.1" TFT LCD as well as Intel® Pentium® processor N4200 up to 2.5 GHz. For wireless network connection, the GOT5103W-316 offers 2 PCIe Mini Card slots. By just installing a mini card WLAN card and antennas, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

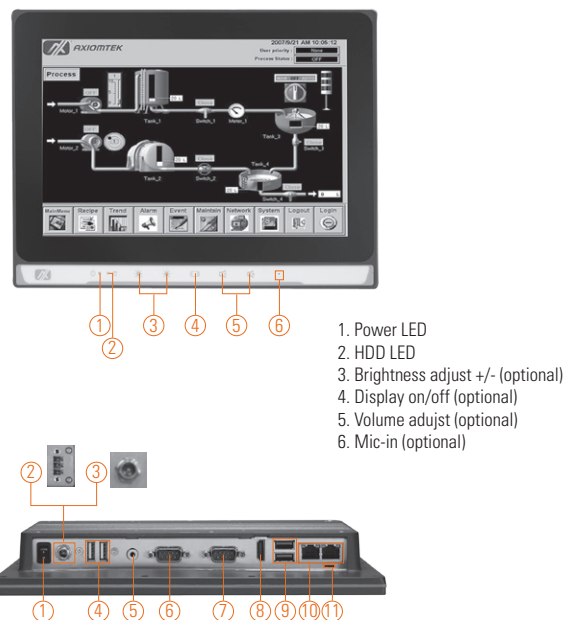
The GOT5103W-316 is slim and lightweight which make it fit for limited space installation.

Optional Internal WLAN Antenna

The GOT5103W-316 provides 2 PCIe Mini Card slots and optional internal WLAN antennas for wireless network connections, customers can use the GOT5103W-316 in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys (optional)

The GOT5103W-316 provides 5 optional membrane keys in front of system, people can adjust the system display, volume and brightness.



1. Power switch (ATX)
2. Terminal block for DC power input or 3. Screw conn. w/AC power adapter
3. USB 2.0 x 2
4. USB 2.0 x 2
5. Audio (Line-out)
6. COM 1 (RS-232/422/485)
7. COM 2 (RS-232)
8. HDMI
9. USB 3.0 x 2
10. Ethernet x 2
11. AT/ATX switch
12. Speaker

Specifications

Front Bezel	IP65, plastic front bezel	
LCD Panel	Display Type	10.1" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 800
Main System	CPU	Intel® Pentium® processor N4200 4 cores (up to 2.5 GHz)
	System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SATA SSD (for GOT5103W-845-PCT-J, optional) 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (default RS-232, COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch
Power Supply	1.AC version: 100~240 V AC-DC, 60W power adapter or 2.DC version: 24 VDC with over current protection fuse
Power Consumption	40.32 W
Dimensions	260.8 mm (10.27") (W) x 38 mm (1.50") (D) x 194.1 mm (7.65") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for SSD
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

Standard	
GOT5103W-316-PCT-J	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N4200, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5103W-316-PCT-24VDC	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N4200, projected capacitive multi-touch screen, and 24 VDC power input (terminal block connector)
GOT5103W-316-PCT-J w/o OSD	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N4200, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A, w/o membrane keys
GOT5103W-316-PCT-24 VDC w/o OSD	10.1" WXGA fanless touch panel computer with Intel® Pentium® processor N4200, projected capacitive multi-touch screen, 24 VDC power input (terminal block connector), w/o membrane keys

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Half slim SATA SSD bracket kit
RFID kit
Stand kit

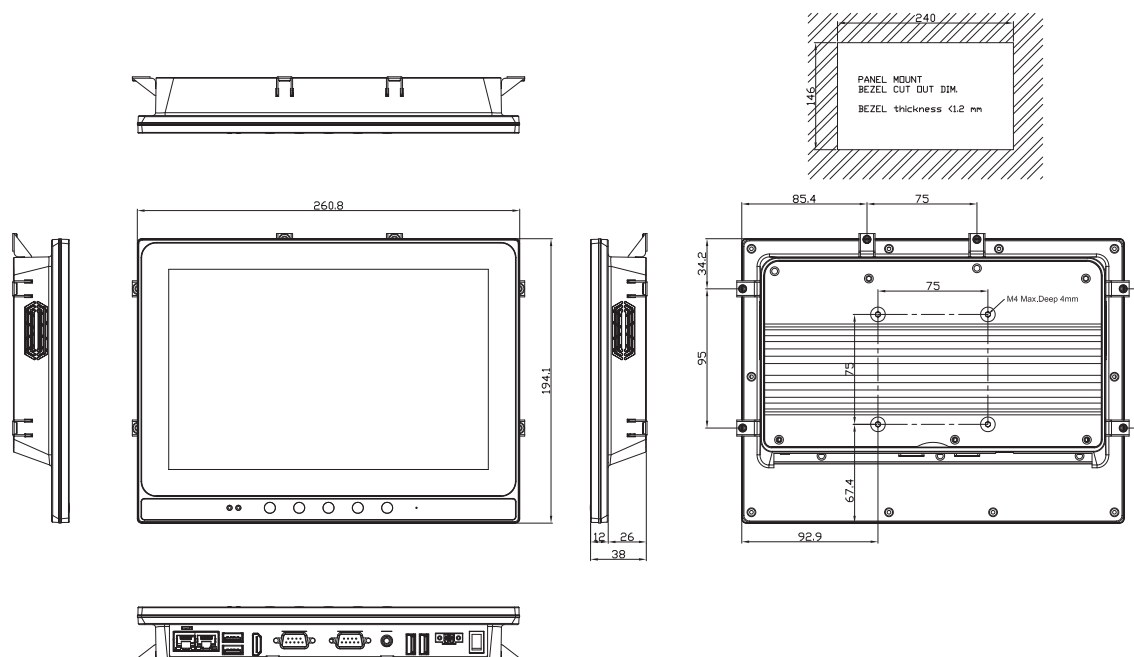
Optional EOS Installation

WES7
WE8S (64-bit)

Optional OS Installation

Windows® 7
Windows® 8.1 (64-bit)
Windows® 10

Dimensions



GOT5103W-845

10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060

Features

- 10.1" WXGA wide screen TFT LCD display with LED backlight
- Projected capacitive multi-touch
- Fanless design with Intel® Celeron® processor N3060 (up to 2.48 GHz)
- 1 mSATA and 1 half-slim SATA SSD (optional)
- 2 Gigabit LAN, 4 USB, 2 COM ports, 2W speakers and optional mic-in
- IP65 front bezel and IPX1 full enclosure design
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- External AT/ATX mode selection switch



Introduction

The GOT5103W-845 is a 10.1" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 10.1" TFT LCD as well as Intel® Celeron® processor N3060 2 cores up to 2.48 GHz. For wireless network connection, the GOT5103W-845 offers 2 PCIe Mini Card slots. By just installing a mini card WLAN card and antennas, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

Slim & Lightweight Design

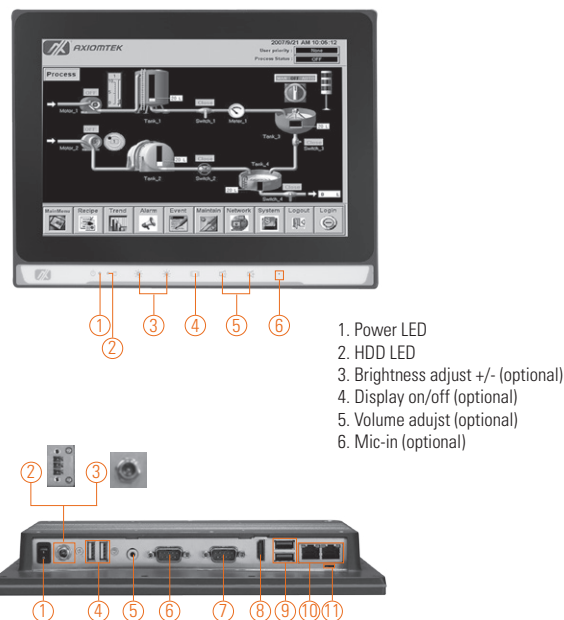
The GOT5103W-845 is slim and lightweight which make it fit for limited space installation.

Optional Internal WLAN Antenna

The GOT5103W-845 provides 2 PCIe Mini Card slots and optional internal WLAN antennas for wireless network connections, customers can use the GOT5103W-845 in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys (optional)

The GOT5103W-845 provides 5 optional membrane keys in front of system, people can adjust the system display, volume and brightness.



Specifications

Front Bezel	IP65, plastic front bezel	
LCD Panel	Display Type	10.1" WXGA TFT LCD with LED backlight
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 800
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SATA SSD (for GOT5103W-845-PCT-J, optional) 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (default RS-232, COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch
Power Supply	1.AC version: 100~240 V AC-DC, 60W power adapter or 2.DC version: 24 VDC with over current protection fuse
Power Consumption	40.32 W
Dimensions	260.8 mm (10.27") (W) x 38 mm (1.50") (D) x 194.1 mm (7.65") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.08 kg (2.38 lb)/2.18 kg (4.8 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for SSD
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

Standard	
GOT5103W-845-PCT-J	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5103W-845-PCT-24VDC	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, and 24 VDC power input (terminal block connector)
GOT5103W-845-PCT-J w/o OSD	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A, w/o membrane keys
GOT5103W-845-PCT-24VDC w/o OSD	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, 24 VDC power input (terminal block connector), w/o membrane keys

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Half slim SATA SSD bracket kit
RFID kit
Stand kit

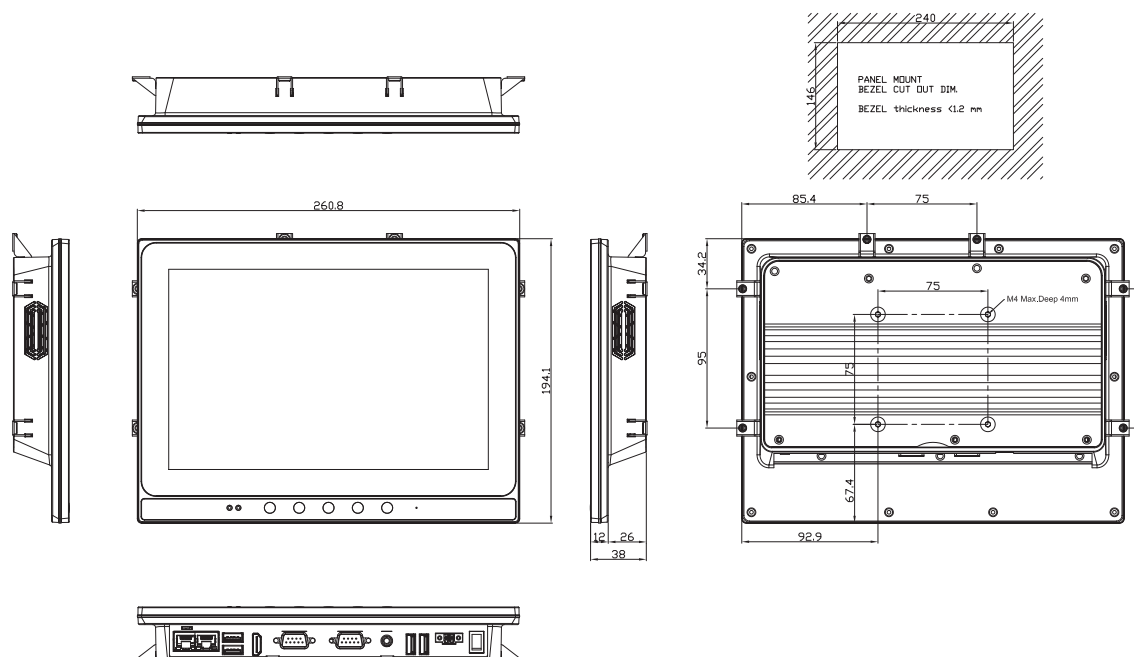
Optional EOS Installation

WES7
WEBS (64-bit)

Optional OS Installation

Windows® 7
Windows® 8.1 (64-bit)
Windows® 10

Dimensions



GOT5840T-316 NEW

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N4200

Features

- 8.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Pentium® processor N4200 (up to 2.5 GHz)
- Ultra slim and super light design
- WLAN module and internal antenna
- 2 PCI Express Mini Cards
- 2 Gigabit LAN, 2 USB and 2 COM ports
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- Plastic and IP65-rated front bezel



Introduction

The GOT5840T-316 is an 8.4" Intel® Pentium®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 8.4" TFT LCD as well as Intel® Pentium® processor N4200. For wireless network connection, the GOT5840T-316 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5840T-316 is a super slim touch panel computer for space-limited environment with its thickness of 45 mm and weight of 1.3 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5840T-316 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5840T-316 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5840T-316 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel
LCD Panel	Display Type 8.4" SVGA TFT LCD with LED backlight
	Brightness (cd/m ²) 350 nits
	Resolution 800 x 600
	Viewing Angel (H/V) 160°/140°
Main System	CPU Intel® Pentium® processor N4200 4 cores (up to 2.5 GHz)
	System Memory 1 x 204-pin DDR3L-1866 GHz SO-DIMM, up to 8GB
	BIOS AMI UEFI BIOS
	Storage 1 x mSATA
	Watchdog Timer 255 levels, 0~255 sec.
	Onboard Graphics Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (default RS-232, COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Input	AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	TBD
Dimensions	250.7 mm (9.87") (W) x 45.8 mm (1.80") (D) x 204.7 mm (8.06") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/ 2.25 kg (4.96 lb)
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5-500Hz, random for mSATA
Certificate	CE

Ordering Information

GOT5840T-316-J	8.4" SVGA fanless touch panel computer with Intel® Pentium® processor N4200, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5840T-316-DC	8.4" SVGA fanless touch panel computer with Intel® Pentium® Processor N4200, 5-wire resistive touch screen and 9-36 VDC power input (terminal block connector)

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Stand kit
RFID kit

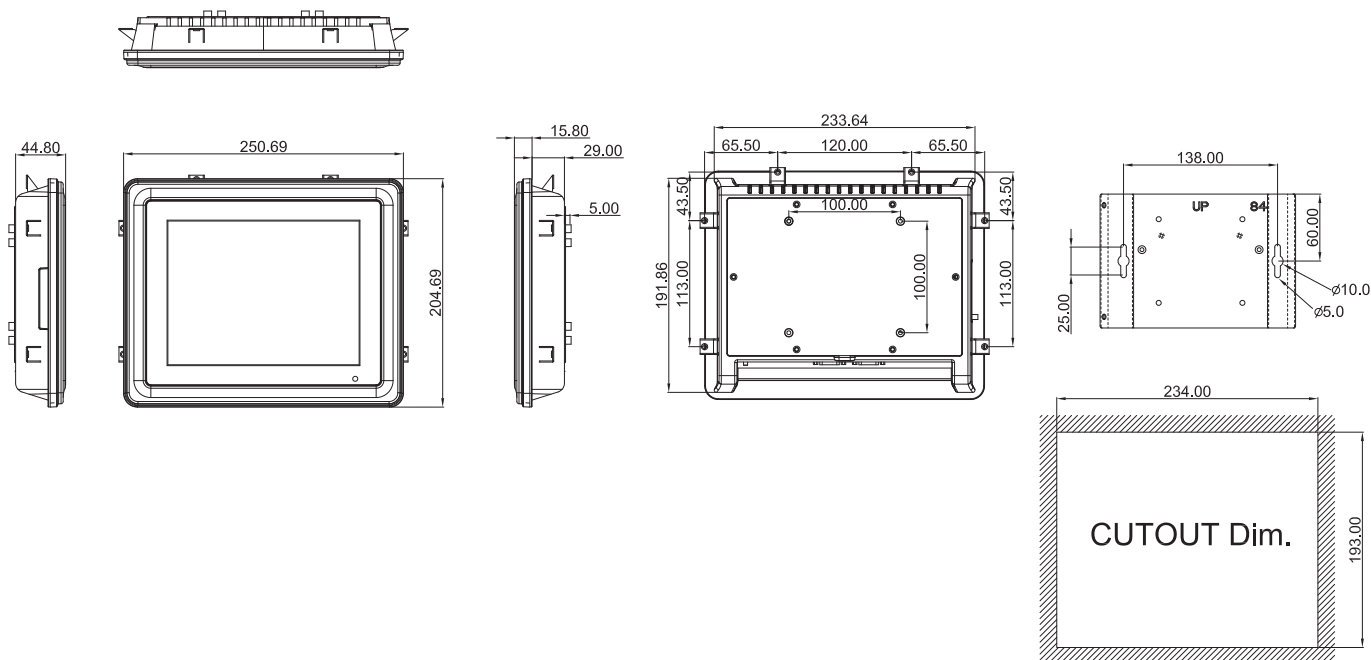
* Specification and certifications are based on requirements and may vary.

Optional OS Installation

Windows® 10 (64-bit)



Dimensions

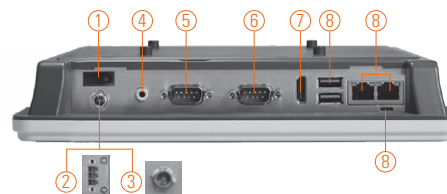


GOT5840T-845 NEW

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060

Features

- 8.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor N3060 (up to 2.48 GHz)
- Ultra slim and super light design
- WLAN module and internal antenna
- 2 PCI Express Mini Cards
- 2 Gigabit LAN, 2 USB and 2 COM ports
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- Plastic and IP65-rated front bezel



- | | |
|------------------------------------|------------------------------|
| 1. Power switch (ATX) | 6. COM 2 (RS-232) |
| 2. Power input connector (screw) | 7. HDMI |
| 3. Power input connector (phoenix) | 8. USB 3.0 x 2 |
| 4. Audio (Line-out) | 9. Ethernet (RJ-45) |
| 5. COM 1 (RS-232/422485) | 10. AX/ATX selectable switch |



Introduction

The GOT5840T-845 is an 8.4" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 8.4" TFT LCD as well as Intel® Celeron® processor N3060 (Braswell). For wireless network connection, the GOT5840T-845 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5840T-845 is a super slim touch panel computer for space-limited environment with its thickness of 45 mm and weight of 1.3 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5840T-845 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5840T-845 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5840T-845 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel
LCD Panel	Display Type 8.4" SVGA TFT LCD with LED backlight
	Brightness (cd/m ²) 350 nits
	Resolution 800 x 600
	Viewing Angel (H/V) 160°/140°
Main System	CPU Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory 1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB
	BIOS AMI UEFI BIOS
	Storage 1 x mSATA
	Watchdog Timer 255 levels, 0~255 sec.
	Onboard Graphics Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (default RS-232, COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Input	1.AC version: 100~240 V AC-DC, 60W power adapter or 2.DC version: 9~36 VDC with over current protection fuse
Power Consumption	25 W
Dimensions	250.7 mm (9.87") (W) x 45.8 mm (1.80") (D) x 204.7 mm (8.06") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/ 2.25 kg (4.96 lb)
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5~500Hz, random for mSATA
Certificate	CE

Ordering Information

GOT5840T-845-J	8.4" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A
GOT5840T-845-DC	8.4" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and 9~36 VDC power input (terminal block connector)

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Stand kit
RFID kit

* Specification and certifications are based on requirements and may vary.

Optional EOS Installation

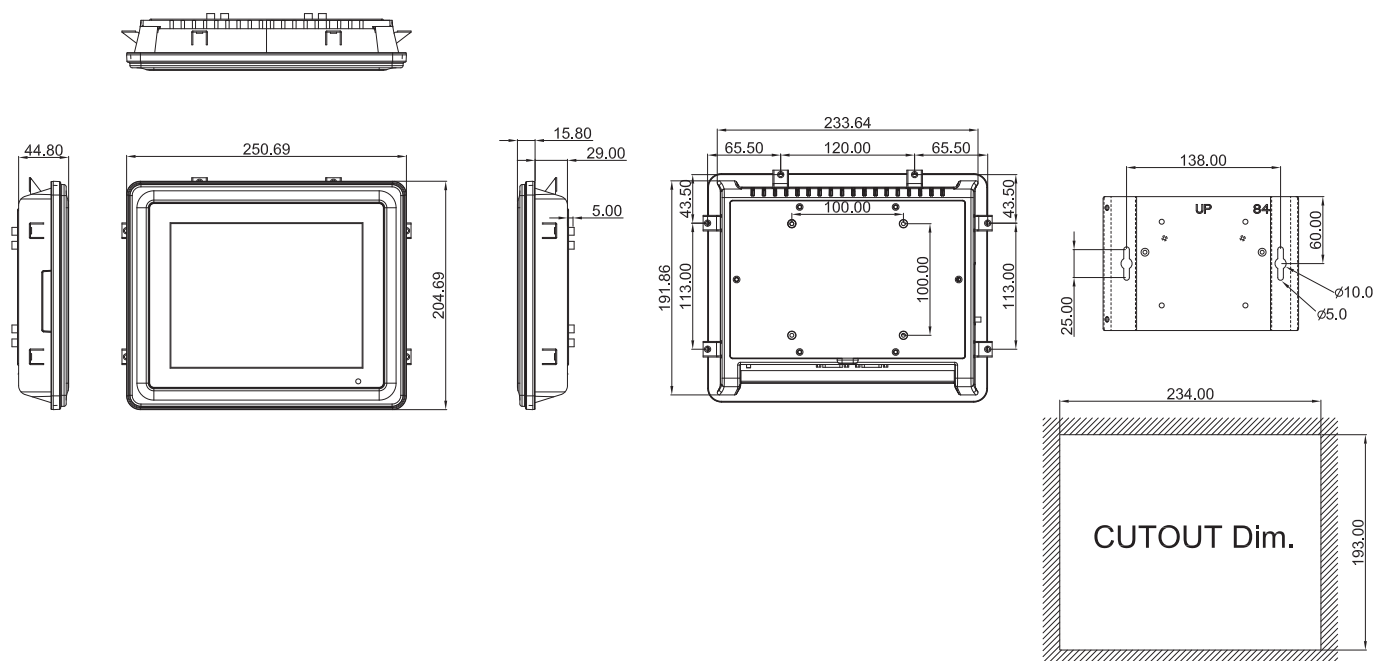
WES 7
WE8S (64-bit)

Optional OS Installation

Windows® 7
Windows® 8.1 (64-bit)
Windows® 10



Dimensions

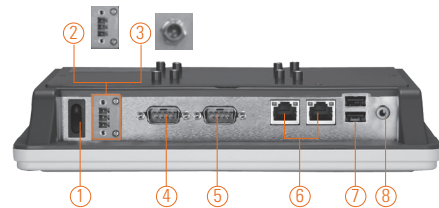
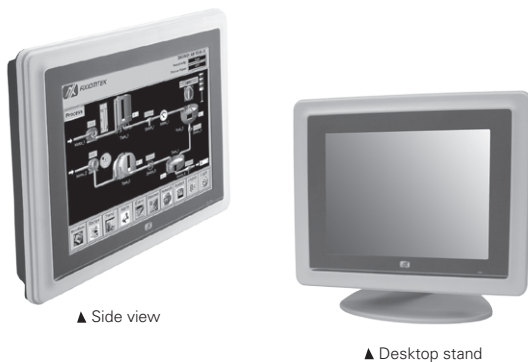


GOT5840T-834

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

Features

- 8.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor J1900
- Ultra slim and super light design
- WLAN module and internal antenna
- PCI Express Mini Card slots for easy expansion
- 2 Gigabit LAN, 2 USB & 2 COM ports
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- Plastic and IP65-rated front bezel



1. Power switch (ATX)
2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. Ethernet x 2
7. USB 3.0 x 2
8. Audio (Line-out)



Introduction

The GOT5840T-834 is an 8.4" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 8.4" TFT LCD as well as Intel® Celeron® processor J1900 (Bay Trail). For wireless network connection, the GOT5840T-834 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9-36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5840T-834 is a super slim touch panel computer for space-limited environment with its thickness of 45 mm and weight of 1.3 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5840T-834 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5840T-834 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis Excellent with Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5840T-834 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel
LCD Panel	Display Type 8.4" SVGA TFT LCD with LED backlight
	Brightness (cd/m ²) 350 nits
	Resolution 800 x 600
	Viewing Angel (H/V) 160°/140°
Main System	CPU Intel® Celeron® processor J1900 4 cores
	System Memory 1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS AMI UEFI BIOS
	Storage 1 x CFast™ or mSATA
	Watchdog Timer 255 levels, 0~255 sec.
	Onboard Graphics Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, COM 1/2) 2 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT) 1 x Audio (Line-out)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Input	1. DC version: 9~36 VDC with over-current protection fuse 2. AC version: 100-240 V AC-DC, 60W power adapter
Power Consumption	25 W
Dimensions	250.7 mm (9.87") (W) x 45.8 mm (1.80") (D) x 204.7 mm (8.06") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/ 2.25 kg (4.96 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition) 0°C ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5 ~ 500 Hz, random for CFast™
Certificate	CE

Ordering Information

GOT5840T-834-J	8.4" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5840T-834-DC	8.4" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9~36 VDC power input (terminal block connector)

* Specification and certifications are based on options and may vary.

Optional EOS Installation

WES 7

WEBS

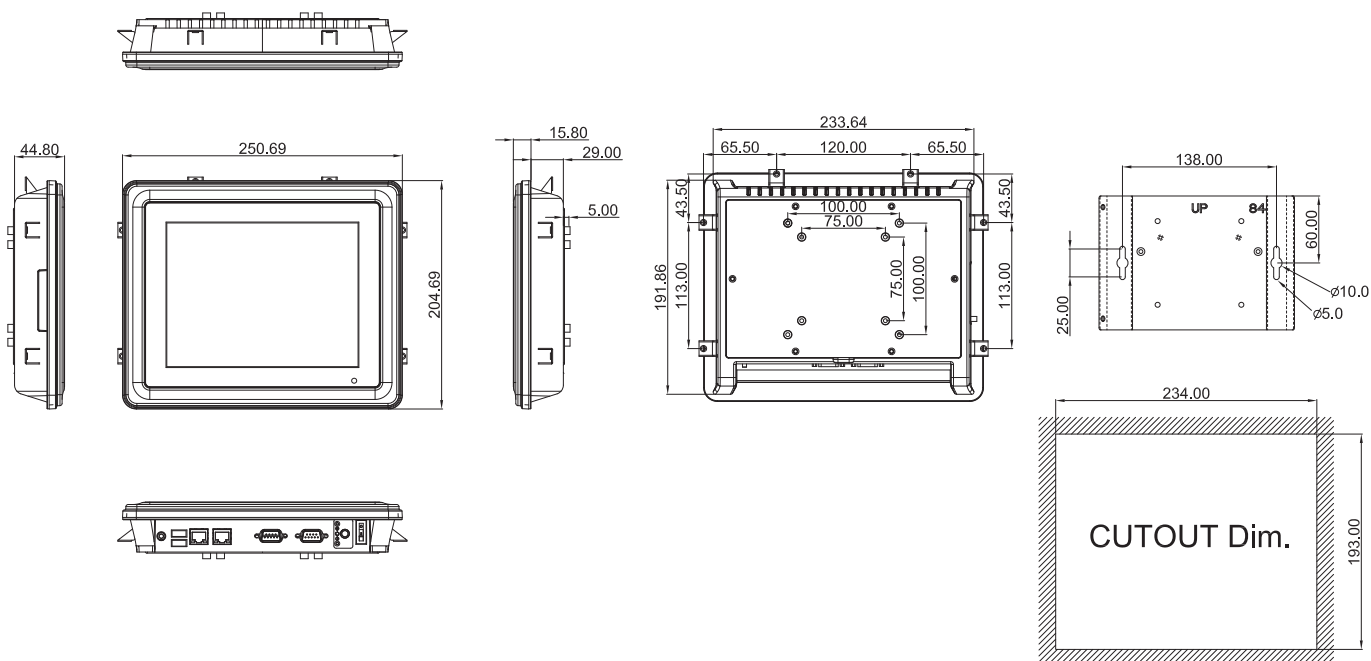
Optional OS Installation

Windows® 7

Windows® 8.1



Dimensions



2

Heavy-duty Fanless Touch Panel Computers

Axiomtek's heavy-duty series is specially designed to operate in harsh environments. The GOT3000 supports operations at a wide range of temperatures from -20°C to +55°C, featured by an IP65-rated seal, excellent thermal resistance and a built-in fuse to protect the series from over-current. The GOT800 series supports solidity, visibility and operability with an IP66-rated stainless housing, through the sun-readable display technology, and at a wide range of temperatures from -20°C to +55°C. It is best suited for dusty or wet spaces in food factories or kitchen, and low temperature environments in cold storage warehouses. The GOT700 is an EN50155-certified touch panel computer solution with an alternative keypad and a LCD of high brightness, suitable for rolling stock applications.

Introduction		535
Selection Guide		536
GOT3217W-845-PCT NEW	21.5" FHD TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710 (0°C to +50°C)	541
GOT3217W-881-PCT	21.5" FHD TFT Fanless Multi-touch Panel Computer with LGA1150 Socket 4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C to +40°C)	543
GOT3187W-881-PCT	18.5" WXGA TFT Fanless Multi-touch Panel Computer with LGA1150 Socket 4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C to +40°C)	545
GOT3187WL-834-PCT NEW	18.5" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900 (0°C to +40°C)	547
GOT3187W-834-PCT	18.5" WXGA TFT Fanless Multi-touch Panel Computer with Intel® Celeron™ Processor J1900 (-10°C to +50°C)	549
GOT3187W-111-PCT	18.5" WXGA TFT Fanless Multi-touch Panel Computer with AMD G Series T65N (-10°C to +40°C)	551
GOT3177T-311-FR NEW	17" SXGA TFT Flat Bezel Expandable Touch Panel Computer with Intel® Pentium® Processor N4200 (-10°C to +50°C)	553
GOT3177T-501-FR NEW	17" SXGA TFT Flat Bezel Touch Panel Computer with LGA1151 Socket 6th/7th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C to +40°C)	555
GOT3177T-834-FR	17" SVGA TFT Fanless Multi-touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C to +50°C)	557
GOT3157W-881-PCT	15.6" WXGA TFT Fanless Modularized Multi-touch Panel Computer with LGA1150 Socket 4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processors (0°C to +40°C)	559
GOT3157T-311-FR NEW	17" SXGA TFT Flat Front Bezel Expandable Touch Panel Computer with Intel® Pentium® Processor N4200 (-10°C to +50°C)	561

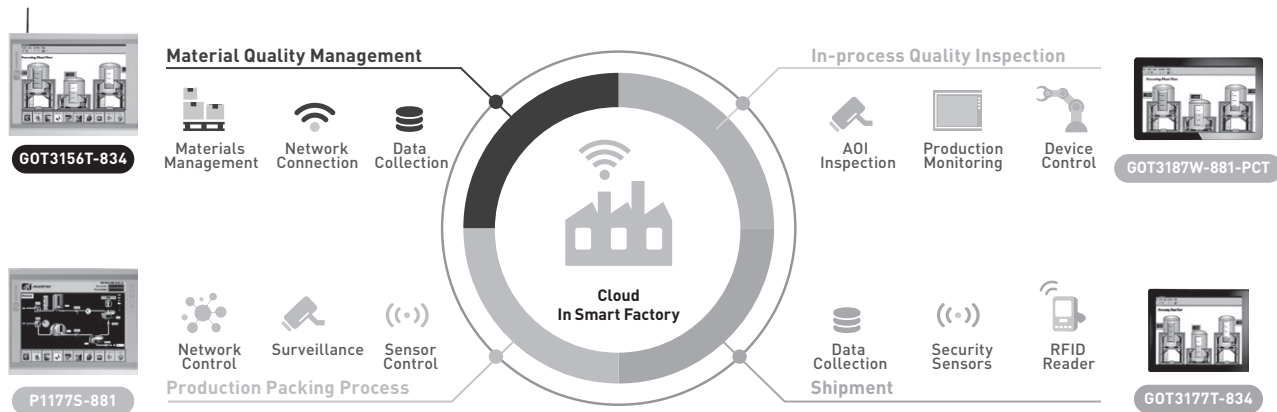
Touch Panel Computers

GOT3157W-834-PCT	15.6" WXGA TFT Fanless Multi-touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C to +50°C)	563
GOT3157W-111-PCT	15.6" WXGA TFT Fanless Multi-touch Panel Computer with AMD G Series Processor T56N (-10°C to +50°C)	565
GOT3157W-881-PCT	15.6" WXGA TFT Fanless Multi-touch Panel Computer with LGA1150 Socket 4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C to +40°C)	567
GOT3156T-834	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ processor E3827 (-20°C to +55°C)	569
GOT3126T-834	12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 (-20°C to +55°C)	571
GOT-3840TL	8.4" SVGA TFT Cost-effective Fanless Touch Panel Computer	573

Heavy-duty Fanless Touch Panel Computers

GOT3000 Series for Industrial Automation in Wide-temperature Environment

The GOT3000 series is designed for heavy-duty and critical temperature environments such as steel refineries and cotton factories. It has a wide operating temperature range of -20°C to +55°C, IP65-rated seal and a built-in fuse to protect the system from over-current. This series also features low power Intel® Atom™ processor D2550/ N2600/E3827, Pentium® N3710/N4200 & Celeron® J1900 to provide excellent system performance and thermal resistance. The anti-vibration design allows the system to work well under 2G in operation mode.



Features:

- Extended operating temperature range

The GOT3000 series adopts the unique technology of extended operating temperature and fanless cooling system for harsh environments.

- GOT3000 Series:

Intel® Core™ CPU: 0°C to +40°C (+32°F to +104°F)
 Intel® Celeron® CPU: -10°C to +50°C (+14°F to +122°F)
 Intel® Atom™ CPU: -20°C to +55°C (-4°F to +131°F)
 AMD G Series CPU: -10°C to +45°C (+14°F to +113°F)
 Intel® Pentium® CPU: 0°C to +45°C (+32°F to +113°F)

- NEMA 4X compliant design

The GOT3000 series features a stainless and IP65 & IP66 water-proof front bezel, so the enclosure offers total protection against falling water and can be easily cleaned by high pressure water jets.

- High brightness LCD

The GOT3000 series adopts a high brightness LCD which is sunlight readable even under strong sunlight, in locations such as the zoo, parking lot, etc. Powering by LED backlight LCD, this series features power saving and longer MTBF.

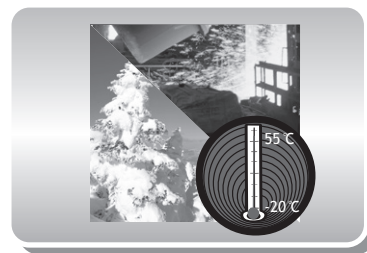
Major Features



▲ IP66 waterproof design



▲ Rolling-Stock Application



▲ Extended temperature supported: -20°C to +55°C



▲ Outdoor application



▲ NEMA 4X compliant



▲ Suited for harsh environments

Heavy-duty Fanless Touch Panel Computers

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Features/Models	GOT3217W-845-PCT	GOT3217W-881-PCT	GOT3187W-881-PCT
CPU Level	Intel® Pentium® N3710 4C @1.6 GHz (up to 2.56 GHz)	4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor	4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor
Chipset	SoC Integrated	Intel® H81	Intel® H81
System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM, up to 8GB
Display	21.5" FHD TFT, 250 nits	21.5" FHD TFT, 250 nits	18.5" WXGA TFT, 350 nits
I/O	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 8 x DIO ports (programmable, DB15)	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Line out/1 x MIC-in 1 x HDMI	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Line out/1 x MIC-in 1 x HDMI
Storage	1 x 2.5" HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ 1 x mSATA	1 x 2.5" HDD 1 x CFast™ 1 x mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	10-point projected capacitive multi-touch	Projected capacitive multi-touch	Projected capacitive multi-touch
Operating System	Windows 10 (64-bit), Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7, Linux	Windows® 8.1, WE8S, Windows® 7, WES 7, Linux
Power Supply	24 VDC 100-240 V, AC-DC 60 W power adapter	19 VDC with adapter	19 VDC with adapter
Power Consumption	48 W	112 W	109 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	547.6 x 58.5 x 339.0 mm (21.56" x 2.30" x 13.35")	547.6 x 339.0 x 89.0 mm (21.56" x 13.35" x 3.50")	460 x 89.5 x 285 mm (18.1" x 3.5" x 11.2")
Weight (net/gross)	7.6 kg (16.8 lb)/10.5 kg (23.1 lb)	7.1 kg (15.65 lb)/9.5 kg (20.94 lb)	6.3 kg (13.9 lb)/8.7 kg (19.18 lb)
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)
Wide Temperature	N/A	N/A	N/A
Certificate	CE	CE	CE

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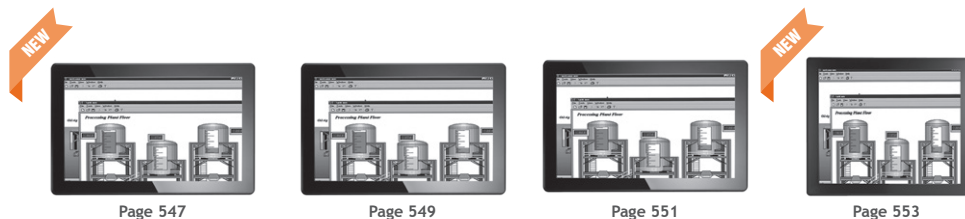
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Features\Models	GOT3187WL-834-PCT	GOT3187W-834-PCT	GOT3187W-111-PCT	GOT3177T-311-FR
CPU Level	Intel® Celeron® J1900 4C @2.0 GHz (up to 2.42 GHz)	Intel® Celeron® J1900 4C @2.0 GHz (up to 2.42 GHz)	AMD G series T56N 2C @ 1.65GHz	Intel® Pentium® N4200 4C @1.1GHz (up to 2.5GHz)
Chipset	SoC Integrated	SoC Integrated	AMD A50M FCH	SoC Integrated
System Memory	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM, up to 4 GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM, up to 8GB
Display	18.5" WXGA TFT, 250 nits	18.5" WXGA TFT, 350 nits	18.5" WXGA TFT, 350 nits	17" SXGA TFT, 350 nits
I/O	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out)	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out)	1 x RS-232/422/485 (COM1) 1 x RS-232 (COM2) 2 x 10/100/1000 Mbps Ethernet 1 x VGA 4 x USB 2.0 1 x Audio (Line-out)	2 x RS-232/422/485 2 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x Audio (Line-out/Mic-in)
Storage	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™	1 x 2.5" HDD 1 x mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	1 x PCIe Mini Card	2 x PCIe Mini Card 1 x PCIe Half Card Flexible I/O
Touchscreen	Projected capacitive multi-touch	Projected capacitive multi-touch	Projected capacitive multi-touch	Flat resistive touch
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S, Linux	Windows® 10 (64-bit)
Power Supply	9~36 VDC 12 VDC with 60 W adapter	9~36 VDC	10~30 VDC 12 VDC with 60 W adapter	9~36 VDC
Power Consumption	46 W	49 W	63 W	TBD
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	398.0 x 84.0 x 330.4 mm (15.66" x 3.3" x 12.99")
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	5.4 kg (11.9 lb)/7.8 kg (17.2 lb)	TBD
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)	-10°C ~ +50°C (+14°F ~ +122°F)	-10°C ~ +45°C (+14°F ~ +113°F)	-10°C ~ +50°C (+14°F ~ +122°F)
Wide Temperature	NA	Yes	Yes	Yes
Certificate	CE	CE	CE	CE



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Features/Models	GOT3177T-501-FR	GOT3177T-834-FR	GOT3157W-881-PCT
CPU Level	6th/7th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor	Intel® Celeron® J1900 4C @2.0 GHz (up to 2.42 GHz)	4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor
Chipset	Intel® H110	SoC Integrated	Intel® H81
System Memory	2 x 260-pin DDR4-2133 MHz SO-DIMM non-ECC, up to 32GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM, up to 8GB
Display	17" TFT, SXGA, 350 nits	17" TFT, SXGA, 350 nits	15.6" TFT, WXGA, 300 nits
I/O	4 x USB 3.0 2 x RJ-45 2 x RS-232/422/485 2 x HDMI 1 x Audio (Line-out)	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out)	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Line-out/1 x MIC-in 1 x HDMI
Storage	1 x 2.5" HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1x CFast™ 1 x mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	Projected capacitive multi-touch	Flat resistive type	Projected capacitive multi-touch
Operating System	Windows® 10 (64-bit)	Windows® 8.1, WEBS, Windows® 7, WES 7	Windows® 8.1, WEBS, Windows® 7, WES 7, Linux
Power Supply	19~24 VDC	9~36 VDC	19 VDC with 120 W adapter
Power Consumption	TBD	50 W	100 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	TBD	398.02 x 59.9 x 330.44 mm (15.64" x 2.36" x 13.01")	396.8 x 89.5 x 247.1 mm (15.6" x 3.5" x 9.73")
Weight (net/gross)	TBD	4.8 kg (10.6 lb)/7.1 kg (15.67 lb)	5.5 kg (12.13 lb)/7.5 kg (16.53 lb)
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F)	-10°C ~ +50°C (+14°F ~ 122°F)	0°C ~ +40°C (+32°F ~ +104°F)
Wide Temperature	N/A	Yes	N/A
Certificate	CE	CE	CE

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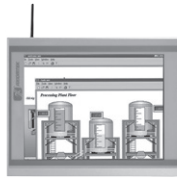


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Features/Models	GOT3157T-311-FR	GOT3157W-834-PCT	GOT3157W-111-PCT
CPU Level	Intel® Pentium® N4200 4C @1.1 GHz (up to 2.5 GHz)	Intel® Celeron® J1900 4C @2.0 GHz (up to 2.42 GHz)	AMD G series T56N 2C @ 1.65 GHz
Chipset	SoC Integrated	SoC Integrated	AMD A50M FCH
System Memory	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM, up to 8GB	1x 204-pin DDR3-1066/1333 MHz SO-DIMM, up to 4GB
Display	17" SXGA TFT, 350 nits	15.6" WXGA TFT, 300 nits	15.6" WXGA TFT, 300 nits
I/O	2 x RS-232/422/485 2 x RS-232 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x Audio (Line-out/Mic-in)	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out)	1 x RS-232/422/485 (COM 1) 1 x RS-232 (COM 2) 2 x 10/100/1000 Mbps Ethernet 1x VGA 4 x USB 2.0 1 x Audio (Line-out)
Storage	1 x 2.5" HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™
Expansion Interface	2 x PCIe Mini Card 1 x PCIe Half Card Flexible I/O	2 x PCIe Mini Card	1 x PCIe Mini Card
Touchscreen	Flat resistive touch	Projected Capacitive multi-touch	Projected Capacitive multi-touch
Operating System	Windows® 10 (64-bit)	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S, Linux
Power Supply	9~36 VDC	9~36 VDC	10~30 VDC 12 VDC with 60 W adapter
Power Consumption	TBD	45 W	51 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	TBD	396.8 x 59.4 x 247.1 mm (15.6" x 2.12" x 9.73")	396 x 53.9 x 247.1mm (15.6" x 2.12" x 9.73")
Weight (net/gross)	TBD	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)	-10°C ~ +50°C (+14°F ~ +122°F)	-10°C ~ +45°C (+14°F ~ +113°F)
Wide Temperature	Yes	Yes	Yes
Certificate	CE	CE	CE



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Features/Models	GOT3157W-881-PCT	GOT3156T-834	GOT3126T-834	GOT3840TL
CPU Level	4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor	Intel® Atom™ E3827 2C @ 1.75 GHz	Intel® Atom™ E3827 2C @ 1.75 GHz	AMD LX800 500 MHz
Chipset	Intel® H81	SoC Integrated	SoC Integrated	AMD LX + CS5536AD + ITE8888G
System Memory	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM, up to 8GB	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM, up to 8GB	1 x 200-pin DDR SO-DIMM, up to 1GB
Display	15.6" WXGA TFT, 300 nits	15" XGA TFT, 400 nits	12.1" XGA TFT, 600 nits	8.4 SVGA TFT, 250 nits
I/O	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Line-out/1 x MIC-in 1 x HDMI	4 x RS-232/422/485 2 x 10/100/1000 Mbps 2 x USB3.0 2 x USB2.0 1 x Audio (Line-out) 1 x VGA	3 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out) 1 x VGA	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x 10/100 Mbps Ethernet 2 x USB 2.0 1 x PS/2 keyboard/mouse 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" HDD 1 x CFast™ 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	2 x PCIe Mini Card	1 x MiniPCI 1 x PC/104
Touchscreen	Projected capacitive multi-touch	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7, Linux	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPE, WinCE, NET
Power Supply	19 VDC with 120 W adapter	9-36 VDC	9-36 VDC	16-28 VDC
Power Consumption	100 W	40 W	36 W	48 W
Watchdog Timer	255 levels, 0-255 sec.	255 levels, 0-255 sec.	255 levels, 0-255 sec.	255 levels, 0-255 sec.
Dimensions (W x D x H)	396.8 x 89.5 x 247.1 mm (15.6" x 3.5" x 9.73")	377.9 x 60.7 x 309.3 mm (14.89" x 2.39" x 12.17")	311.5 x 56.9 x 250 mm (12.21" x 2.23" x 9.8")	280 x 69.3 x 200 mm (11.02" x 2.73" x 7.87")
Weight (net/gross)	5.5 kg (12.13 lb)/7.5 kg (16.53 lb)	4.2 kg (9.26 lb)/6.8 kg (14.99 lb)	2.8 kg (6.17 lb)/5 kg (11.02 lb)	3.5 kg (7.7 lb)/4.2 kg (9.26 lb)
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)	-20°C ~ +55°C (-4°F ~ +131°F)	-20°C ~ +55°C (-4°F ~ +131°F)	0°C ~ +50°C (32°F ~ +122°F)
Wide Temperature	N/A	Yes	Yes	Yes
Certificate	CE	CE	CE	CE

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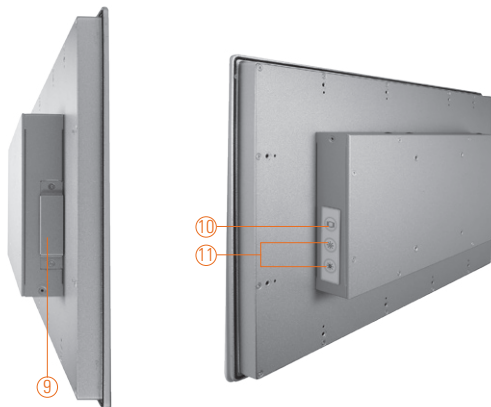
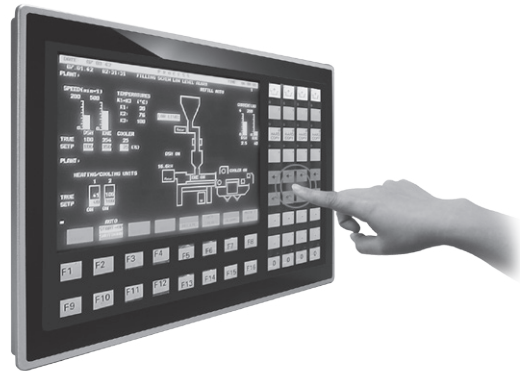


GOT3217W-845-PCT NEW

21.5" FHD TFT Multi-touch Panel Computer with Intel® Pentium® Processor N3710
(0°C to +50°C)

Features

- 21.5" FHD WXGA 10-point multi-touch projected capacitive wide screen
- Fanless design with Intel® Pentium® processor N3710
- 2.5" SATA HDD & mSATA
- 3G, WLAN module & antennas (optional)
- 2 Gigabit LANs, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- Adjust RS-232/422/485 setting via BIOS



▲ Rear view



1. Power switch
2. Terminal block for DC power input
3. USB 2.0 x 2
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. Ethernet x 2
7. USB 3.0 x 2
8. Audio (Line-out)
9. CFast™
10. Backlight switch
11. Brightness adjustment



Introduction

The GOT3217W-845-PCT adopts an 21.5-inch FHD LCD and supports Intel® Braswell processor. The Lite rugged industrial panel PC supports low power Intel® Pentium® processor N3710. It also provides two PCI Express Mini card slots for 3G, wireless network connectivity. This 21.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

21.5-inch FHD LCD with Projected Capacitive Multi-touch

The 21.5" FHD touch panel PC supports 250 nits brightness, able to display contents in HD resolution. With projected capacitive 10 points multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7h for anti-scratch purpose.

WLAN Antenna Supported (optional)

The IP65-rated industrial panel PC, GOT3217W-845-PCT, provides two PCI Express Mini card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	21.5" FHD TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1920 x 1080
Main System	CPU	Intel® Pentium® processor N3710 4C @1.6 GHz (Braswell)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i217LM & i210AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	10-point projected capacitive multi-touch
Power Supply	1. DC version: 24 VDC 2. AC version: 12 VDC 60W adapter
Power Consumption	48 W
Dimensions	547.6 mm (21.56") (W) x 58.5 mm (2.30") (D) x 339.0 mm (13.35") (H)
Packing Dimensions	720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (21.7") (H)
Weight (net/gross)	7.6 kg (16.8 lb)/10.5 kg (23.1 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1 G, 10 ~ 500 Hz, random for CFast™
Certificate	CE

Ordering Information

GOT3217W-845-PCT-J	21.5" FHD TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz quad core processor, 10-point projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)
GOT3217W-845-PCT-DC	21.5" FHD TFT fanless touch panel computer with Intel® Pentium® N3710 1.6 GHz quad core processor, 10-point projected capacitive multi-touch screen and 24 VDC terminal block connector

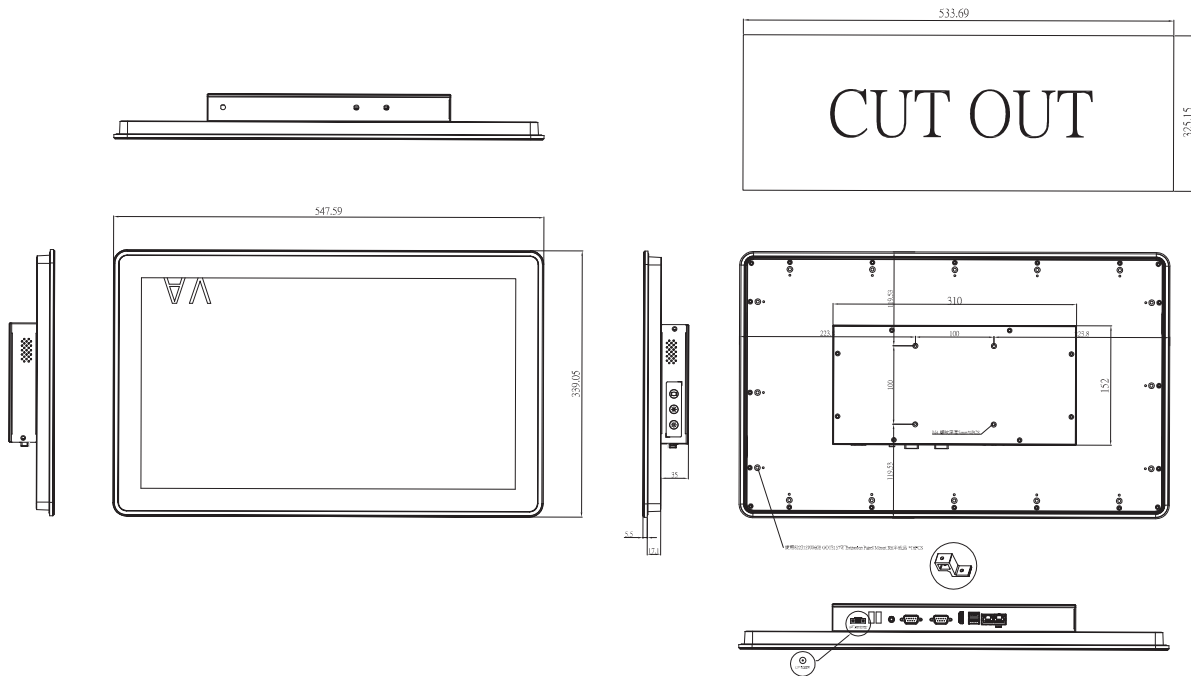
Optional EOS Installation

Windows® 10 IoT Enterprise (64-bit)

Optional OS Installation

Windows® 10 (64-bit)

Dimensions

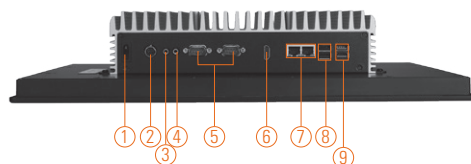
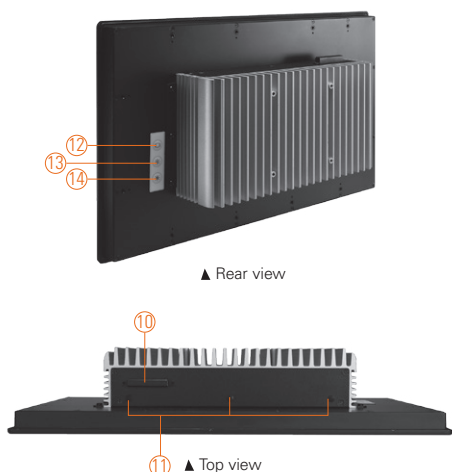
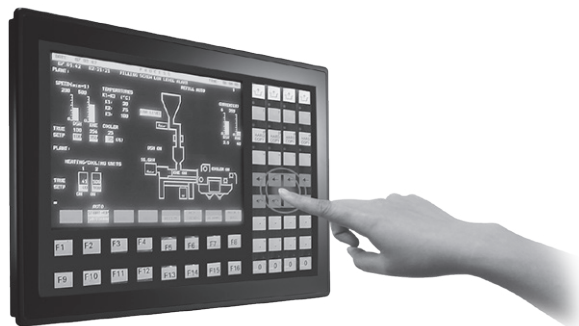


GOT3217W-881-PCT

21.5" FHD TFT Fanless Multi-touch Panel Computer with LGA1150 Socket 4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C to +40°C)

Features

- 21.5" FHD projected capacitive multi-touch screen
- Fanless design with LGA1150 socket 4th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Haswell)
- 2.5" SATA HDD, CFast™ and mSATA
- WLAN module & antenna (optional)
- 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 flat front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- 2 PCI Express Mini card slots



1. Power switch (ATX)
2. Power input connector
3. Audio (Line-out)
4. Audio (Mic-in)
5. COM1/2 (RS-232/422/485)
6. HDMI output
7. Gigabit LAN x 2
8. USB 2.0 x 2
9. USB 3.0 x 2
10. CFast™ card slot
11. Antenna x 3
12. LED backlight power on/off
13. Brightness +
14. Brightness -



Introduction

The GOT3217W-881-PCT adopts a 21.5-inch FHD TFT LCD and supports LGA1150 socket 4th generation Intel® Core™ and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded for a variety of applications. This industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

High Performance Intel® Core™-based Processor

The GOT3217W-881-PCT supports LGA1150 socket 4th generation Intel® Core™ and Celeron® Haswell processors. Users can choose different processor upon request. It also supports up to 8 GB DDR3-1333/1600 MHz memory. Rich I/O includes dual PCI Express Mini Card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

Reliable and Stable Design

The GOT3217W-881-PCT is a fanless cooling panel system designed for industrial machinery market. The Intel® Haswell panel PC can work under 1.0G (10 ~ 500Hz, random for CFast™ card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

21.5-inch Full HD TFT LCD with Projected Capacitive Multi-touch

The IP65-rated widescreen panel PC supports 250 nits brightness and can display contents in Full HD resolution. Its viewing angle is up to 178 (H)/178 (V) for wide angel viewing. With projected capacitive multi-touch screen, users can operate more directly and friendly.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	21.5" Full HD TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1920 x 1080
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Haswell), up to 45 W TDP
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3 1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ card 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 2 x Audio (Line-out & Mic-in) 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x 10/100/1000 Mbps Ethernet (Intel® i217LM & i210AT)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	19 VDC with adapter
Power Consumption	112 W
Dimensions	547.6 mm (21.56") (W) x 89.0 mm (3.50") (D) x 339.0 mm (13.35") (H)
Packing Dimensions	720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (2.17") (H)
Weight (net/gross)	8.1 kg (18.75 lb)/11.0 kg (24.25 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.0G, 10 ~ 500 Hz, random for CFast™ card
Certificate	CE

Ordering Information

GOT3217W-881-PCT-NP	21.5" FHD TFT fanless touch panel computer with LGA1150 socket Intel® 4th generation Core™ i7/i5/i3, Pentium® & Celeron® processor, projected capacitive multi-touch screen and AC-DC 19 VDC power adapter (power DIN 4P connector)
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Optional EOS Installation

WE8S

WES 7

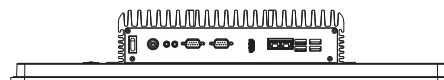
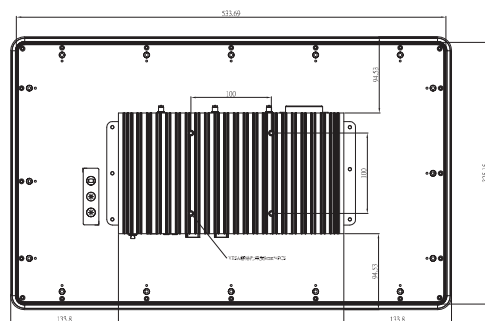
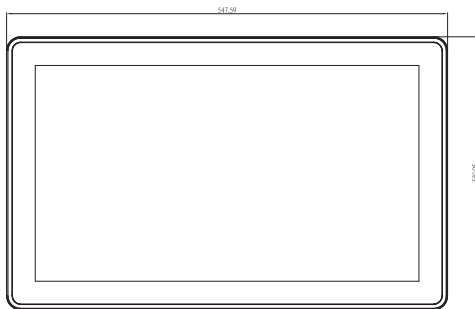
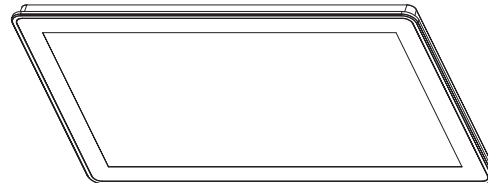
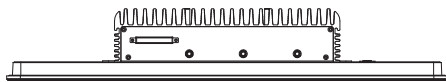
Optional OS Installation

Windows® 8.1

Windows® 7



Dimensions

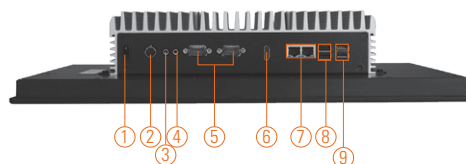
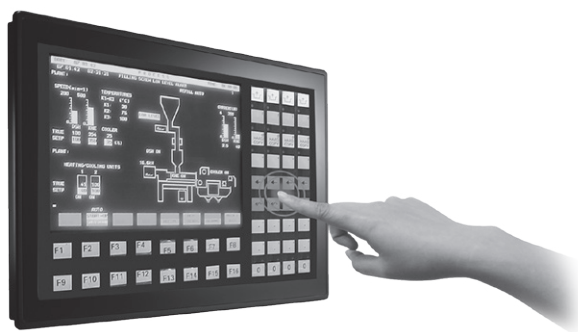
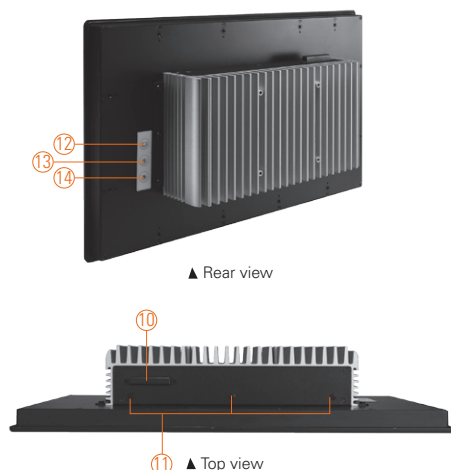


GOT3187W-881-PCT

18.5" WXGA TFT Fanless Multi-Touch Panel Computer with LGA1150 Socket 4th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor (0°C to +40°C)

Features

- 18.5" WXGA projected capacitive multi-touch screen
- Fanless design with LGA1150 socket 4th gen Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell)
- 2.5" SATA HDD, CFast™ and mSATA
- WLAN module & antenna (optional)
- 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- 2 PCI Express Mini card slots



1. Power switch (ATX)
2. Power input connector
3. Audio (Line-out)
4. Audio (Mic-in)
5. COM1/2 (RS-232/422/485)
6. HDMI output
7. Gigabit LAN x 2
8. USB 2.0 x 2
9. USB 3.0 x 2
10. CFast™ card slot
11. Antenna x 3
12. LED backlight power on/off
13. Brightness +
14. Brightness -



Introduction

The GOT3187W-881-PCT adopts an 18.5-inch WXGA LCD and supports LGA1150 socket 4th generation Intel® Core™, Pentium® and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded for a variety of applications. This industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

High Performance Haswell Processor

The GOT3187W-881-PCT supports LGA1150 socket 4th generation Intel® Core™ and Celeron® Haswell processors. Users can choose different processor upon request. It also supports up to 8 GB DDR3-1333/1600 MHz memory modules. Rich I/O includes dual PCI Express Mini card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

Reliable and Stable Design

The GOT3187W-881-PCT is a fanless cooling panel system designed for industrial machinery market. The Intel® Haswell panel PC can work under 1.0G (10 ~ 500Hz, random for CFast™ card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA IP65-rated touch panel PC supports 300 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more directly and friendly. The hardness of touch glass surface is up to 7h and is better for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1366 x 768
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Haswell), up to 45 W TDP
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3 1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ card 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 2 x Audio (Line-out & Mic-in) 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x 10/100/1000 Mbps Ethernet (Intel® i210AT)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	19 VDC with adapter
Power Consumption	109 W
Dimensions	460 mm (18.1") (W) x 89.5 mm (3.5") (D) x 285 mm (11.2") (H)
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	6.3 kg (13.9 lb) / 8.3 kg (18.29 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.0G, 10 ~ 500 Hz, random for CFast™ card
Certificate	CE

Ordering Information

GOT3187W-881-PCT-NP	18.5" WXGA TFT fanless touch panel computer with LGA1150 socket Intel® 4th generation Core™ i7/i5/i3, Pentium® & Celeron® processor, projected capacitive multi-touch screen and AC-DC 19 VDC power adapter (power DIN 4P connector)
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Optional EOS Installation

WE8S

WES 7

Optional OS Installation

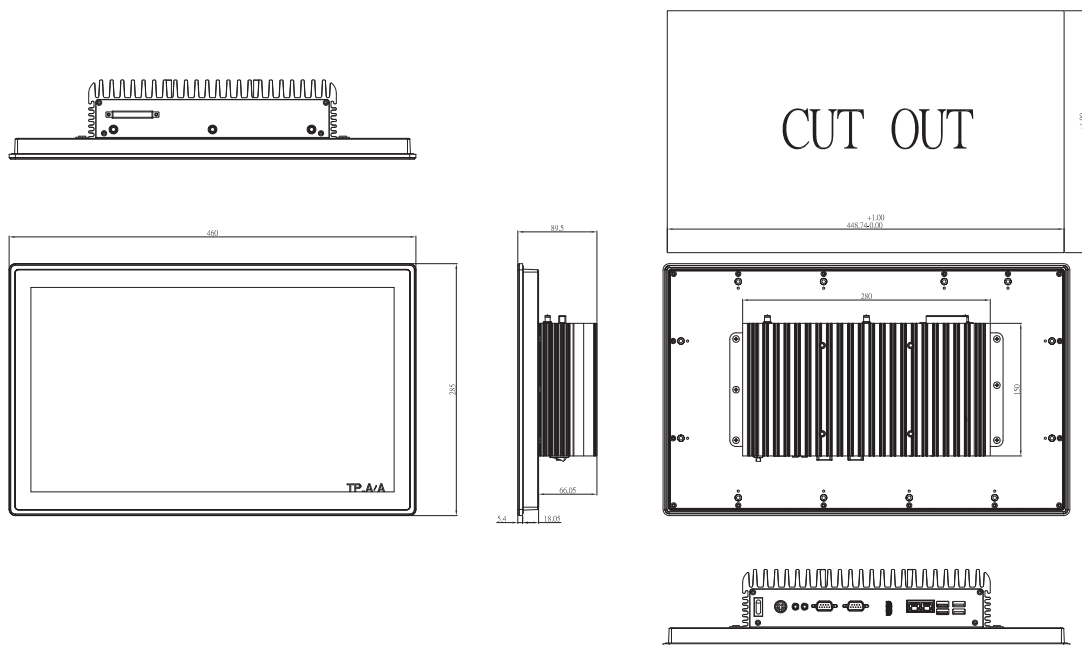
Windows® 8.1

Windows® 7



▲ Ideal for factory automation & self-service kiosk in retail

Dimensions

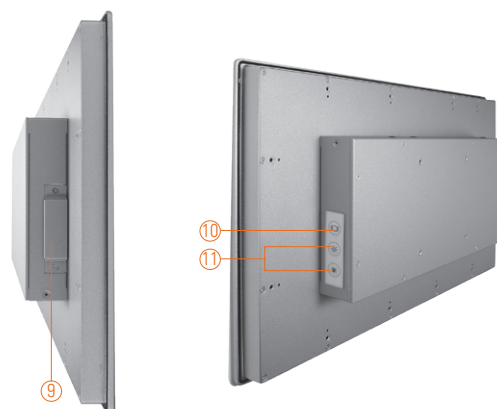


GOT3187WL-834-PCT NEW

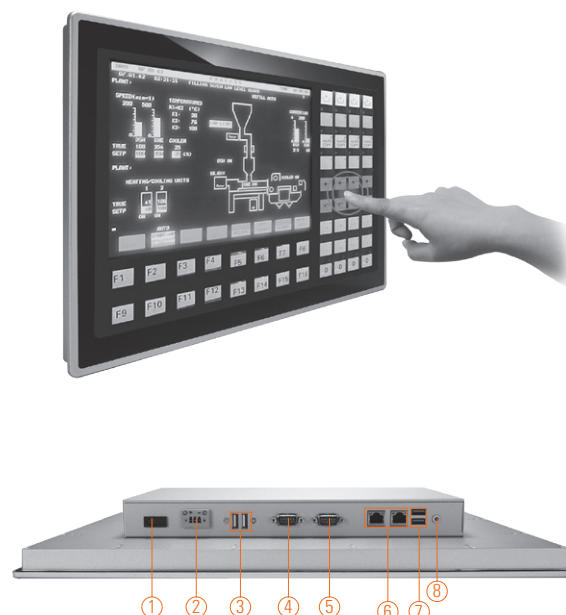
18.5" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900 (0°C to +40°C)

Features

- 18.5" WXGA projected capacitive multi-touch wide screen
- Fanless design with Intel® Celeron® Processor J1900
- 2.5" SATA HDD & CFast™ or mSATA
- 3G, WLAN module & antennas (optional)
- 2 Gigabit LANs, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- 0°C to +40°C wide temperature range
- Adjust RS-232/422/485 setting via BIOS



▲ Rear view



1. Power switch
2. Terminal block for DC power input
3. USB 2.0 x 2
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. Ethernet x 2
7. USB 3.0 x 2
8. Audio (Line-out)
9. CFast™
10. Backlight switch
11. Brightness adjustment



Introduction

The GOT3187WL-834-PCT adopts an 18.5-inch WXGA LCD and supports Intel® Bay Trail-D processor. The Lite rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCI Express Mini card slots for 3G, wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA touch panel PC supports 250 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate the device more directly and friendly. The hardness of touch glass surface is up to 7H for anti-scratch purpose.

WLAN Antenna Supported (optional)

The IP65-rated industrial panel PC, GOT3187WL-834-PCT, provides two PCI Express Mini card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4C @2.0 GHz (Bay Trail-D)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch
Power Supply	1. DC version: 12-36 VDC 2. AC version: 12 VDC 60W adapter
Power Consumption	48 W
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1 G, 10 ~ 500 Hz, random for CFast™
Certificate	CE

Ordering Information

GOT3187WL-834-PCT-J	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)
GOT3187WL-834-PCT-DC	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and 12-36 VDC terminal block connector

Optional EOS Installation

WE8S

WES 7

Optional OS Installation

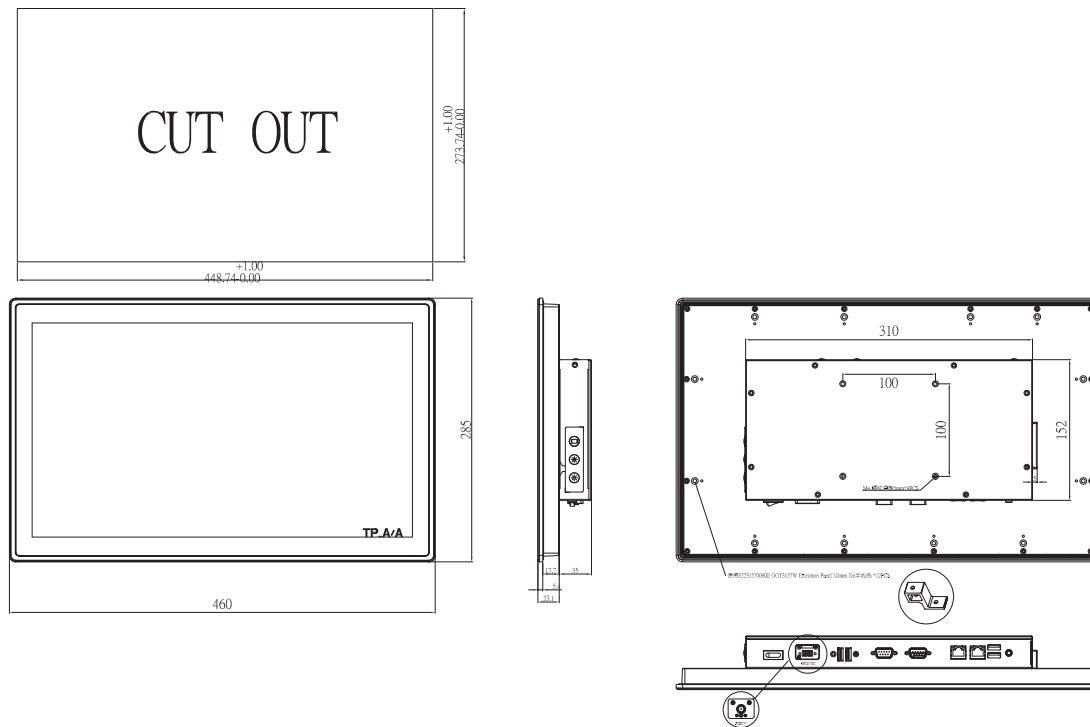
Windows® 8.1

Windows® 7



▲ Ideal for factory automation & self-service kiosk in retail

Dimensions



GOT3187W-834-PCT

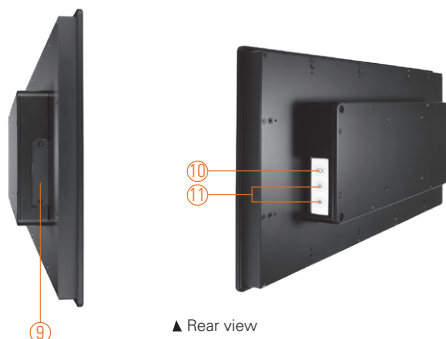
18.5" WXGA TFT Multi-touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C to +50°C)

Features

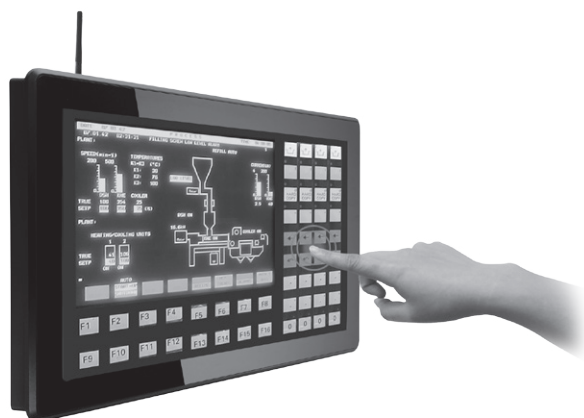
- 18.5" WXGA projected capacitive multi-touch wide screen
- Fanless and modularized design
- Intel® Celeron® processor J1900
- 2.5" SATA HDD & CFast™ or mSATA
- 3G, WLAN module & antennas (optional)
- 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- -10°C to +50°C wide temperature range
- Adjust RS-232/422/485 setting via BIOS



▲ Modularized design



▲ Rear view



1. Power switch
2. Terminal block for DC power input
3. USB 2.0 x 2
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. Ethernet x 2
7. USB 3.0 x 2
8. Audio (Line-out)
9. CFast™ slot
10. Backlight switch
11. Brightness adjustment

Introduction

The GOT3187W-834-PCT adopts an 18.5-inch WXGA LCD and supports Intel® Bay Trail-D processor. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides 2 PCI Express Mini Card slots for 3G, wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range Support

The Intel® Bay Trail-based GOT3187W-834-PCT applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Support (optional)

The 18.5" IP65 industrial panel PC, GOT3187W-834-PCT, provides 2 PCI Express Mini Card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4C @2.0 GHz
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Realtek RTL8111E)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch
Power Supply	1. DC version: 9~36 VDC 2. AC version: 12 VDC 60W adapter
Power Consumption	49 W
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)
Environment	Operating temperature: -10°C to +50°C (+14°F ~ +122°F) Relative humidity: 20% - 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

Ordering Information

GOT3187W-834-PCT-J	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)
GOT3187W-834-PCT-DC	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and 9~36 VDC terminal block connector

Optional EOS Installation

WE8S
WES 7

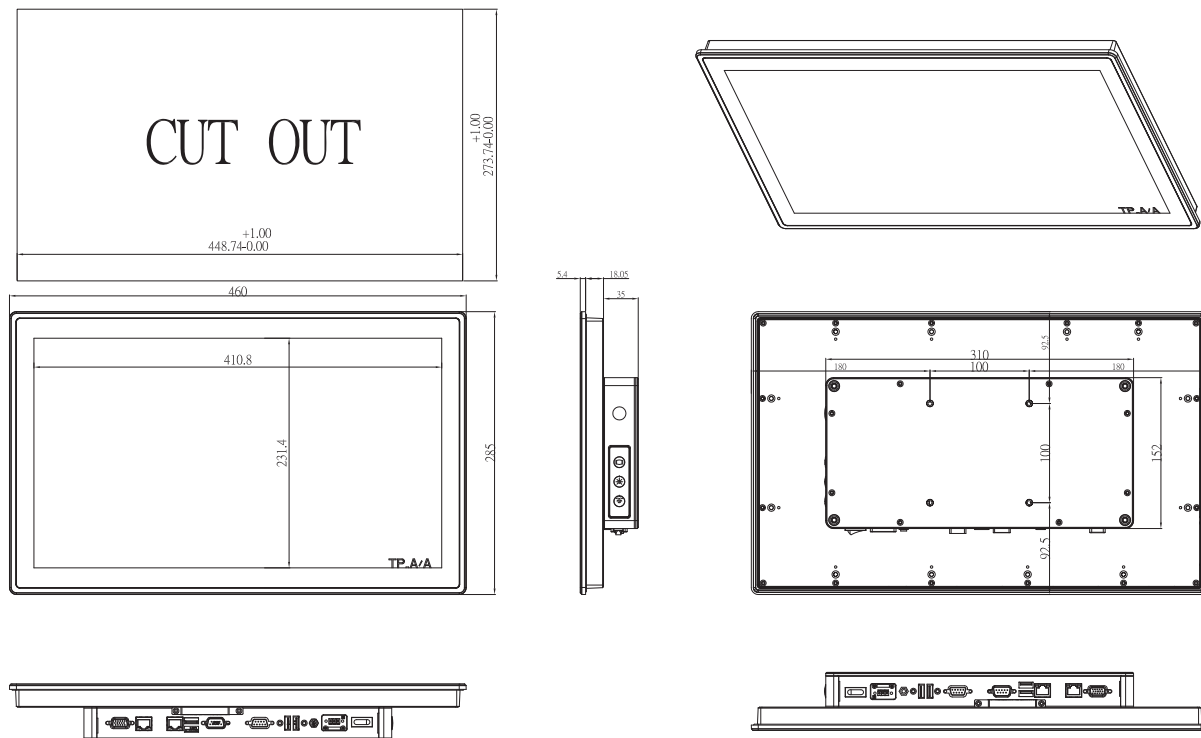
Optional OS Installation

Windows® 8.1
Windows® 7



▲ Ideal for factory automation & self-service kiosk in retail

Dimensions



GOT3187W-111-PCT

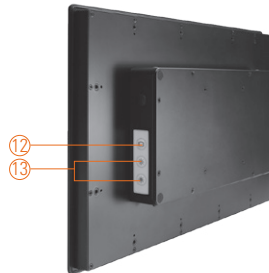
18.5" WXGA TFT Fanless Multi-Touch Panel Computer
with AMD G Series Processor T56N (-10°C to +45°C)

Features

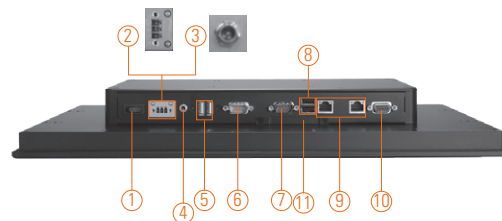
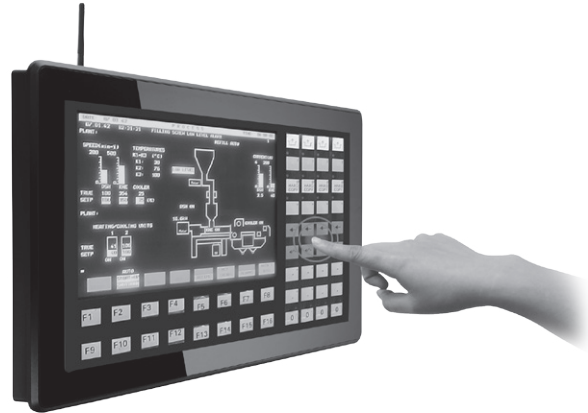
- 18.5" WXGA projected capacitive multi-touch wide screen
- Fanless and modulized design
- AMD G-series processor T56N 1.65 GHz
- 2.5" SATA HDD & CompactFlash™ type II
- WLAN module & antenna (optional)
- 2 Gigabit LAN, 4 USB 2.0 & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/
wall mount
- -10°C to +45°C wide temperature range



▲ Modulized design



▲ Rear view



1. Power switch
2. Terminal block for DC power input
3. Screw conn. w/ AC power adapter
4. Audio (Line-out)
5. USB 2.0 x 2
6. COM 2 (RS-232)
6. COM 1 (RS-232/422/485)
8. USB 2.0 x 2
9. Ethernet x 2
10. VGA
11. CF slot
12. Backlight switch
13. Brightness adjustment



Introduction

The GOT3187W-111-PCT adopts an 18.5-inch WXGA LCD and supports AMD G-series processor 56N 1.65 GHz. By supporting a wide range operating temperature from -10°C to +45°C, it can be used in harsh environment. The fanless HMI can work under 2.0G (10 ~ 500Hz, random for CompactFlash™) in operation mode with a patent of anti-vibration design. It also provides one PCIe mini card slot for 3G, wireless network connectivity. The 18.5" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range Support (-10°C to +45°C)

The AMD G-series high performance GOT3187W-111-PCT applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA touch panel PC supports 300 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more directly and friendly. The hardness of touch glass surface is up to 7H and is better for anti-scratch purpose.

WLAN Antenna Supported (optional)

The 18.5" IP65 fanless industrial panel computer, GOT3187W-111-PCT, provides one PCIe mini card slot and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1366 x 768
Main System	CPU	AMD G-series processor T56N 2C @1.65 GHz
	Chipset	AMD A50M FCH
	System Memory	1 x 204-pin DDR3-1333/1600 SO-DIMM, up to 4GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated AMD GFX-Radeon HD6320

Specifications

I/O Connector	1 x RS-232 (COM 1) 1 x RS-232/422/485 (COM 2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 1 x VGA 4 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i219LM/i211AT)
Expansion Interface	1 x PCIe Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	1. DC version: 10~30 VDC 2. AC version: 12 VDC 60W adapter
Power Consumption	63 W
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D) x 285 mm (11.22") (H)
Packing Dimensions	600 mm (23.58") (W) x 19.5 mm (7.67") (D) x 500 mm (19.68") (H)
Weight (net/gross)	5.8 kg (12.8 lb)/7.8 kg (17.2 lb)
Environment	Operating temperature: -10°C ~ +45°C (+14°F ~ +113°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE

Ordering Information

GOT3187W-111-PCT-DC	18.5" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and 10~30 VDC terminal block connector
GOT3187W-111-PCT-J	18.5" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)

Optional EOS Installation

WES (single-touch function)
WES 7E (32-bit, single-touch function)
WES 7P (32-bit, multi-touch function)

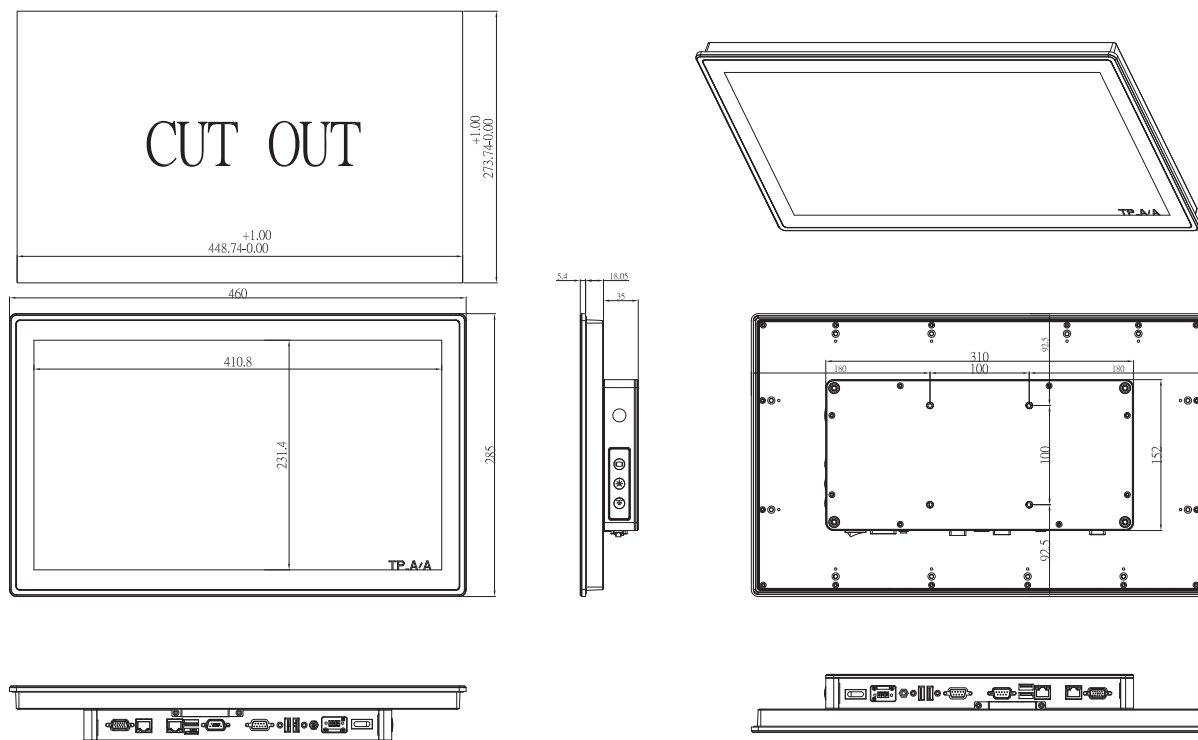
Optional OS Installation

Windows® XP (single-touch function)
Windows® 7 (32-bit, multi-touch function)



▲ Ideal for factory automation & self-service kiosk in retail

Dimensions

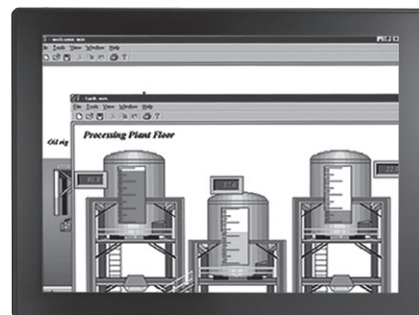


GOT3177T-311-FR NEW

17" SXGA TFT Flat Bezel Expandable Touch Panel Computer with
Intel® Pentium® Processor N4200 (-10°C to +50°C)

Features

- 17" SXGA TFT flat resistive touch
- Fanless and modularized design
- Intel® Pentium® processor N4200 (Apollo Lake-M)
- 2.5" SATA HDD, CFast™ and mSATA
- WLAN module & antenna (optional)
- 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0, 4 COM Port and 1 half-sized PCIe (optional)
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount



Introduction

The GOT3177T-311-FR adopts a 17-inch SXGA LCD and supports Intel® Apollo Lake processor. By supporting a wide range operating temperature from -10°C ~ +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Pentium® processor N4200. It also provides 2 PCI Express Mini Card slots for 3G, wireless network connectivity and 1 half-sized PCIe card slot for more expansions. The 17" flat front bezel touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range

The Intel® Apollo Lake-based GOT3177T-311-FR applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Supported (optional)

The 17" SXGA IP65 industrial panel PC, GOT3177T-311-FR, provides 2 PCI Express Mini Card slots and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 1024
Main System	CPU	Intel® Celeron® processor N4200 4C @1.6 GHz (Apollo Lake-M)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232 2 x RS-232/422/485 (default RS-232) 2 x Audio (Line-out/Mic-in) 2 x USB 2.0 2 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x PCIe Mini Card slot (with SIM slot, full size) 1 x PCIe Mini Card slot (supports mSATA optional, full size)
Touchscreen	Flat resistive touch
Power Supply	DC version: 9~36 VDC
Power Consumption	TBD
Dimensions	398.02 mm (15.64") (W) x 59.9 mm (2.36") (D) x 330.44 mm (13.01") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	4.8 kg (10.6 lb)/7.1 kg (15.67 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +140°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.0 G, 10 ~ 500Hz, random for CFast™ card
Certificate	CE

Ordering Information

GOT3177T-311-FR-DC	17" SXGA TFT fanless touch panel computer with Intel® Pentium® processor N4200 1.6 GHz quad core, 5-wire flat resistive touch screen and 9~36 VDC terminal block connector
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Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

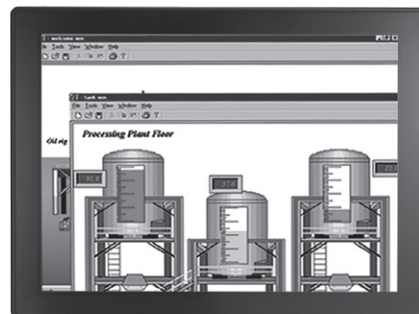
Windows® 10

GOT3177T-501-FR NEW

17" SXGA TFT Flat Bezel Touch Panel Computer with LGA1151 Socket
6th/7th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C to +45°C)

Features

- 17" SXGA TFT flat front bezel resistive touch
- Fanless design with LGA1151 socket 6th/7th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (0°C to +45°C)
- 2.5" SATA HDD, CFast™ and mSATA
- WLAN module & antenna (optional)
- 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0, 4 COM Port and 1 half-sized PCIe (optional)
- IP65 front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- 2 PCI Express Mini Card slots



Introduction

The GOT3177T-501-PCT adopts a 17-inch TFT SXGA LCD and supports LGA1151 socket 6th/7th generation Intel® Core™ and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded & Windows 10 for a variety of applications. This industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

High Performance Intel® Core™-based Haswell Processor

The GOT3177W-501-PCT supports LGA1151 socket 6th/7th generation Intel® Core™, Pentium® and Celeron® processors. Users can choose different processor upon request. It also supports DDR4-2166 MHz SO-DIMM memory modules up to 32GB. Rich I/O includes dual PCIe mini card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

Reliable and Stable Design

The GOT3177W-501-PCT is a fanless cooling panel system and a best control solution for industrial machinery market. For high capacity storage requirement, the Intel® Skylake-S panel PC can work under 1.0G (10 – 500Hz, random for CFast™ card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

17-inch Full SXGA TFT LCD with Projected Capacitive Multi-touch

The IP65 widescreen panel PC supports 350 nits brightness and can display contents in SXGA resolution. Its viewing angle is up to 178(H)/178(V) for wide angel viewing. With projected capacitive multi-touch screen, users can operate more directly and friendly.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 1024
Main System	CPU	LGA1151 socket 6th/7th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Skylake-S)
	Chipset	Intel® H110
	System Memory	2 x 260-pin DDR4-2166 SO-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232) 1 x Audio (Line-out) 4 x USB 3.0 2 x 10/100/1000 Mbps Ethernet 1 x HDMI
Expansion Interface	1 x PCIe Mini Card slot (with SIM slot, full size) 1 x PCIe Mini Card slot (supports mSATA optional, full size)
Touchscreen	Flat resistive touch
Power Supply	DC version: 19–24 VDC
Power Consumption	TBD
Dimensions	398.02 mm (15.64") (W) x 59.9 mm (2.36") (D) x 330.44 mm (13.01") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	4.8 kg (10.6 lb)/7.1 kg (15.67 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.0G, 10 ~ 500Hz, random for CFast™ card
Certificate	CE

Ordering Information

GOT3177T-501-PCT-NP	17" SXGA TFT fanless touch panel computer with LGA1151 socket Intel® 6th/7th generation Core™ i7/i5/i3, Pentium® & Celeron® processor, projected capacitive multi-touch screen and 19–24 VDC terminal block connector
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Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

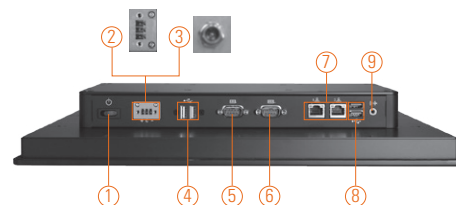
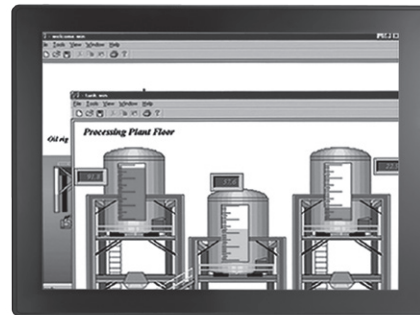
Windows® 10

GOT3177T-834

17" SXGA TFT Flat Bezel Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C to +50°C)

Features

- 17" SXGA TFT flat resistive touch
- Fanless and modularized design
- Intel® Bay Trail-D Celeron® processor J1900
- 2.5" SATA HDD & CFast™ or mSATA
- WLAN/3G module & antenna (optional)
- 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0 and 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- -10°C to +50°C wide temperature range



1. Power switch
2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter
4. USB 2.0 x 2
5. COM 1 (RS-232/422/485)
6. COM 2 (RS-232/422/485)
7. Ethernet x 2
8. USB 3.0 x 2
9. Audio (Line-out)
10. CFAST™ slot
11. Backlight switch
12. Brightness adjustment



Introduction

The GOT3177T-834 adopts a 17-inch SXGA LCD and supports Intel® Bay Trail-D processor. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides 2 PCI Express Mini Card slots for 3G, wireless network connectivity. The 17" flat front bezel touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range Support

The Intel® Bay Trail-based GOT3177T-834 applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Support (optional)

The 17" SXGA IP65 industrial panel PC, GOT3177T-834, provides 2 PCI Express Mini Card slots and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 1024
Main System	CPU	Intel® Bay Trail-D Celeron® processor J1900 4C @2.0 GHz
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0 ~ 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232) 1 x Audio (Line-out) 2 x USB 2.0 2 x USB 3.0 2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x PCIe Mini Card slot (with SIM slot, full size) 1 x PCIe Mini Card slot (supports mSATA optional, full size)
Touchscreen	Flat resistive touch
Power Supply	1. DC version: 9~36 VDC 2. AC version: 12 VDC with adapter
Power Consumption	50 W
Dimensions	398.02 mm (15.64") (W) x 59.9 mm (2.36") (D) x 330.44 mm (13.01") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	4.8 kg (10.6 lb)/7.1 kg (15.67 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

Ordering Information

GOT3177T-834-FR-DC	17" SXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, 5-wire flat resistive touch screen and 9~36 VDC terminal block connector
GOT3177T-834-FR-J	17" SXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, 5-wire flat resistive touch screen and AC-DC 12 VDC power adapter (screw type connector)

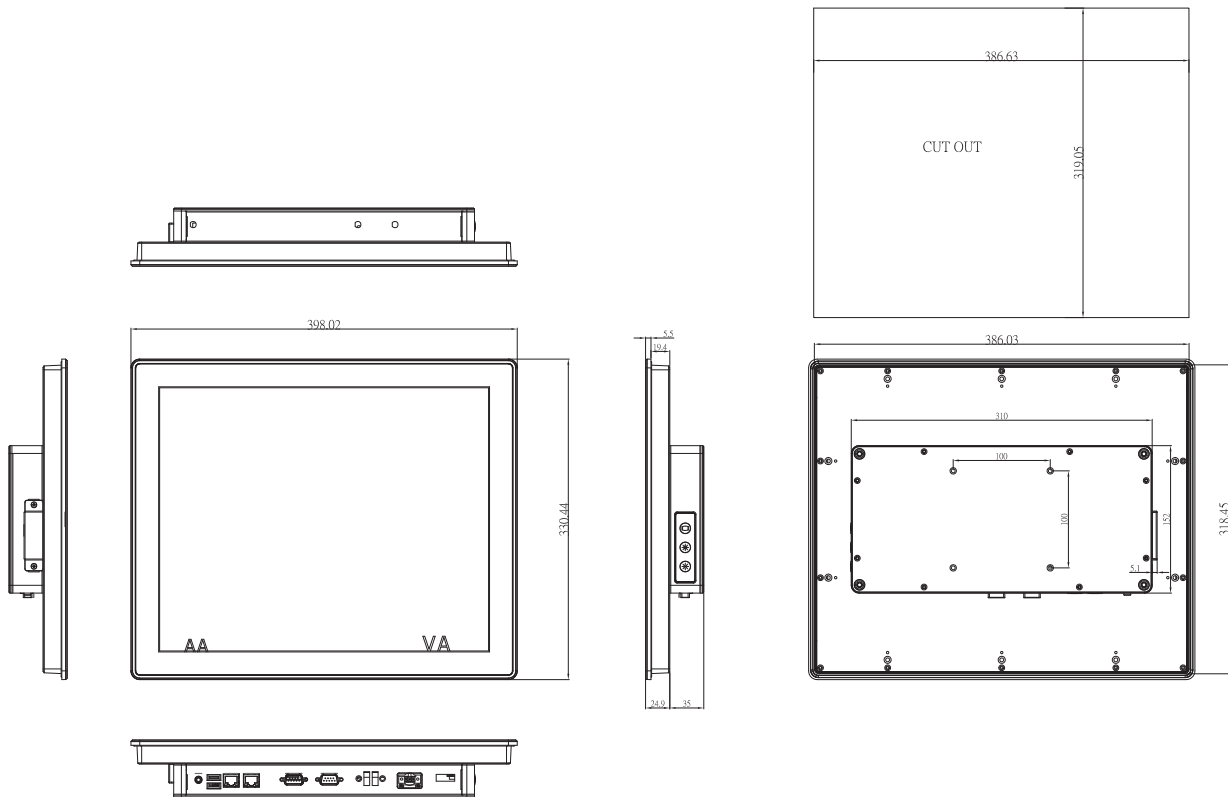
Optional EOS Installation

WES 7
WEBS

Optional OS Installation

Windows® 8.1
Windows® 7

Dimensions

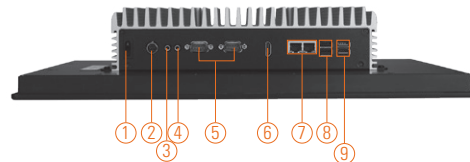
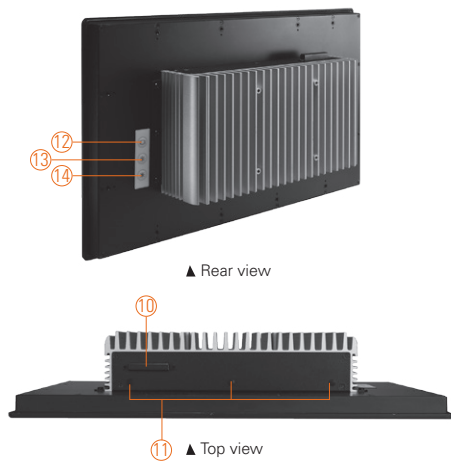
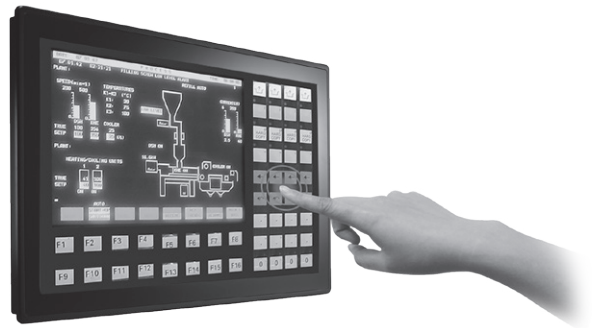


GOT3157W-881-PCT

15.6" WXGA TFT Fanless Multi-touch Panel Computer with LGA1150 Socket
4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processors (0°C to +40°C)

Features

- 15.6" WXGA projected capacitive multi-touch screen
- Fanless design with LGA1150 socket 4th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processors (Haswell)
- 2.5" SATA HDD, CFast™ and mSATA
- WLAN module and antenna (optional)
- 2 Gigabit LANs, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- 2 PCI Express Mini Card slots



- | | | |
|-----------------------------|----------------------|--------------------------------|
| 1. Power switch (ATX) | 6. HDMI output | 11. Antenna x 3 |
| 2. Power input connector | 7. Gigabit LAN x 2 | 12. LED backlight power On/Off |
| 3. Audio (Line-out) | 8. USB 2.0 x 2 | 13. Brightness + |
| 4. Audio (Mic-in) | 9. USB 3.0 x 2 | 14. Brightness - |
| 5. COM 1/2 (RS-232/422/485) | 10. CFast™ card slot | |



Introduction

The GOT3157W-881-PCT adopts a 15.6-inch WXGA LCD and supports LGA1150 socket 4th generation Intel® Core™, Pentium® and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded for a variety of applications. This 15.6" WXGA industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

High Performance Haswell Desktop Processor

The GOT3157W-881-PCT supports LGA1150 socket 4th generation Intel® Core™ and Celeron® Haswell processors. Users can choose different processor upon request. It also supports up to 8 GB DDR3-1333/1600 MHz memory. Rich I/O includes dual PCI Express Mini Card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

Reliable and Stable Design

The GOT3157W-881-PCT is a fanless cooling panel system designed for industrial machinery market. The Intel® Haswell panel PC can work under 1.0 G (10 ~ 500Hz, random for CFast™ card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA Intel® Haswell-based touch panel PC supports 400 nits high brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more intuitively and directly. The hardness of touch glass surface is up to 7h and is better for anti-scratch purpose.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processors (Haswell), up to 45 W TDP
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ card 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 2 x Audio (Line-out & Mic-in) 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x 10/100/1000 Mbps Ethernet (Intel® i219LM/i211AT)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	19 VDC with adapter
Power Consumption	100 W
Dimensions	396.8 mm (15.6") (W) x 89.5 mm (3.5") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)
Weight (net/gross)	5.5 kg (12.13 lb)/7.5 kg (16.53 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.0 G, 10 ~ 500 Hz, random for CFast™ card
Certificate	CE

Ordering Information

GOT3157W-881-PCT-NP	15.6" WXGA TFT fanless touch panel computer with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processors, projected capacitive multi-touch screen and AC-DC 19 VDC power adapter (power DIN 4P connector)
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Optional EOS Installation

WE8S

WES 7

Optional OS Installation

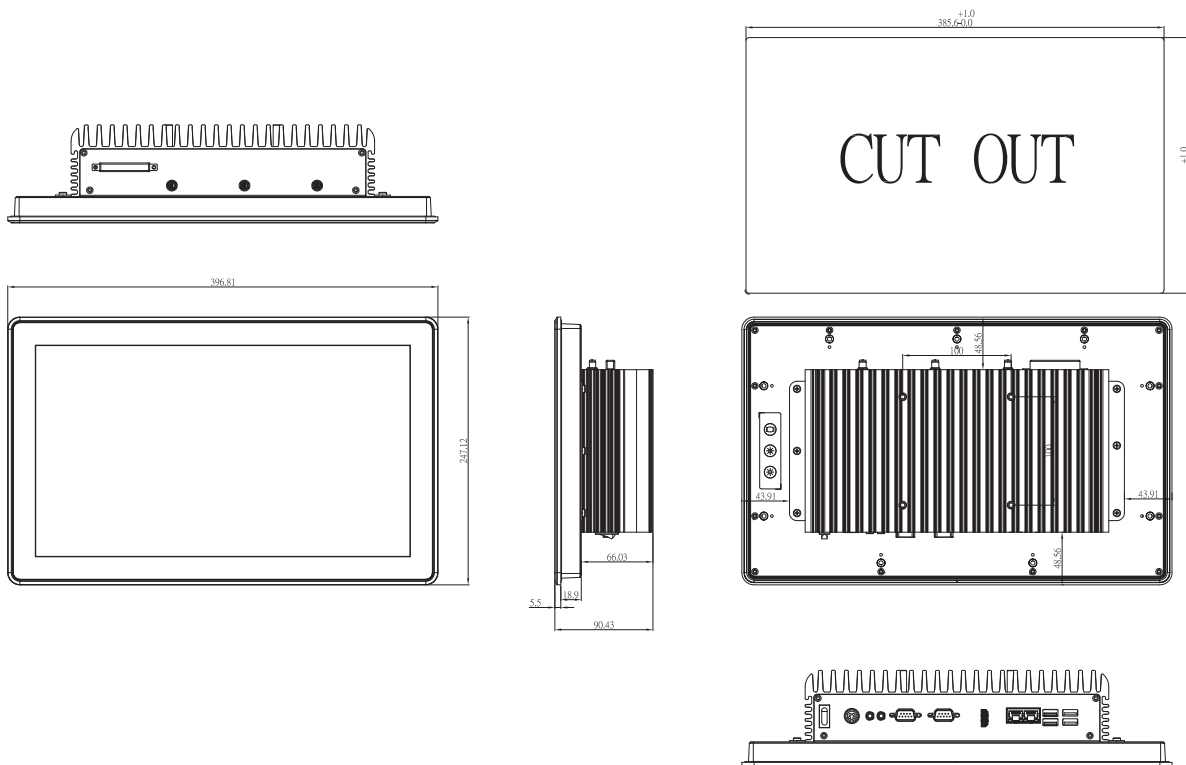
Windows® 8.1

Windows® 7



▲ Ideal for factory automation & self-service kiosk in retail

Dimensions

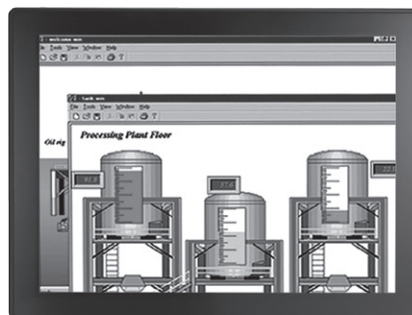


GOT3157T-311-FR NEW

15" SXGA TFT Flat Front Bezel Expandable Touch Panel Computer with Intel® Pentium® Processor N4200 (-10°C ~ +50°C)

Features

- 15" XGA TFT flat resistive touch with Fanless and modularized design
- Intel® Pentium® processor N4200 (Apollo Lake-M)
- 2.5" SATA HDD & CFast™ or mSATA
- WLAN/3G module & antenna (optional)
- 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0, 4 COM Port and 1 half-sized PCIe (optional)
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- -20°C to +60°C wide temperature range



Introduction

The GOT3157T-311-FR adopts a 15-inch XGA LCD and supports Intel® Apollo Lake processor. By supporting a wide range operating temperature from -10°C ~ +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Pentium® processor N4200. It also provides 2 PCI Express Mini Card slots for 3G, wireless network connectivity and 1 PCIe half card slot for more expansions. The 15" flat front bezel touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range

The Intel® Apollo Lake-based GOT3157T-311-FR applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Supported (optional)

The 15" SXGA IP65 industrial panel PC, GOT3157T-311-FR, provides 2 PCI Express Mini Card slots and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15" SXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1024 x 768
Main System	CPU	Intel® Celeron® processor N4200 4C @1.6 GHz (Apollo Lake-M)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0 ~ 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232 2 x RS-232/422/485 (default RS-232) 2 x Audio (Line-out/Mic-in) 1 x HDMI 2 x USB 2.0 2 x USB 3.0 2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x PCIe Mini Card slot (with SIM slot, full size) 1 x PCIe Mini Card slot (supports mSATA optional, full size) 1 x half-sized PCIe1 Card Slot
Touchscreen	Flat resistive touch
Power Supply	DC version: 9~36 VDC
Dimensions	398.02 mm (15.64") (W) x 59.9 mm (2.36") (D) x 330.44 mm (13.01") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	4.8 kg (10.6 lb)/7.1 kg (15.67 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

Ordering Information

GOT3157T-311-FR-DC	15" SXGA TFT fanless touch panel computer with Intel® Pentium® processor N4200 1.6 GHz quad core, 5-wire flat resistive touch screen and 9~36 VDC terminal block connector
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Optional EOS Installation

Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 10

Heavy-duty
Fanless
Touch Panel
Computers

0

1

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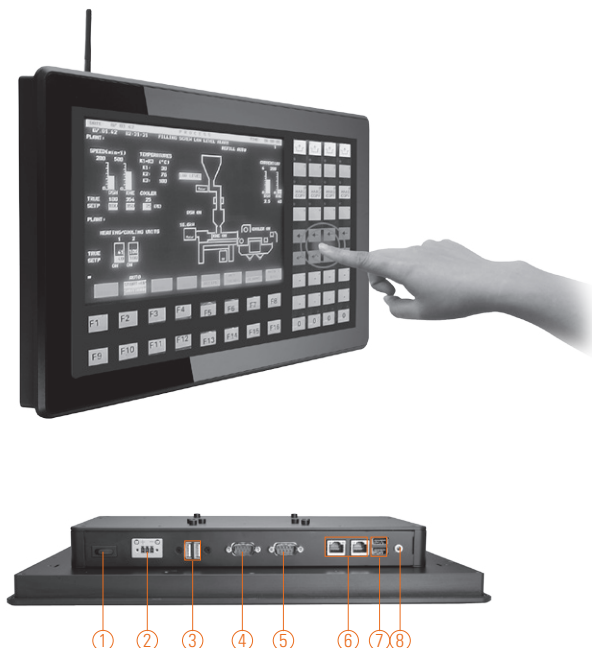
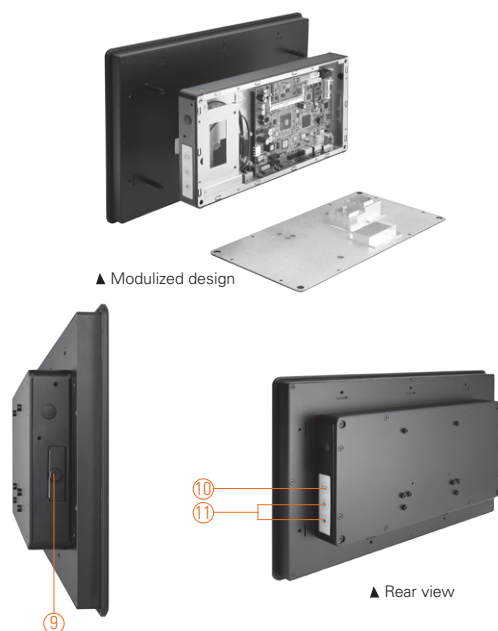


GOT3157W-834-PCT

15.6" WXGA TFT Fanless Multi-touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C to +50°C)

Features

- 15.6" WXGA TFT with projected capacitive multi-touch
- Fanless design with Intel® Celeron® processor J1900 4C@2.0 GHz (Bay Trail)
- 2.5" SATA HDD & CFast™ or mSATA
- WLAN/3G module & antenna (optional)
- 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0 and 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- -10°C to +50°C wide temperature range
- Adjust RS-232/422/485 setting via BIOS



1. Power switch
2. Terminal block for DC power input
3. USB 2.0 x 2
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. Ethernet x 2
7. USB 3.0 x 2
8. Audio (Line-out)
9. CFast™ slot
10. Backlight switch
11. Brightness adjustment



Introduction

The GOT3157W-834-PCT adopts a 15.6-inch WXGA LCD and supports Intel® Bay Trail-D processor. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCI Express Mini Card slots for 3G, wireless network connectivity. This 15.6" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range

The Intel® Bay Trail-based GOT3157W-834-PCT applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Supported (optional)

The 15.6" WXGA IP65 industrial panel PC, GOT3157W-834-PCT, provides two PCI Express Mini Card slots and WLAN antennas for 3G and wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m ²)	400 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Bay Trail-D Celeron® processor J1900 4C@ 2.0 GHz
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 2 x USB 3.0, 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210AT)
Expansion Interface	2 x PCIe Mini Card slots
Touchscreen	Projected Capacitive multi-touch
Power Supply	1. DC version: 9~36 VDC 2. AC version: 12 VDC with adapter
Power Consumption	45 W
Dimensions	396 mm (15.6") (W) x 53.9 mm (2.12") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	525 mm (20.67") (W) x 470 mm (18.51") (D) x 186 mm (7.32") (H)
Weight (net/gross)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE

Ordering Information

GOT3157W-834-PCT-J	15.6" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and AC-DC 12 VDC power adapter (screw type connector)
GOT3157W-834-PCT-DC	15.6" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz quad core processor, projected capacitive multi-touch screen and 9~36 VDC terminal block connector

Optional EOS Installation

WES7

WE8S

Optional OS Installation

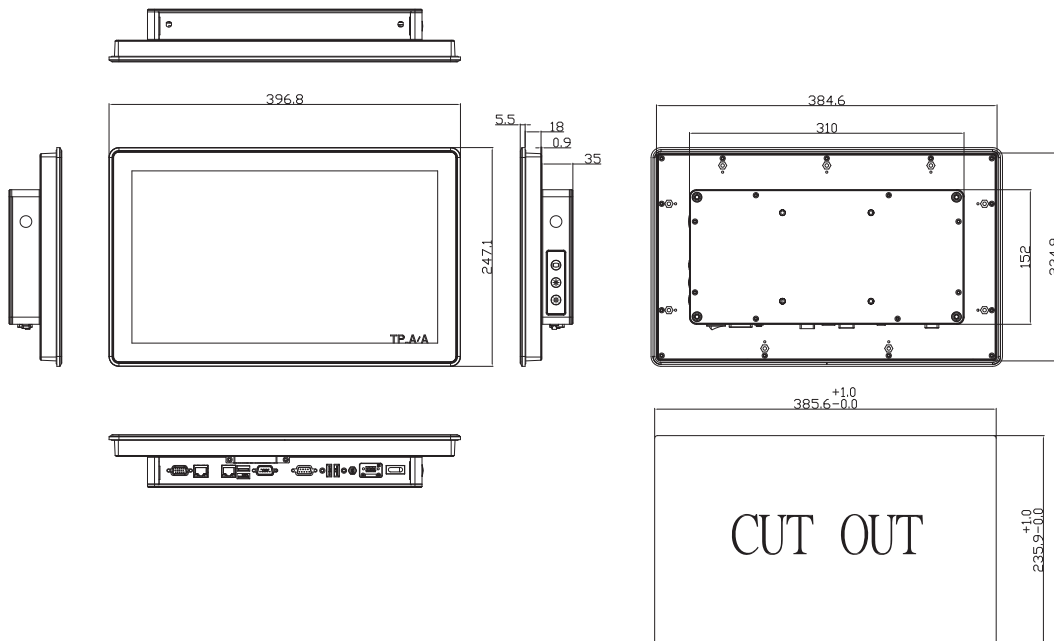
Windows® 8.1

Windows® 7



▲ Ideal for factory automation & self-service kiosk in retail

Dimensions

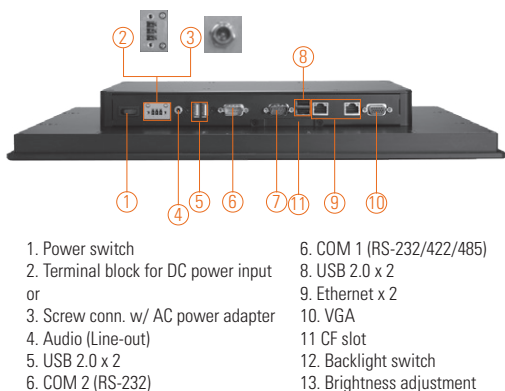
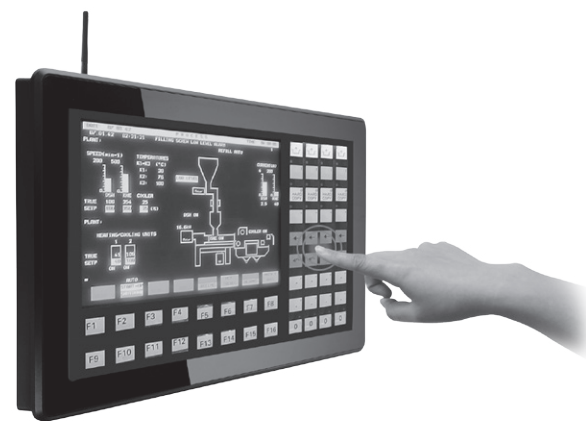
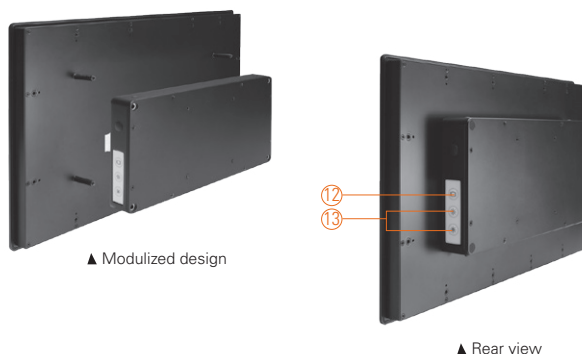


GOT3157W-111-PCT

15.6" WXGA TFT Fanless Multi-touch Panel Computer with AMD G-series Processor T56N (-10°C to +45°C)

Features

- 15.6" WXGA multi-touch projected capacitive wide screen
- Fanless and modularized design
- Fan AMD G-series processor T56N 1.65 GHz
- 2.5" SATA HDD & CompactFlash™ type II
- WLAN module & antenna (optional)
- 2 Gigabit LAN, 4 USB 2.0, 1 VGA & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- -10°C to +45°C wide temperature range



Introduction

The GOT3157W-111-PCT adopts a 15.6-inch WXGA LCD and supports AMD G-series processor 56N 1.65 GHz. By supporting a wide range operating temperature from -10°C to +45°C, it can be used in harsh environment. The fanless HMI can work under 2.0 G (10 ~ 500Hz, random for CompactFlash™) in operation mode with a patent of anti-vibration design. It also provides one PCIe mini card slot for 3G, wireless network connectivity. The 15.6" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range (-10°C to +45°C)

The AMD G-series high performance GOT3157W-111-PCT applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Supported (optional)

The 15.6" IP65 fanless industrial panel computer, GOT3157W-111-PCT, provides one PCIe mini card slot and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65 front bezel
LCD Panel	Display Type 15.6" WXGA TFT LCD
	Brightness (cd/m ²) 400 nits
	Resolution 1366 x 768
Main System	CPU AMD G-series processor T56N 2C @1.65 GHz
	Chipset AMD A50M FCH
	System Memory 1 x 204-pin DDR3-1333/1600 SO-DIMM, up to 4GB
	BIOS AMI UEFI BIOS
	Storage 1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer 255 levels, 0~255 sec.
	Onboard Graphics Integrated AMD GFX-Radeon HD6320

Specifications

I/O Connector	1 x RS-232 (COM 1) 1 x RS-232/422/485 (COM 2) 1 x Switch for power on/off (ATX) 1 x Audio (Line-out) 1 x VGA 4 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Realtek RTL8111E)
Expansion Interface	1 x PCIe Mini Card slot
Touchscreen	Capacitive multi-touch
Power Supply	1. DC version: 10~30 VDC 2. AC version: 12 VDC with adapter
Power Consumption	51 W
Dimensions	396 mm (15.6") (W) x 53.9 mm (2.12") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	525 mm (20.67") (W) x 470 mm (18.51") (D) x 186 mm (7.32") (H)
Weight (net/gross)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)
Environment	Operating temperature: -10°C ~ +45°C (+14°F ~ +113°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE

Ordering Information

GOT3157W-111-PCT-DC	15.6" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and 10~30 VDC terminal block connector
GOT3157W-111-PCT-J	15.6" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and AC-DC 12 V power adapter (screw type connector)

Optional EOS Installation

WES (single-touch function)
WES 7E (32-bit, single-touch function)
WES 7P (32-bit, multi-touch function)

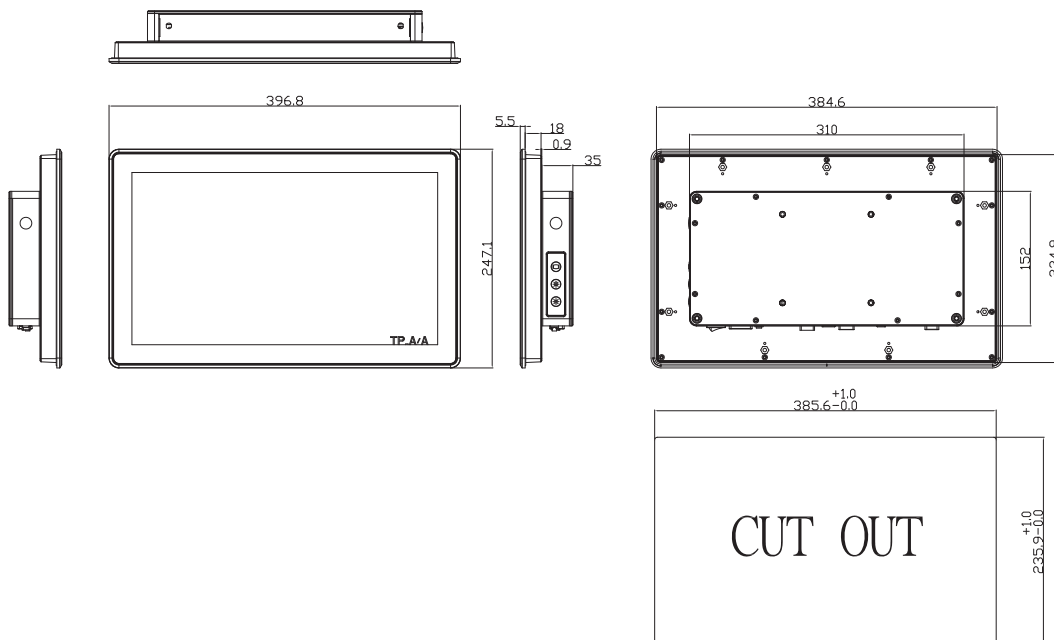
Optional OS Installation

Windows® XP (single-touch function)
Windows® 7 (32-bit, multi-touch function)



▲ Ideal for factory automation & self-service kiosk in retail

Dimensions

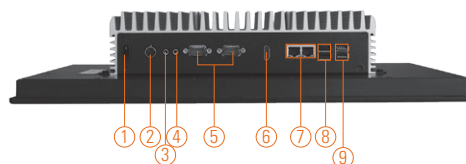
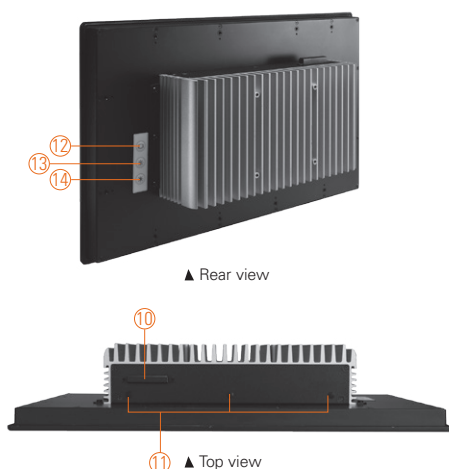
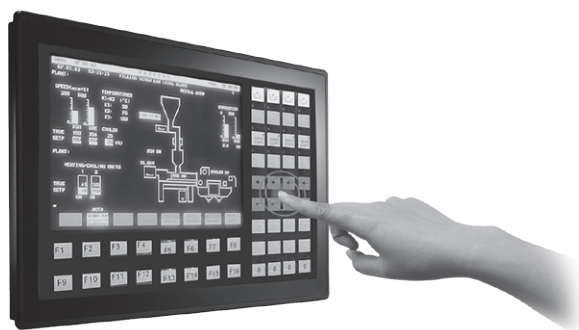


GOT3157W-881-PCT

15.6" WXGA TFT Fanless Multi-touch Panel Computer with LGA1150 Socket
4th Gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processors (0°C to +40°C)

Features

- 15.6" WXGA projected capacitive multi-touch screen
- Fanless design with LGA1150 socket 4th gen Intel® Core™ i7/i5/i3, Pentium® & Celeron® processors (Haswell)
- 2.5" SATA HDD, CFast™ and mSATA
- WLAN module and antenna (optional)
- 2 Gigabit LANs, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- 2 PCI Express Mini Card slots



- | | | |
|-----------------------------|----------------------|--------------------------------|
| 1. Power switch (ATX) | 6. HDMI output | 11. Antenna x 3 |
| 2. Power input connector | 7. Gigabit LANs x 2 | 12. LED backlight power on/off |
| 3. Audio (Line-out) | 8. USB 2.0 x 2 | 13. Brightness + |
| 4. Audio (Mic-in) | 9. USB 3.0 x 2 | 14. Brightness - |
| 5. COM 1/2 (RS-232/422/485) | 10. CFast™ card slot | |



Introduction

The GOT3157W-881-PCT adopts a 15.6-inch WXGA LCD and supports LGA1150 socket 4th generation Intel® Core™, Pentium® and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded for a variety of applications. This 15.6" WXGA industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

High Performance Haswell Desktop Processor

The GOT3157W-881-PCT supports LGA1150 socket 4th generation Intel® Core™ and Celeron® Haswell processors. Users can choose different processor upon request. It also supports up to 8 GB DDR3-1333/1600 MHz memory. Rich I/O includes dual PCI Express Mini Card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

Reliable and Stable Design

The GOT3157W-881-PCT is a fanless cooling panel system designed for industrial machinery market. The Intel® Haswell panel PC can work under 1.0 G (10 ~ 500Hz, random for CFast™ card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA Intel® Haswell-based touch panel PC supports 400 nits high brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more intuitively and directly. The hardness of touch glass surface is up to 7H and is better for anti-scratch purpose.

Specifications

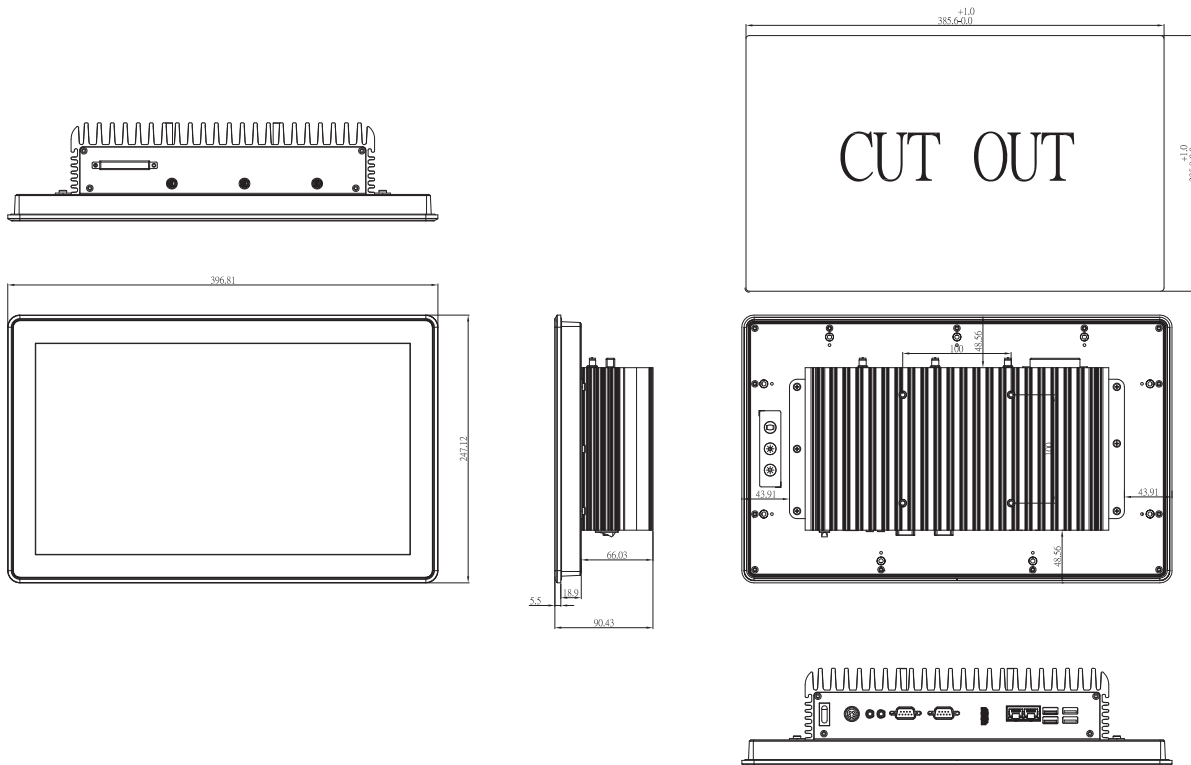
Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m²)	400 nits
	Resolution	1366 x 768
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processors (Haswell), up to 45 W TDP
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ card 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

* All specifications and photos are subject to change without notice.

Specifications

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX) 2 x Audio (Line-out & Mic-in) 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x 10/100/1000 Mbps Ethernet (Intel® i217LM/i210AT)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	19 VDC with adapter
Power Consumption	100 W
Dimensions	396.8 mm (15.6") (W) x 89.5 mm (3.5") (D) x 247.1 mm (9.73") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)
Weight (net/gross)	5.5 kg (12.13 lb)/7.5 kg (16.53 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.0G, 10 ~ 500 Hz, random for CFast™ card
Certificate	CE

Dimensions



Ordering Information

GOT3157W-881-PCT-NP	15.6" WXGA TFT fanless touch panel computer with LGA1150 socket Intel® 4th generation Core™ i7/i5/i3, Pentium® & Celeron® processors, projected capacitive multi-touch screen and AC-DC 19 V power adapter (power DIN 4P connector)
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Optional EOS Installation

WE8S

WES 7

Optional OS Installation

Windows® 8.1

Windows® 7



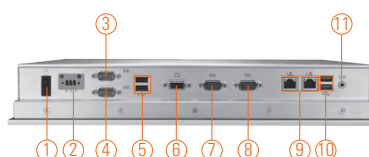
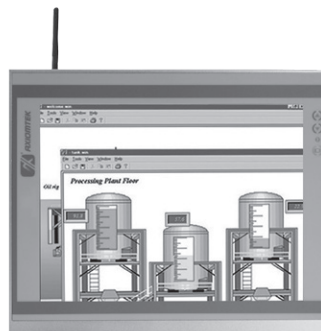
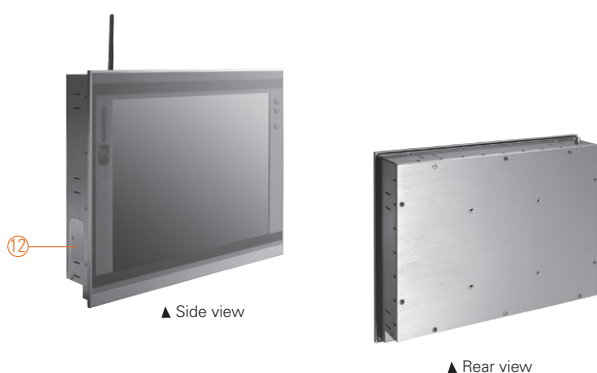
▲ Ideal for factory automation & self-service kiosk in retail

GOT3156T-834

15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor E3827
(-20°C to +55°C)

Features

- 15" XGA color TFT LCD display
- Fanless cooling system with Intel® Atom™ processor E3827 (1.75 GHz) (Bay Trail)
- 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 4 COM ports
- WLAN/3G module and antenna (optional)
- 2 Express Mini card slots
- 9~36 VDC wide voltage and over current protection
- Supports panel mount and optional VESA arm, desktop stand, wall mount
- 2.5" SATA HDD & CFast™ or mSATA
- -20°C to +55°C wide temperature range
- Adjust RS-232/422/485 setting via BIOS



1. Power switch (ATX)
2. Power input (Phoenix)
3. COM 4 (RS-232/422/485)
4. COM 3 (RS-232/422/485)
5. USB 2.0 x 2
6. VGA
7. COM 1 (RS-232/422/485)
8. COM 2 (RS-232/422/485)
9. Ethernet x 2
10. USB 3.0 x 2
11. Audio (Line-out)
12. CFast™ card slot



Introduction

The GOT3156T-834 adopts a 15-inch XGA 400 nits LCD and supports Intel® Bay Trail processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Atom™ processor E3827. The industrial HMI can work under 1.3G (10 ~ 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides two PCIe mini card slots for 3G, wireless network connectivity. The 15" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range (-20°C to +55°C)

The Intel® Atom™-based GOT3156T-834 applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Supported (optional)

The 15" XGA IP65 industrial panel PC, GOT3156T-834, provides two PCIe mini card slots and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m²)	400 nits
	Resolution	1024 x 768
Main System	CPU	Intel® Atom™ processor E3827 2C @1.75 GHz (Bay Trail)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

Specifications

I/O Connector	4 x RS232/422/485(COM 1/2/3/4) 1 x VGA 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210AT)
Expansion Interface	2 x PCIe Mini Card slot
Touchscreen	Resistive type
Power Supply	9~36 VDC with power protection
Power Consumption	40 W
Dimensions	377.9 mm (14.89") (W) x 60.7 mm (2.39") (D) x 309.3 mm (12.17") (H)
Packing Dimensions	510 mm (20.09") (W) x 186 mm (7.32") (D) x 532 mm (20.95") (H)
Weight (net/gross)	4.2 kg (9.26 lb)/ 6.8 kg (14.99 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.3G, 10 ~ 500Hz, random for 2.5" HDD 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT3156T-834	15" XGA TFT fanless touch panel computer with Intel® Atom™ E3827 1.75 GHz dual core processor, resistive touch screen and 9~36 VDC terminal block connector
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* Specification and certifications are based on options and may vary.

Optional EOS Installation

WES7

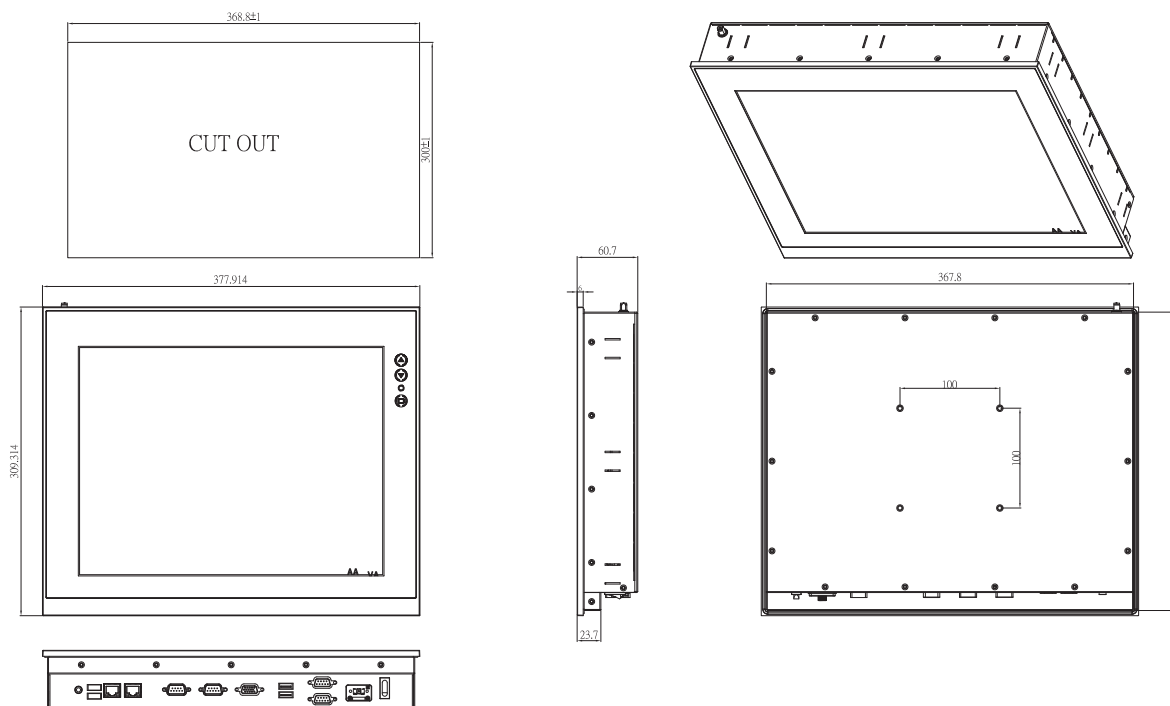
WE8S

Optional OS Installation

Windows® 7

Windows® 8.1

Dimensions



GOT3126T-834

12.1" XGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 (-20°C +55°C)

Features

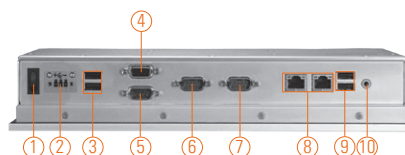
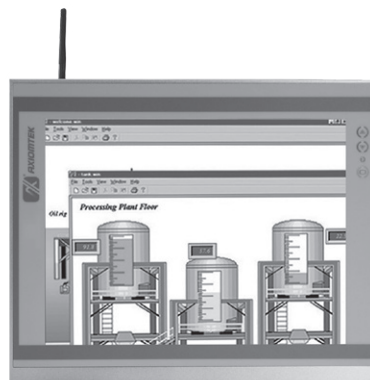
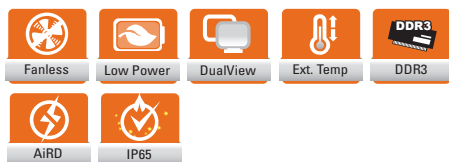
- 12.1" XGA color TFT LCD display
- Fanless cooling system with Intel® Atom™ E3827 1.75 GHz
- -20°C to +55°C wide temperature range
- 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 3 COM ports
- WLAN/3G module and antenna (optional)
- 2 Express Mini card slots
- 9~36 VDC wide voltage and over current protection
- Supports panel mount and optional VESA arm, desktop stand, wall mount
- 2.5" SATA HDD & CFast™ or mSATA
- Adjust RS-232/422/485 setting via BIOS



▲ Side view



▲ Rear view



- | | |
|---------------------------|---------------------------|
| 1. Power switch | 6. COM 1 (RS-232/422/485) |
| 2. DC power input | 7. COM 2 (RS-232/422/485) |
| 3. USB 2.0 x 2 | 8. Ethernet x 2 |
| 4. VGA | 9. USB 3.0 x 2 |
| 5. COM 3 (RS-232/422/485) | 10. Audio (Line-out) |

Introduction

The GOT3126T-834 adopts a 12.1-inch XGA 500 nits TFT LCD and supports Intel® Bay Trail processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The high brightness industrial panel PC supports low power Intel® Atom™ processor E3827. The industrial HMI can work under 1.3G (10 ~ 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides two PCIe mini card slots for 3G, wireless network connectivity. The 12.1" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range (-20°C to +55°C)

The Intel® Atom™-based GOT3126T-834 applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for harsh environment.

WLAN Antenna Supported (optional)

The 12.1" XGA IP65 industrial panel PC, GOT3126T-834, provides two PCIe mini card slots and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m ²)	500 nits
	Resolution	1024 x 768
Main System	CPU	Intel® Atom™ processor E3827 2C @1.75 GHz (Bay Trail)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphic

Specifications

I/O Connector	3 x RS-232/422/485 (COM 1/2/3) 1 x VGA 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210AT)
Expansion Interface	2 x PCIe Mini Card slot
Touchscreen	Resistive type
Power Supply	9~36 VDC with power protection
Power Consumption	36 W
Dimensions	311.5 mm (12.21") (W) x 56.9 mm (2.23") (D) x 250 mm (9.8") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)
Weight (net/gross)	2.8 kg (6.17 lb) / 5 kg (11.02 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) (with W.T. DRAM/HDD/CF) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.3G, 10 ~ 500Hz, random for 2.5" HDD 2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT3126T-834	12.1" XGA TFT fanless touch panel computer with Intel® Atom™ E3827 1.75 GHz dual core processor, resistive touch screen and 9~36 VDC terminal block connector
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* Specification and certifications are based on options and may vary.

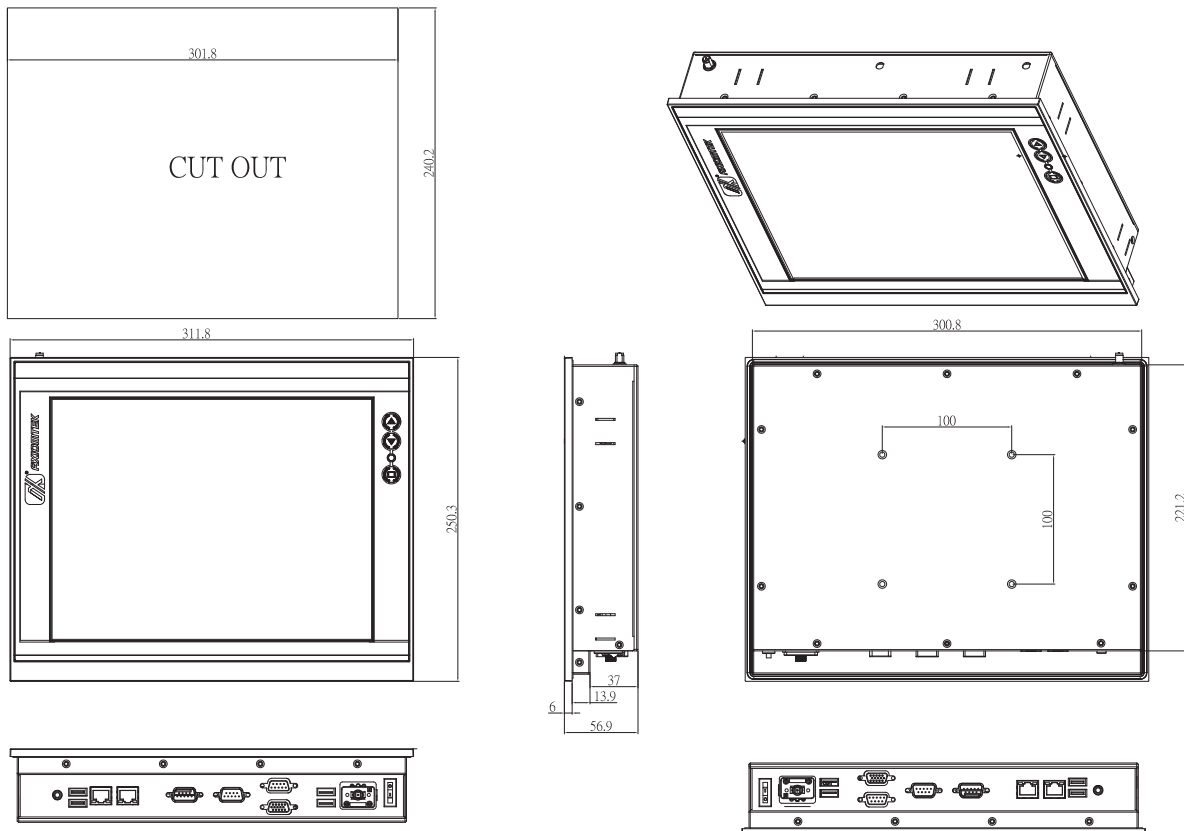
Optional EOS Installation

WES7
WE8S

Optional OS Installation

Windows® 8.1
Windows® 7

Dimensions

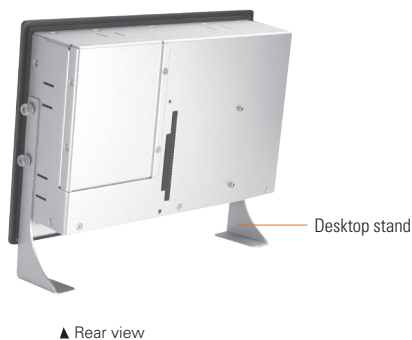


GOT-3840TL

8.4" SVGA TFT Cost-effective Fanless Touch Panel Computer

Features

- 8.4" SVGA color TFT LCD display
- Fanless cooling system with low power AMD Geode LX800 500 MHz processor
- Dual LAN & WLAN antenna
- Compact design for space-limited application
- Anti-vibration up to 1.3G (HDD, random)
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)



Introduction

The GOT-3840TL is a 8.4" fanless touch panel computer. Integrated with 8.4" TFT LCD and AMD Geode LX800 500 MHz processor, the GOT-3840TL provides customers the most economical solution. With the compact design, the GOT-3840TL is ideal for space-limited environments, such as industrial machinery and transportations. In response to the growing demand for WLAN application, the GOT-3840TL also supports optional WLAN antenna for wireless network connection. The GOT-3840TL can be used extensively for various applications including industrial machinery, processing status monitoring, and more.

Cost-effective Solution

Integrated with 250 nits LCD and onboard AMD Geode LX800 500 MHz processor, the GOT-3840TL provides an economical solution for customers in response to demands for cost-effective product.

WLAN Antenna Supported (optional) and Dual-LAN

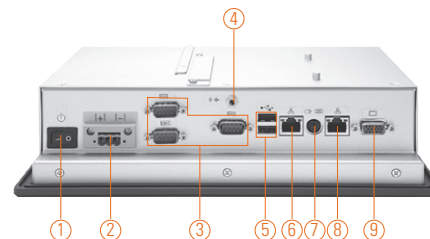
The GOT-3840TL provides a MiniPCI slot and an optional fixed rotational WLAN antenna for wireless network connections. By simply plugging in the WLAN card, customer can operate the GOT-3840TL in a wireless environment. Besides, the GOT-3840TL also supports Dual-LAN function for the growing demands of LAN connection.

Compact Design for Space-Limited Application

The GOT-3840TL is specially designed for space-limited applications including industrial machinery, transportation and home automation. This fanless touch computer is designed around the concept of small cut-out dimension. Moreover, the GOT-3840TL adopts sleek appearance and streamlined mechanical layout.

Anti-vibration up to 1.3G

With a special vibration-resistant design patent, the GOT-3840TL can work well under 1.3G (5-500Hz) in operation mode, and equipped with a 2.5" HDD.



1. Power switch
2. DC inlet
3. COM 1/2/3 (RS-232/422/485, RS-232)
4. Audio (Line-out)
5. USB 2.0 x 2
6. Ethernet
7. PS/2 K/B+M/S
8. Ethernet
9. VGA

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel
LCD Panel	Display Type 8.4" SVGA TFT LCD
	Brightness (cd/m ²) 250 nits
	Resolution 800 x 600
Main System	CPU AMD Geode LX800 500 MHz
	Chipset AMD LX + CS5536AD + ITE8888G
	System Memory 1 x 200-pin DDR SO-DIMM, up to 1GB
	BIOS Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup
	Storage 1 x 2.5" IDE HDD 1 x CompactFlash™
	Watchdog Timer 255 levels, 0-255 sec.
	Onboard Graphics Integrated in AMD LX chipset

Specifications

I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 1 x VGA 1 x Audio (Line-out) 1 x PS/2 keyboard/mouse 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Realtek RTL8139DL)
Expansion Interface	1 x MiniPCI slot 1 x PC/104 slot
Touchscreen	Resistive type
Power Supply	16~28 VDC, 48 W, w/ fuse power protection
Power Consumption	48 W
Dimensions	280 mm (11.02") (W) x 69.3 mm (2.73") (D) x 200 mm (7.87") (H)
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D) x 440 mm (17.32") (H)
Weight (net/gross)	3.5 kg (7.7 lb)/4.2 kg (9.26 lb)
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration: 1.3G, 5 ~ 500Hz, random for 2.5"HDD 2G, 5 ~ 500Hz, random for CompactFlash™
Certificate	CE

Ordering Information

GOT-3840TL	8.4" SVGA TFT cost-effective fanless touch panel computer with AMD Geode LX800 500 MHz processor, resistive touch screen and 16~28VDC terminal block connector
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* Specification and certifications are based on options and may vary.

Optional Accessories

82238400800E	Wall/VESA kit for GOT-3840TL
82018400060E	Desktop stand kid for GOT-3840TL
50966A23040E	Power adapter, 70W, 110~230VAC to 24VDC
E201840102	Metal cover for 1 PC/104 slot
E201840101	Metal cover for 2 PC/104 slot
E392203100	802.11 b/g wireless LAN kit

* Specification and certifications are based on options and may vary.

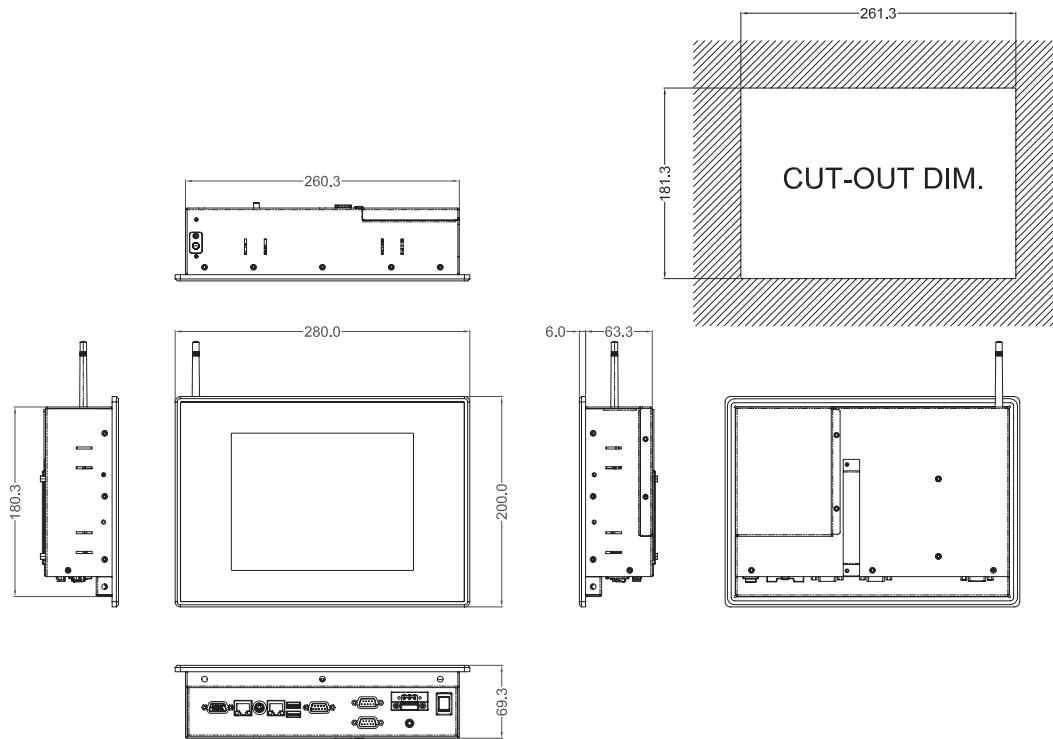
Optional EOS Installation

Window® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® XP

Dimensions





- ▶ Overview
- ▶ Fanless Touch Panel Computers
- ▶ Heavy-duty Fanless Touch Panel Computers
- ▶ Stainless Touch Panel Computers
- ▶ Transportation Touch Panel Computers
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- ▶ Industrial Touch Monitors
- ▶ Medical Panel Computers
- ▶ Open Frame Panel Computers
- ▶ Accessories



Touch Panel Computers

www.axiomtek.com

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Stainless Touch Panel Computers

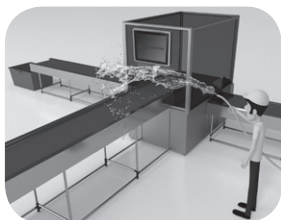
The GOT800 series is specifically designed for dusty or wet spaces in food factories or kitchens and low temperature environments such as cold storage warehouses. This product line provides an IP66-rated or IP69K-rated housing option, the brightness for readability under the sunlight, and the operability at a wide range of temperatures from -20°C to +55°C.

Introduction	577
Selection Guide	578
GOT817L-880 NEW	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5 Processor and Flat Bezel Design (-20°C to +50°C) 581
GOT817-834	17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom™ Processor E3827 and Flat Bezel Design (-20°C to +55°C) 583
GOT815L-880 NEW	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5 Processor and Flat Bezel Design (-20°C to +50°C) 585
 GOT815-834	15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom™ Processor E3827 and Flat Bezel Design (-20°C to +55°C) 587
 GOT812L(H)-880 NEW	12.1" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5 Processor and Flat Bezel Design (-20°C to +50°C) 589
GOT812LR-834	12.1" XGA TFT IP66-rated Stainless Steel Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 and High Brightness (-20°C to +55°C) 591

Stainless Touch Panel Computers

GOT800 Series for Heavy-duty Application

The GOT800 series is specifically designed for harsh operating environments such as dusty or wet spaces in food factories or kitchens, and low-temperature environments in cold storage warehouses. This series integrated an IP66-rated and IP69K-rated housing with sunlight readable technology, wide operating temperature from -20°C to +55°C and an optional 802.11a/b/g/n wireless support.



Full IP66 & IP69K Stainless Steel Panel PCs for Food Factories

The hardened GOT800 series is made of SUS316 stainless steel, which can prevent bacteria growth and rust accumulation brought on by prolonged usage. Good food hygiene is essential when making or selling food that is safe to eat. The GOT800 series can be used in food and beverage production lines where daily cleaning with pressure water is required. Its fanless and noiseless design and IP66/IP69-rated waterproof enclosure keep the system working efficiently and reliability against dust, dirt, water, oil, and chemicals. Additionally, the wide temperature design of -20°C to 55°C is ideal for food processing environments. The flat panel design prevents accumulation of dust and moisture and also makes cleaning easier.

Features:

- Extended operating temperature range

The GOT800 series adopts the unique technology of extended operating temperature and fanless cooling system for harsh environments.

- GOT800 Series: -20°C ~ +55°C (-4°F ~ +131°F)

- IP66 & IP69K-rated Certified Design

The GOT800 series features a stainless and IP66 & IP69K water-proof and dust-proof front bezel, so the enclosure offers total protection against falling water and can be easily cleaned by high pressure water jets.

- High brightness LCD

The GOT800 series adopts a high brightness LCD which is sunlight readable even under strong sunlight, in locations such as the zoo, parking lot, etc. Powering by LED backlight LCD, this series features power saving and longer MTBF.

Major Features



▲ IP66 & IP69K waterproof & dustproof design



▲ Extended temperature supported:
-20°C to +55°C



▲ Outdoor application



▲ NEMA 4X compliant



▲ Suited for harsh environments

Stainless Touch Panel Computers

Selection Guide



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Features\Models	GOT817L-880	GOT817-834
CPU Level	Intel® Core™ i5 4300U 1.9 GHz (Haswell ULT)	Intel® Atom™ E3827 1.75 GHz
Chipset	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB
Display	17" SXGA TFT, 350 nits	17" SXGA TFT, 350 nits
I/O	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 (default RS-232) 4 x USB 2.0 1 x 10/100/1000 Mbps Ethernet
Storage	1 x 2.5" SSD	1 x 2.5" SSD 1 x CFast™
Expansion Interface	1 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type or Projected capacitive touch	5-wire resistive type or Projected Capacitive touch
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10
Power Supply	9-36 VDC	12-36 VDC
Power Consumption	TBD	50 W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1~255 sec.
Front Bezel	Stainless steel IP66/IP69K protection	Stainless steel IP66/IP69K protection
Dimensions (W x D x H)	TBD	415.92 x 54.96 x 348.34 mm (16.37" x 2.16" x 13.71")
Weight (net/gross)	TBD	7.04 kg (15.52 lb) /10.3 kg (22.71 lb)
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F)	-20°C ~ +55°C (-4°F ~ +131°F)
Wide Temperature	Yes	Yes
Certificate	CE	CE

Stainless
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Stainless Touch Panel Computers

Selection Guide



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Features\Models	GOT815L-880	GOT815-834
CPU Level	Intel® Core™ i5 4300U 1.9 GHz (Haswell ULT)	Intel® Atom™ E3827 1.75 GHz
Chipset	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin SO-DIMM DDR3L-1333, up to 8GB
Display	15" XGA TFT, 420 nits	15" XGA TFT, 420 nits
I/O	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 (default RS-232) 4 x USB 2.0 1 x 10/100/1000 Mbps Ethernet
Storage	1 x 2.5" SSD	1 x 2.5" SSD 1 x CFast™
Expansion Interface	1 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type or Projected capacitive touch	5-wire resistive type or Projected capacitive touch
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10
Power Supply	9-36 VDC	9-36 VDC
Power Consumption	TBD	30 W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1~255 sec.
Front Bezel	Stainless steel IP66/IP69K protection	Stainless steel IP66/IP69K protection
Dimensions (W x D x H)	TBD	382 x 55 x 305 mm (15.4" x 2.17" x 12.01")
Weight (net/gross)	TBD	5.2 kg (11.46 lb)/8.4 kg (18.51 lb)
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F)	-20°C ~ +55°C (-4°F ~ +131°F)
Wide Temperature	Yes	Yes
Certificate	CE	CE



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Features/Models	GOT812L(H)-880	GOT812LR-834
CPU Level	Intel® Core™ i5 4300U 1.9 GHz (Haswell ULT)	Intel® Atom™ E3827 (1.75 GHz)
Chipset	SoC Integrated	SoC Integrated
System Memory	1 x 204-pin SO-DIMM DDR3L-1600, up to 8GB	1 x 204-pin SO-DIMM DDR3L-1333, up to 8GB
Display	12" XGA TFT, 420 nits (GOT812L-880) 12" XGA TFT, 800 nits (GOT812H-880)	12.1" XGA TFT, 1000 nits
I/O	2 x RS-232/422/485 (default RS-232) 4 x USB 2.0 1 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet
Storage	1 x 2.5" SSD	1 x 2.5" SSD 1 x CFast™
Expansion Interface	1 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type or Projected capacitive touch	2-wire low reflective resistive type
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10	Windows® 8.1, WE8S, Windows® 7, WES 7, Windows® 10
Power Supply	9~36 VDC	9~36 VDC
Power Consumption	56 W	47 W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1~255 sec.
Front Bezel	Stainless steel IP66/IP69K protection	Stainless steel with Full IP66 protection
Dimensions (W x D x H)	318 x 75.3 x 248.5 mm (12.52" x 2.96" x 9.78")	296 x 240 x 59 mm (11.65" x 9.45" x 3.74")
Weight (net/gross)	4.27 kg (9.41 lb)/5.77 kg (12.72 lb)	4.6 kg (10.14 lb)/6.2 kg (13.67 lb)
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F)	-20°C ~ +55°C (-4°F ~ +131°F)
Wide Temperature	Yes	Yes
Certificate	CE	CE

Stainless
Touch Panel
Computers

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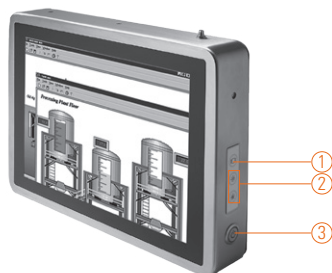


GOT817L-880 NEW

17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5 Processor and Flat Bezel Design (-20°C to +50°C)

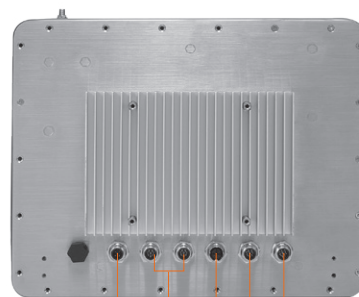
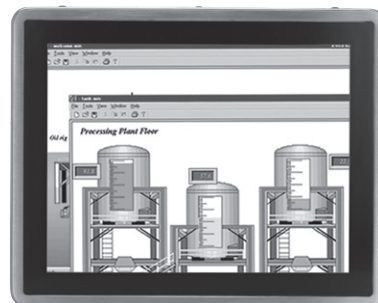
Features

- 17" SXGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5 processor
- Wireless network connectivity
- 9-36 VDC wide range power input
- M12 type connectors for harsh environments

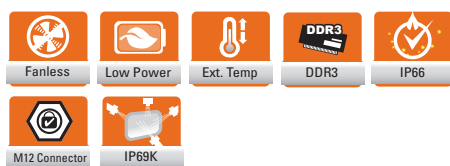


▲ Side view

1. Backlight ON/OFF
2. Brightness Adjust +/-
3. Power ON/OFF



4. DC power connector
5. USB 2.0 x 4
6. Ethernet
7. COM 1 (RS-232/RS-422/RS-485; Default: RS-232)
8. COM 2 (RS-232)



Introduction

The GOT817 is specially designed for food processing applications. Its IP66 & IP69K-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is best suited for extreme humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT817 adopts a water/dust-proof housing design with five IP66-rated connectors, M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (80°C), a flow rate of 14~16 L/min and a nozzle hold with distance 10-15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT817 is qualified to meet harsh environment applications.

Wide Temp. (-20°C to +50°C) & Anti-vibration (2G) Design

The GOT817 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m ²)	350 nits LCD
	Resolution	1280 x 1024
	Viewing Angle (H/V)	170°/160°
Main System	CPU	Intel® Core™ i5 4300U 1.9 GHz (Haswell ULT)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (Intel® i218LM; X-coded)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Supply	Power input 9–36 VDC
Power Consumption	TBD
Dimensions	TBD
Packing Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: -20°C ~ +50°C (-4°F ~ +122°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for 2.5" SSD
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966D45010E	Adapter 24V 120W. M12 A-code 5P. LTE120ES
594B8122820E	Water-proof USB cable (1.8 m)

Ordering Information

GOT817L-880-C-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, projected capacitive touch screen, 350 nits LCD and 9–36 VDC power input
GOT817L-880-C-RF-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, projected capacitive touch screen, 350 nits LCD, 9–36 VDC power input and Wi-Fi or 3G
GOT817L-880-R-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, resistive touch screen, 350 nits LCD and 9–36 VDC power input
GOT817L-880-R-RF-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, resistive touch screen, 350 nits LCD and 9–36 VDC power input

* Specification and certifications are based on requirements and may vary.

Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10

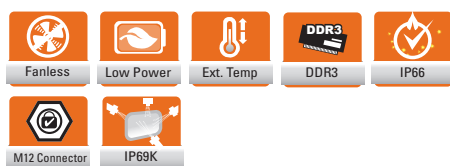
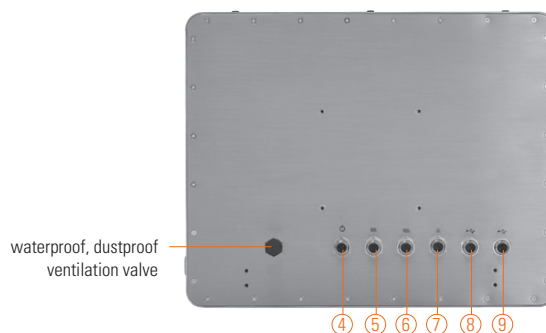
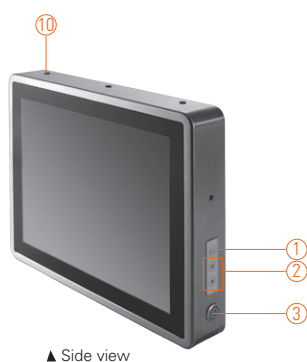
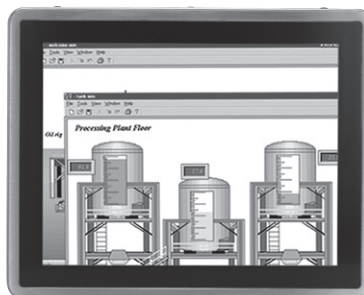


GOT817-834

17" SXGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom™ Processor E3827 and Flat Bezel Design (-20°C to +55°C)

Features

- 17" SXGA TFT LCD flat bezel projected capacitive (or resistive) touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +55°C wide operating temperature range
- Fanless system with Intel® Atom™ processor E3827
- Wireless network connectivity
- 12-36 VDC wide range power input
- M12 type I/O connectors for harsh environments



1. Backlight switch
2. Brightness adjust
3. Power switch (ATX)
4. DC power connector (A-coded M12)
5. COM 1 (RS-232/422/485) (A-coded M12)
6. COM 2 (RS-232/422/485) (A-coded M12)
7. Ethernet (X-coded)
8. USB 2.0 x 2 (A-coded M12)
9. USB 2.0 x 2 (A-coded M12)
10. Wi-Fi/3G antenna x 3 (optional, only for RF version)

Introduction

The 17-inch GOT817-834 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also outfits wide operating temperature range from -20°C to +55°C. Thus, this robust unit is best suited for extreme humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT817-834 adopts a water/dust-proof housing design with five IP66-rated connectors, M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (80°C), a flow rate of 14–16 L/min and a nozzle hold with distance 10–15cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The outstanding GOT817 stainless touch panel PC is qualified to meet harsh environment applications.

Wide Temp. (-20°C to +55°C) & Anti-vibration (2G) Design

The rugged 17" industrial stainless touch panel PC GOT817-834 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	170°/160°
Main System	CPU	Intel® Atom™ processor E3827 1.75 GHz (Bay Trail)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM dual channel, up to 8GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1–255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

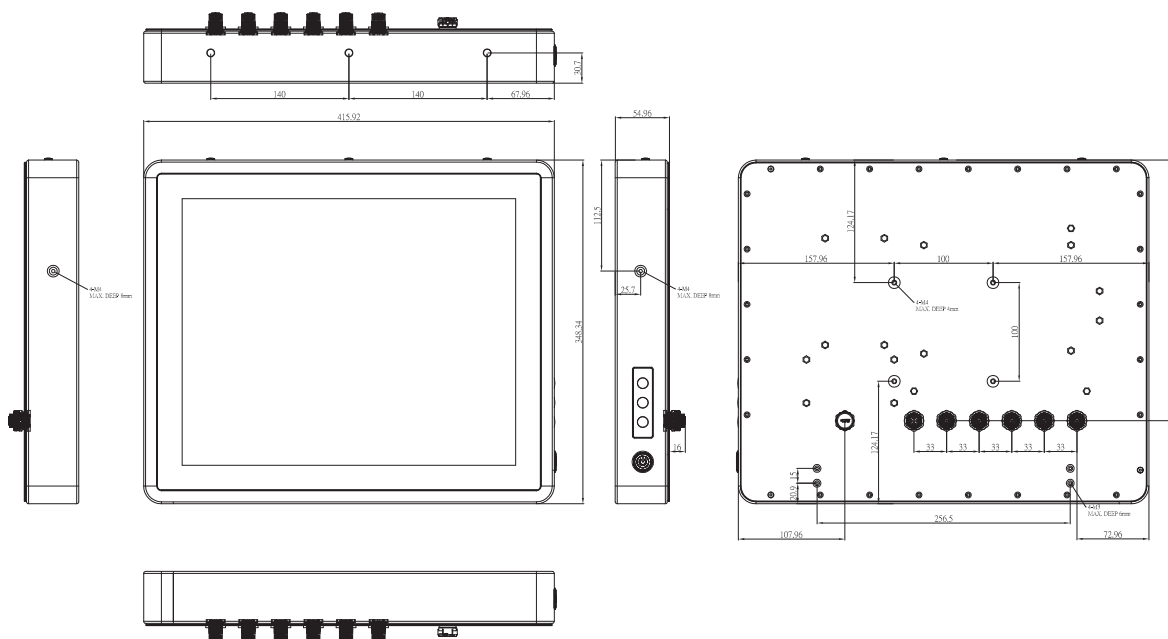
I/O Connector	2 x RS-232/422/485 (default RS-232, A-Coded) 4 x USB 2.0 (A-Coded) 1 x 10/100/1000 Mbps Ethernet (X-Coded)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Supply	Power input 12~36 VDC
Power Consumption	50 W
Dimensions	415.92 mm (16.37") (W) x 54.96 mm (2.16") (D) x 348.34 mm (13.71") (H)
Packing Dimensions	250 mm (9.84") (W) x 585 mm (23.03") (D) x 615 mm (24.21") (H)
Weight (net/gross)	7.04 kg (15.52 lb)/10.3 kg (22.71 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for 2.5" SSD 2G, 5 ~ 500Hz, random for CFast™
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	Water-proof USB cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966D45010E	Adapter 24V 120W. M12 A-code 5P. LTE120ES

Dimensions



Ordering Information

Sunlight readable type	
GOT817-834-C-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, flat-bezel design and 12~36 VDC power input
GOT817-834-C-RF-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, flat-bezel design, 12~36 VDC power input, and Wi-Fi or 3G
GOT817-834-R-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, flat-bezel design and 12~36 VDC power input
GOT817-834-R-RF-DC	17" SXGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, flat-bezel design, 12~36 VDC power input and Wi-Fi or 3G

* Specification and certifications are based on options and may vary.

Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

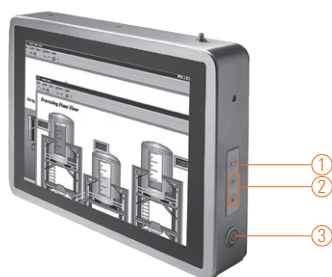
Windows® 7
Windows® 8/8.1
Windows® 10

GOT815L-880 NEW

15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5 Processor and Flat Bezel Design (-20°C to +50°C)

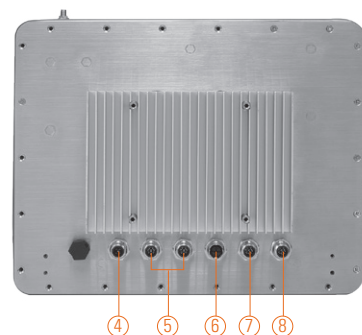
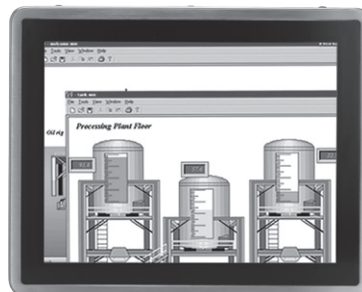
Features

- 15" XGA TFT flat bezel LCD display
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5 processor
- Wireless network connectivity
- 9-36 VDC wide range power input
- M12 type connectors for harsh environments

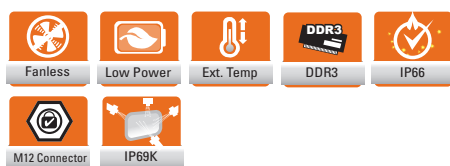


▲ Side view

1. Backlight ON/OFF
2. Brightness Adjust +/-
3. Power ON/OFF



4. DC power connector
5. USB 2.0 x 4
6. Ethernet
7. COM 1 (RS-232/RS-422/RS-485; Default: RS-232)
8. COM 2 (RS-232)



Introduction

The 15-inch GOT815 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is best suited for extreme humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT815 adopts a water/dust-proof housing design with five IP66-rated connectors, M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (80°C), a flow rate of 14~16 L/min and a nozzle hold with distance 10-15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815 is qualified to meet harsh environment applications.

Wide Temp. (-20°C to +50°C) & Anti-vibration (2G) Design

The GOT815 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m ²)	420 nits LCD
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Core™ i5 4300U 1.9 GHz (Haswell ULT)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (Intel® i218LM; X-coded)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Supply	Power input 9–36 VDC
Power Consumption	TBD
Dimensions	TBD
Packing Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: -20°C ~ +50°C (-4°F ~ +122°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for 2.5" SSD
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966D45010E	Adapter 24V 120W. M12 A-code 5P. LTE120ES
594B8122820E	Water-proof USB cable (1.8 m)

Ordering Information

GOT815L-880-C-DC	15" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, projected capacitive touch screen, 420 nits LCD and 9–36 VDC power input
GOT815L-880-C-RF-DC	15" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, projected capacitive touch screen, 420 nits LCD, 9–36 VDC power input, and Wi-Fi or 3G
GOT815L-880-C-DC	15" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, resistive touch screen, 420 nits LCD and 9–36 VDC power input
GOT815L-880-C-RF-DC	15" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, resistive touch screen, 420 nits LCD, 9–36 VDC power input, and Wi-Fi or 3G

* Specification and certifications are based on requirements and may vary.

Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10

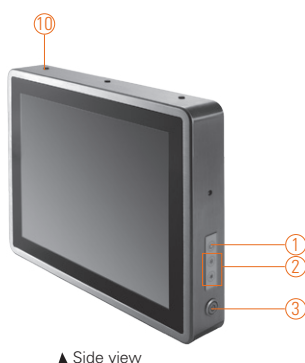
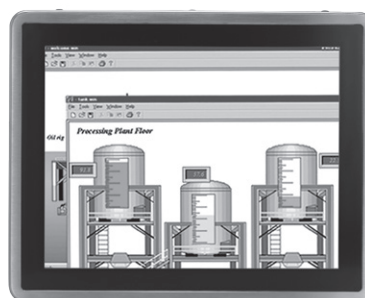


GOT815-834

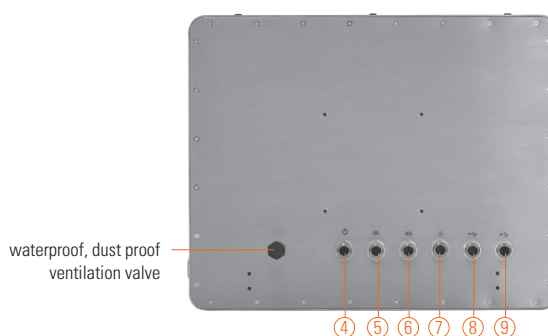
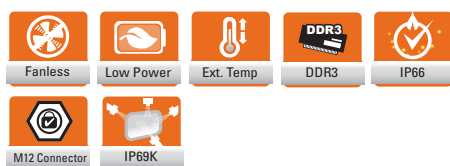
15" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Atom™ Processor E3827 and Flat Bezel Design (-20°C to +55°C)

Features

- 15" XGA TFT LCD flat bezel projected capacitive (or resistive) touch
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +55°C wide operating temperature range
- Fanless system with Intel® Atom™ processor E3827
- Wireless network connectivity
- 9-36 VDC wide range power input
- M12 type I/O connectors for harsh environments



▲ Side view



waterproof, dust proof ventilation valve

1. Backlight switch
2. Brightness adjust
3. Power switch (ATX)
4. DC power connector (A-coded)
5. COM 1 (RS-232/422/485) (A-coded)
6. COM 2 (RS-232/422/485) (A-coded)
7. Ethernet (X-coded)
8. USB 2.0 x 2 (A-coded)
9. USB 2.0 x 2 (A-coded)
10. Wi-Fi/3G antenna x 3 (optional, only for RF version)

Introduction

The 15-inch GOT815 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +55°C. Thus, this robust unit is best suited for extreme humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Full IP66 and IP69K Compliance

The GOT815 adopts a water/dust-proof housing design with five IP66-rated connectors, M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (80°C), a flow rate of 14–16 L/min and a nozzle hold with distance 10–15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT815 is qualified to meet harsh environment applications.

Wide Temp. (-20°C to +55°C) & Anti-vibration (2G) Design

The GOT815 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m ²)	420 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Atom™ processor E3827 1.75 GHz (Bay Trail)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM dual channel, up to 8GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1–255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232, A-Coded) 4 x USB 2.0 (A-Coded) 1 x 10/100/1000 Mbps Ethernet (X-Coded)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Supply	Power input 9–36 VDC
Power Consumption	30 W
Dimensions	382 mm (15.4") (W) x 55 mm (2.17") (D) x 305 mm (12.01") (H)
Packing Dimensions	510 mm (20.07") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)
Weight (net/gross)	5.2kg (11.46lb)/ 8.4kg (18.51lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for 2.5" SSD 2G, 5 ~ 500Hz, random for CompactFlash™
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	Water-proof USB cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966D45010E	Adapter 24V 120W. M12 A-code 5P. LTE120ES

Ordering Information

GOT815-834-C-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, flat bezel design and 9–36 VDC power input
GOT815-834-C-RF-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, flat bezel design and 9–36 VDC power input and Wi-Fi or 3G
GOT815-834-R-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, flat bezel design and 9–36 VDC power input
GOT815-834-R-RF-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, flat bezel design, 9–36 VDC power input and Wi-Fi or 3G

* Specification and certifications are based on requirements and may vary.

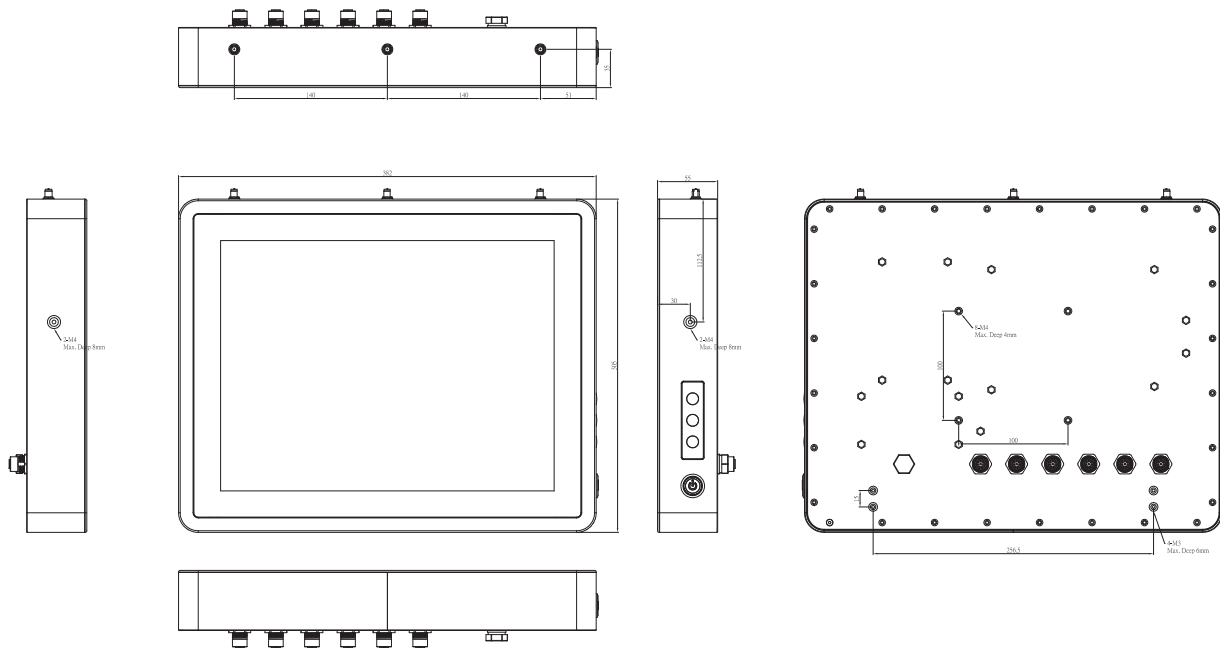
Optional EOS Installation

WES 7
WES8

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10

Dimensions

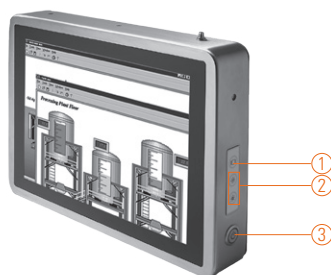
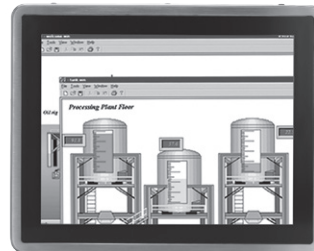


GOT812L(H)-880 NEW

12.1" XGA TFT IP66 & IP69K-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Intel® Core™ i5 Processor and Flat Bezel Design
(-20°C to +50°C)

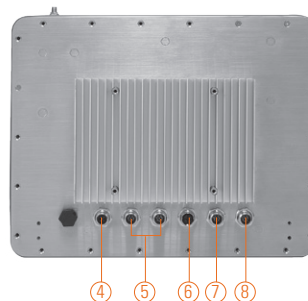
Features

- 12.1" XGA TFT flat bezel LCD display
- Sunlight readable solution with 800 nits
- IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- Full stainless steel enclosure with type 316
- -20°C to +50°C wide operating temperature range
- Fanless design with Intel® Core™ i5 processor
- Wireless network connectivity
- 9-36 VDC wide range power input
- M12 type connectors for harsh environments

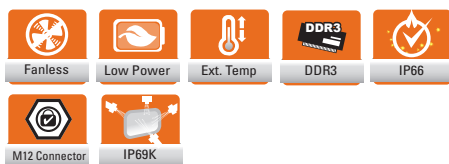


▲ Side view

1. Backlight ON/OFF
2. Brightness Adjust +/-
3. Power ON/OFF



4. DC power connector
5. USB 2.0 x 4
6. Ethernet
7. COM 1 (RS-232/RS-422/RS-485; Default: RS-232)
8. COM 2 (RS-232)



Introduction

The 12-inch GOT812 is specially designed for food processing applications. Its IP66-rated stainless steel housing protects entire system from damage of water, powder and dust. It also supports a wide operating temperature range from -20°C to +50°C. Thus, this robust unit is best suited for extreme humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

Sunlight Readable Design

The GOT812H-880 features sunlight readable technology with LED tech high brightness 800 nits color display and low reflective touchscreen allows the screen legible even under strong sunlight.

Full IP66 and IP69K Certified

The GOT812 adopts a water/dust-proof housing design with five IP66-rated connectors, M12 I/O connectors and IP69K that ensures the product's ability to resist ingress of high temperature and high pressure water. It passed entire system IP66 test by SGS, and verified salt mist test. Additionally, it was tested by a spray nozzle with high temperature water (80°C), a flow rate of 14–16 L/min and a nozzle hold with distance 10-15 cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The GOT812 is qualified to meet harsh environment applications.

Wide Temp. (-20°C to +50°C) & Anti-vibration (2G) Design

The GOT812 featuring fanless and noiseless design supports a wide operating temperature range from -20°C to +50°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Enclosure	Stainless type 316	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m ²)	800 nits LCD (GOT812H-880) 420 nits LCD (GOT812L-880)
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Core™ i5 4300U 1.9 GHz (Haswell ULT)
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

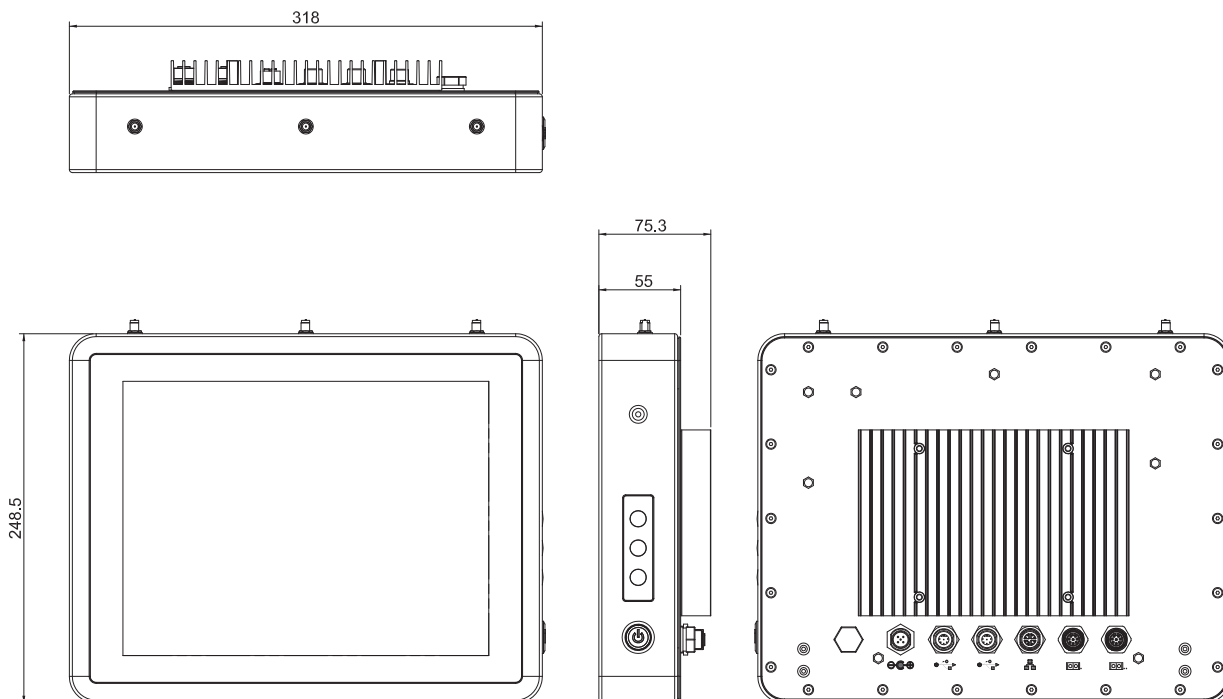
I/O Connector	2 x RS-232/422/485 (default RS-232, A-coded) 4 x USB 2.0 (A-coded) 1 x 10/100/1000 Mbps Ethernet (Intel® i218LM; X-coded)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive touch or projected capacitive multi-touch
Power Supply	Power input 9–36 VDC
Power Consumption	56 W
Dimensions	318 mm (12.52") (W) x 248.5 mm (9.78") (D) x 75.3 mm (2.96") (H)
Packing Dimensions	510 mm (20.07") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)
Weight (net/gross)	4.27 kg (9.41 lb)/5.77 kg (12.72 lb)
Environment	Operating temperature: -20°C ~ +50°C (-4°F ~ +122°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for 2.5" SSD
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Optional Accessories

594B8122100E	Water-proof COM cable (1.8 m)
594B8152710E	Water-proof LAN cable (1.8 m)
50966D45010E	Adapter 24V 120W. M12 A-code 5P. LTE120ES
594B8122820E	Water-proof USB cable (1.8 m)

Dimensions



Ordering Information

GOT812L-880-C-DC	12.1" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, projected capacitive touch screen, 420 nits LCD and 9–36 VDC power input
GOT812L-880-C-RF-DC	12.1" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, projected capacitive touch screen, 420 nits LCD, 9–36 VDC power input and Wi-Fi or 3G
GOT812H-880-R-DC	12.1" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, 5-wire flat resistive touch screen, 800 nits LCD and 9–36 VDC power input
GOT812H-880-R-RF-DC	12.1" XGA fanless IP66 & IP69K-rated stainless steel touch panel computer with Intel® Core™ i5 4300U, 5-wire flat resistive touch screen, 800 nits LCD, 9–36 VDC power input and Wi-Fi or 3G

* Specification and certifications are based on requirements and may vary.

Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

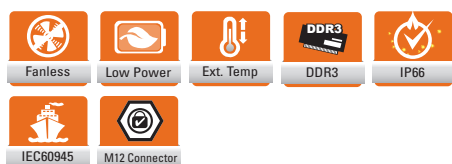
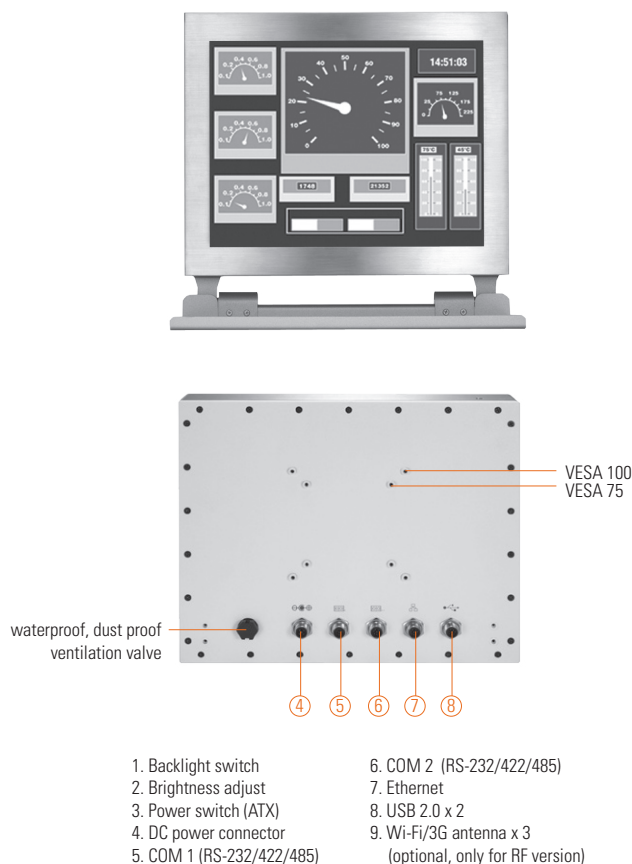
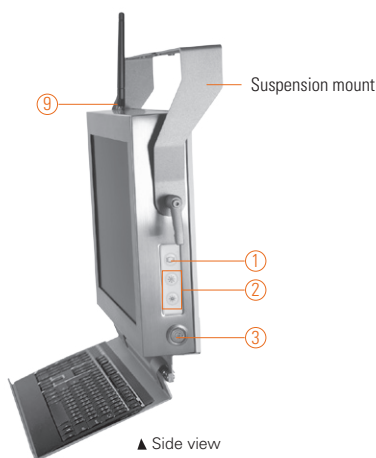
Windows® 7
Windows® 8/8.1
Windows® 10

GOT812LR-834

12.1" XGA TFT IP66-rated Stainless Steel Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 and High Brightness (-20°C to +55°C)

Features

- Sunlight readable 12.1" TFT LCD with low reflection and high brightness (optional)
- IP66 (NEMA 4X) water/dust/corrosion-proof design
- Stainless steel front bezel enclosure with type 316
- Wide operating temperature range of -20°C to +55°C
- Fanless system with Intel® Atom™ processor E3827
- Wireless network connectivity
- Flexible and expandable M12 type I/O connections
- Supports suspension and VESA mount



Introduction

The 12.1-inch GOT812LR-834 is specially designed for heavy-duty & outdoor applications. Its IP66-rated stainless steel housing protects entire system from outside damage of water, powder and dust. It also supports sunlight readable technology and wide operating temperature range of -20°C to +55°C. Thus, this robust unit is best suited for outdoor environments in extreme sunny or rainy day, dusty or wet spaces in food factories or kitchens and more harsh applications, such as steel factories, transformer stations and vessels.

IP66-Sealed System

The 12.1" GOT812 adopts a water/dust-proof housing design and five IP66-rated connectors. It passes entire system IP66 test by SGS and verified salt mist test.

Sunlight Readable Design (optional)

Its sunlight readable technology with LED tech high brightness 1000 nits color display and low reflective touchscreen allows the screen legible even under strong sunlight for your options.

Wide Temp. (-20°C ~ +55°C) & Anti-vibration (2G) Design

The 12.1" industrial touch panel PC supports wide temperature of -20°C to +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Specifications

Front Bezel	Stainless type 316	
LCD Panel	Display Type	12.1" XGA TFT LCD (GOT812LR) 12.1" SVGA TFT LCD (GOT812L)
	Brightness (cd/m ²)	1000 nits (GOT812LR) 500 nits (GOT812L)
	Resolution	1024 x 768 (GOT812LR) 800 x 600 (GOT812L)
	Viewing Angle (H/V)	160°/140° (GOT812LR/GOT812L)
	Viewing Angle (H/V)	160°/140° (GOT812LR/GOT812L)
Main System	CPU	Intel® Atom™ processor E3827 1.75 GHz
	Chipset	SoC Integrated
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM dual channel, up to 8GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

* All specifications and photos are subject to change without notice.

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet (X-Coded)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive low reflective type
Power Supply	Power input 9~36 VDC
Power Consumption	47 W
Dimensions	304 mm (11.97") (W) x 58.5 mm (2.3") (D) x 248 mm (9.76") (H)
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D) x 430 mm (16.93") (H)
Weight (net/gross)	4.6 kg (10.14lb)/ 6.2kg (13.67lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for 2.5" SSD 2G, 5 ~ 500Hz, random for CompactFlash™
Certificate	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Optional Accessories

822B8120070E	GOT812 keyboard bracket (w/o keyboard)
822B8120080E	GOT812 suspension kit
594B8122100E	Water-proof COM cable (1.8m)
594B8122820E	Water-proof USB cable (1.8m)
594B8122720E	Water-proof LAN cable (1.8m)
50966D45010E	Adapter 24V 120W. M12 A-code 5P. LTE120ES

Ordering Information

GOT812LR-834-DC	12.1" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 9~36 VDC power input
GOT812LR-834-RF-DC	12.1" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 9~36 VDC power input and Wi-Fi or 3G
GOT812L-834-DC	12.1" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, general purpose LCD (500 nits), 5-wire resistive touch screen and 9~36 VDC power input
GOT812L-834-RF-DC	12.1" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, general purpose LCD (500 nits), 5-wire resistive touch screen, 9~36 VDC power input and Wi-Fi or 3G

* Specification and certifications are based on requirements and may vary.

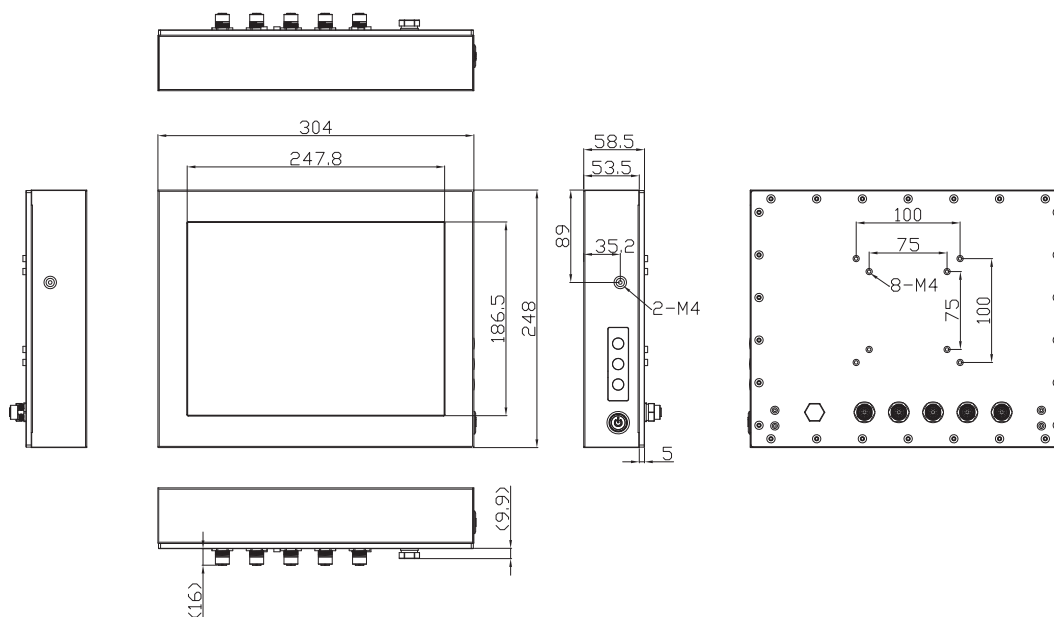
Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10

Dimensions





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- ▶ Fanless Touch Panel Computers
- ▶ Heavy-duty Fanless Touch Panel Computers
- ▶ Stainless Touch Panel Computers
- ▶ Transportation Touch Panel Computers
- ▶ Industrial Panel Computers
- ▶ Industrial Touch Monitors
- ▶ Medical Panel Computers
- ▶ Open Frame Panel Computers
- ▶ Accessories

Touch Panel Computers

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4

Transportation Touch Panel Computers & Displays

The transportation touch panel computer and display is used to keep the train driver informed of the status of a train. Its design allows it to be deployed in an environment at extended temperatures (-25°C to 70°C). It also complies with standards for railway applications such as EMC (for electromagnetic compatibility) and EN 50155 (for shock and vibration test).

Selection Guide

595

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2017

GOT712-837	12.1" XGA TFT EN 50155 Railway Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-25°C to +70°C)	597
GOT710-837	10.4" SVGA TFT EN 50155 Railway Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-25°C to +70°C)	599
GOT610-837 NEW	10.4" XGA Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz for Heavy-duty Vehicle (-30°C to +55°C)	601
P6105	10.4" XGA TFT EN 50155 Railway Touch Display (-25°C to +55°C)	603

Rolling-Stock Fanless Touch Panel Computers

Selection Guide



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Page 601

Features/Models	GOT712-837	GOT710-837	GOT610-837
CPU Level	Intel® Atom™ E3845 (1.91 GHz)	Intel® Atom™ E3845 (1.91 GHz)	Intel® Atom™ E3845 (1.91 GHz)
Chipset	SoC Intergrated	SoC Intergrated	SoC Intergrated
System Memory	DDR3 4GB memory onboard	DDR3 4GB memory onboard	DDR3 4GB memory onboard
Display	12.1" XGA TFT, 800 nits	10.4" SVGA TFT, 1000 nits	10.4" XGA TFT, 500 nits
I/O	2 x RS-232/422/485 with isolated 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolated 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolated 1.5KV (M12, A-coded) 1 x Audio: Line out, Line in, speaker out (D-sub) 1 x DIO (6 input/2 output) with isolated 1.5KV (D-sub) 1 x CAN bus with isolated 1.5KV (D-sub)	2 x RS-232/422/485 with isolated 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolated 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolated 1.5KV (M12, A-coded) 1 x Audio: Line out, Line in, speaker out (D-sub) 1 x DIO (6 input/2 output) with isolated 1.5KV (D-sub) 1 x CAN bus with isolated 1.5KV (D-sub)	1 x RS-232/422/485 with isolated 1.5KV 1 x RJ-45 for Gigabit LAN with isolated 1.5KV 3 x USB2.0 1 x USB2.0 port on top cover 1 x DC for power input with isolated 2 1.5KV 1 x Audio (Line-out/Line-in/Mic-in) 1 x DIO (6 input/2 output) with isolated 1.5KV D-sub connector 1 x CAN bus with isolated 1.5KV (USB) D-sub connector
Storage	16GB flash onboard 1 x mSATA	16GB flash onboard 1 x mSATA	16GB flash onboard 1 x mSATA
Expansion Interface	2 x PCIe Mini Card	2 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type or glass with keyboard	5-wire resistive type or glass with keyboard	5-wire resistive type or projected capacitive touch
Operating System	Windows® 8.1, WE8S, Windows® 7, WES7 Windows® 10 (IoT)	Windows® 8.1, WE8S, Windows® 7, WES7 Windows® 10 (IoT)	Windows® 8.1, WE8S, Windows® 7, WES7 Windows® 10 (IoT)
Power Supply	16~30 VDC or 77~137.5 VDC	16~30 VDC or 77~137.5 VDC	9~36 VDC or 18~60 VDC
Power Consumption	35 W	107.5 W	TBD
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1~255 sec.	255 levels, 1~255 sec.
Front Bezel	Aluminum with rugged protection	Aluminum with rugged protection	Aluminum with rugged protection
Dimensions (W x D x H)	330 x 64.4 x 245 mm (13" x 2.53" x 9.65")	310 x 65 x 216 mm (12.20" x 2.56" x 8.50")	TBD
Weight (net/gross)	TBD	2.4 kg (5.29 lb)/5 kg (11.02 lb)	TBD
Operating Temperature	-25°C ~ +70°C (-13°F ~ +158°F)	-25°C ~ +70°C (-13°F ~ +158°F)	-30°C ~ +55°C (-22°F ~ +131°F)
Wide Temperature	Yes	Yes	Yes
Certificate	EN 50155 Railway EN 50121-3-2 Railway EMC EN 61373 Railway Shock/Vibration	EN 50155 Railway EN 50121-3-2 Railway EMC EN 61373 Railway Shock/Vibration	EN 60721-3-5 (06.1998) Full IP65

Transportation Touch Panel Display

Selection Guide



Page 603

Features/Models	P6105
Display Type	Aluminum front bezel (NEMA 4/12) & IP65 10.4" XGA TFT
Max. Colors	16.2M/262K
Active Area (mm)	210.4 x 157.8
Max. Resolution	1024 x 768
Display Mode	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)
Pixel Pitch (mm)	0.0685 x 0.2055
Backlight	LED
Backlight MTBF (hrs)	50,000
Viewing Angle (H/V)	176°/176°
Response Time	25ms
Contrast Ratio	1000 (TYP)
Brightness (cd/m2)	500 nits
Display Control	OSD, RS-232 and IR remote
I/O Connectors	1 x RS-232 for touchscreen version 1 x HDMI 1 x DVI-D 1 x DC power input 1 x RS-232 for remote control
Touchscreen	Resistive type
Power Consumption	24 V, 16 W
Power Adapter	Screw-type external
Dimensions (W x D x H)	372 x 175 x 412 mm (14.65" x 6.89" x 16.2")
Weight (net/gross)	2.2 kg (4.85 lb) /3.45 kg (7.61 lb)
Operating Temperature	-25°C ~ +55°C (-13°F ~ +131°F)
Mounting	Panel mount Wall mount VESA arm
Certificate	EN 50155 Railway EN 50121-3-2 Railway EMC EN 613703 Railway Shock/Vibration



GOT712-837

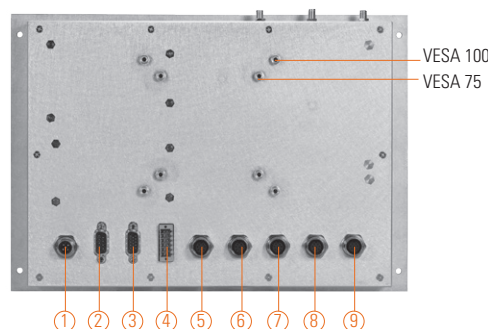
12.1" XGA TFT EN 50155 Railway Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-25°C to +70°C)

Features

- Sunlight readable 12.1" XGA high brightness (800 nits)
- Fanless with Intel® Atom™ processor E3845 1.91 GHz
- All lockable connectors design
- Auto-dimming for different environment
- 25°C to +70°C wide temperature range
- EN 50155 certified for railway application



▲ Side view



1. DC for power input with isolation 1.5KV
2. CAN Bus with isolation 1.5KV
3. Audio (Line-out, Line-in, Speaker-out)
4. DIO (6-IN/2-OUT with isolation 1.5KV)
5. USB 2.0 x 2
6. COM 2 (RS-232/422/485 with isolation 1.5KV)
7. COM 1 (RS-232/422/485 with isolation 1.5KV)
8. LAN 2 (Gigabit LAN with isolation 1.5KV)
9. LAN 1 (Gigabit LAN with isolation 1.5KV)



Introduction

The EN 50155 railway touch panel PC, GOT712-837, is equipped with a 12.1-inch XGA TFT LCD display with high brightness LED backlight (800 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Design for ease of use and maintenance, this all-in-one 12.1" railway touch panel PC also has an alternative keypad control on the front panel for easy access and cleaning purposes. This feature-rich panel PC has an IP65-rated front bezel, M12 connectors and is EN 50155 certified.

Wide Temperature Range (-25°C to +70°C)

The Intel® Atom™-based railway panel PC, GOT712-837, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness display and compact design for transport heavy-duty environment.

Designed for Railway Application

The Axiomtek GOT712-837 is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling speed, temperature, and security, or for fleet management. To ensure the panel reliable operation in a variety of different locations, the 12.1-inch railway panel PC supports various mounting options: panel mount, wall mount, VESA arm and desktop stand. Moreover, it is also ready for Windows® 8.1 or 7.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m²)	800 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Atom™ processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC Integrated
	System Memory	DDR3 4GB (default) or 8GB memory onboard
	BIOS	AMI with Axiomtek standard features; such as SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	16GB flash onboard 1 x mSATA
	Watchdog Timer	255 levels, 1 ~ 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 with isolation 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolation 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolation 1.5KV (M12, A-coded) 1 x Audio: Line-out, Line-in, Speaker-out (D-sub) 1 x DIO (6 input/2 output) with isolation 1.5KV (phoenix type) 1 x CAN bus with isolation 1.5KV (D-sub)
Expansion Interface	2 x PCI Express Mini Card slot
Flat Panel	Alternative 5-wire resistive touch panel or keyboard
Power Supply	16.8V to 30V DC or 77V to 137.5V DC 10ms hold up time (S2)
Power Consumption	35 W
Dimensions	330 mm (13") (W) x 64.4 mm (2.53") (D) x 245 mm (9.65") (H)
Packing Dimensions	510 mm (20.08") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)
Weight (net/gross)	5.54 kg (12.21 lb)/3 kg (6.61 lb)
Environment	Operating temperature: -25°C ~ +70°C (-13°F ~ +158°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing
Certificate	EN 50155, EN 50121-3-2 EMC, EN 61373 (shock/vibration), EN 45545 (fire) certified

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Optional Accessories

822B710060E	GOT712 3G+GPS Kit
8812B7100A0E	GOT712 Wi-Fi Kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable

Ordering Information

24VDC Power Input (14.4V to 40VDC)

GOT712-837-R-E3845-24VDC	12" XGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable CD (800 nits), 5-wire resistive touch screen and 24 VDC power input
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110VDC Power Input (66V to 154VDC)

GOT712-837-R-E3845-110VDC	12" XGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (800 nits), 5-wire resistive touch screen and 110 VDC power input
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* Specification and certifications are based on requirements and may vary.

Optional EOS Installation

WES 7

WE8S

Windows® 10 (IoT)

Optional OS Installation

Windows® 7

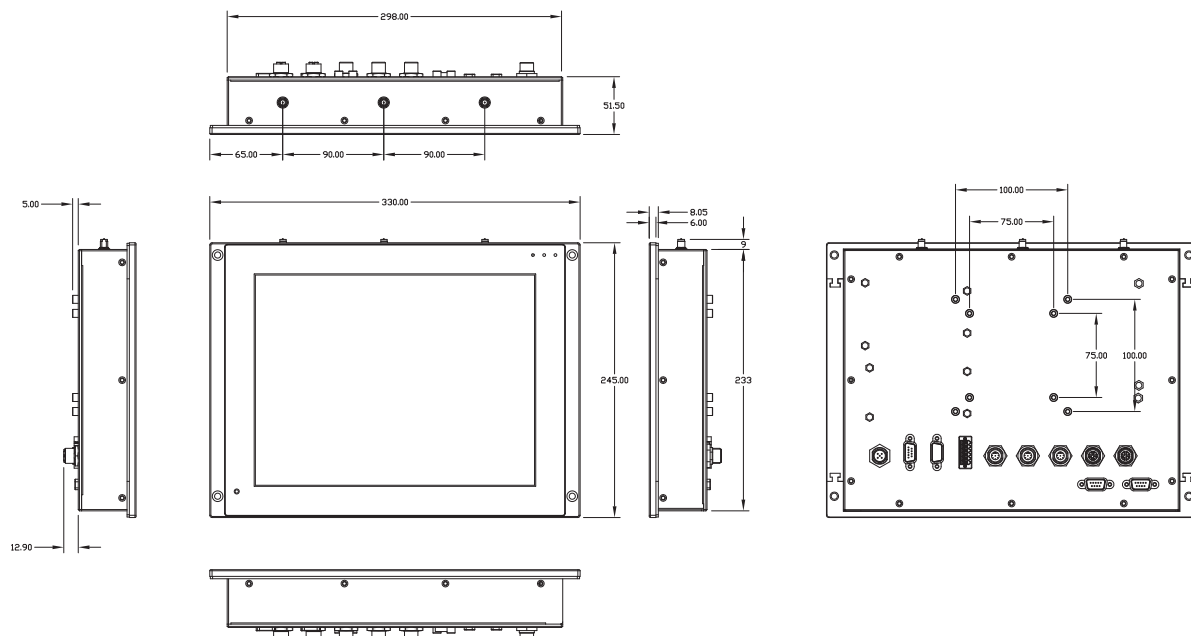
Windows® 8/8.1

Windows® 10



▲ Touch without keypad version

Dimensions



GOT710-837

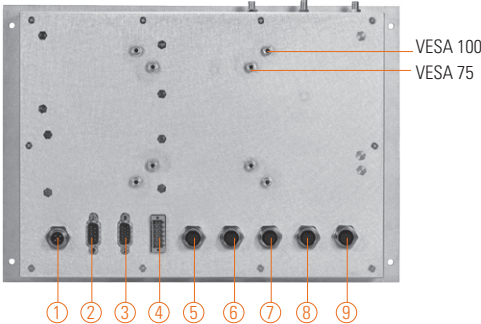
10.4" SVGA TFT EN 50155 Railway Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-25°C to +70°C)

Features

- Sunlight readable 10.4" SVGA high brightness (1000 nits)
- Intel® Atom™ processor E3845 1.91 GHz
- Alternative keypad control in the front bezel
- M12-type lockable connectors design
- Auto-dimming for different environment
- -25°C to +70°C wide temperature range (T3 Level)
- EN 50155 certified for railway application



▲ Side view



1. DC for power input with isolation 1.5KV

2. CAN Bus with isolation 1.5KV

3. Audio (Line-out, Line-in, speaker-out)

4. DIO (6-IN/2-OUT with isolation 1.5KV)

5. USB 2.0 x 2
6. COM 2 (RS-232/422/485 with isolation 1.5KV)

7. COM 1 (RS-232/422/485 with isolation 1.5KV)

8. LAN 2 (Gigabit LAN with isolation 1.5KV)

9. LAN 1 (Gigabit LAN with isolation 1.5KV)



Introduction

The EN 50155 certified railway touch panel PC, GOT710-837, is equipped with a 10.4-inch SGVA TFT LCD display with high brightness LED backlight (1000 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Design for ease of use and maintenance, this all-in-one 10.4" railway touch panel PC also has an alternative keypad control on the front panel for easy access and cleaning purposes. This feature-rich panel PC has an IP65-rated, M12 connectors and is EN 50155 certified.

Wide Temperature Range (-25°C to +70°C)

The Intel® Atom™-based railway panel PC, GOT710-837, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness display and compact design for transport heavy-duty environment.

Designed for Railway Application

The Axiomtek GOT710-837 is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling as speed, temperature, and security, or for fleet management. To ensure the reliable operation in a variety of different locations, the 10.4-inch railway panel PC supports various mounting options: panel mount, wall mount, VESA arm and desktop stand. Moreover, it is also ready for Windows® 8.1 or 7.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	10.4" SVGA TFT LCD
	Brightness (cd/m²)	1000 nits
	Resolution	800 x 600
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Atom™ processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC Integrated
	System Memory	DDR3 4GB (default) or 8GB memory onboard
	BIOS	AMI with Axiomtek standard features; such as SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	16GB flash onboard 1 x mSATA
	Watchdog Timer	255 levels, 1 ~ 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 with isolation 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolation 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolation 1.5KV (M12, A-coded) 1 x Audio: Line-out, Line-in, speaker-out (D-sub) 1 x DIO (6-IN/2-OUT) with isolation 1.5KV (phoenix type) 1 x CAN bus with isolation 1.5KV (D-sub)
Expansion Interface	2 x PCI Express Mini Card slot
Flat Panel	Alternative 5-wire resistive touch panel or keyboard
Power Supply	16.8V to 30V DC or 77V to 137.5 VDC 10ms hold up time (S2)
Power Consumption	107.5 W
Dimensions	310 mm (12.20") (W) x 65.05 mm (2.56") (D) x 216 mm (8.50") (H)
Packing Dimensions	382 mm (15.04") (W) x 185 mm (7.28") (D) x 427 mm (16.81") (H)
Weight (net/gross)	2.4 kg (5.29 lb) / 5 kg (11.02 lb)
Environment	Operating temperature: -25°C ~ +70°C (-13°F ~ +158°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing
Certificate	EN 50155, EN 50121-3-2 EMC, EN 61373 (Shock/Vibration), EN 45545 (fire) certified Compliance with UIC 612-01 (keypad)

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

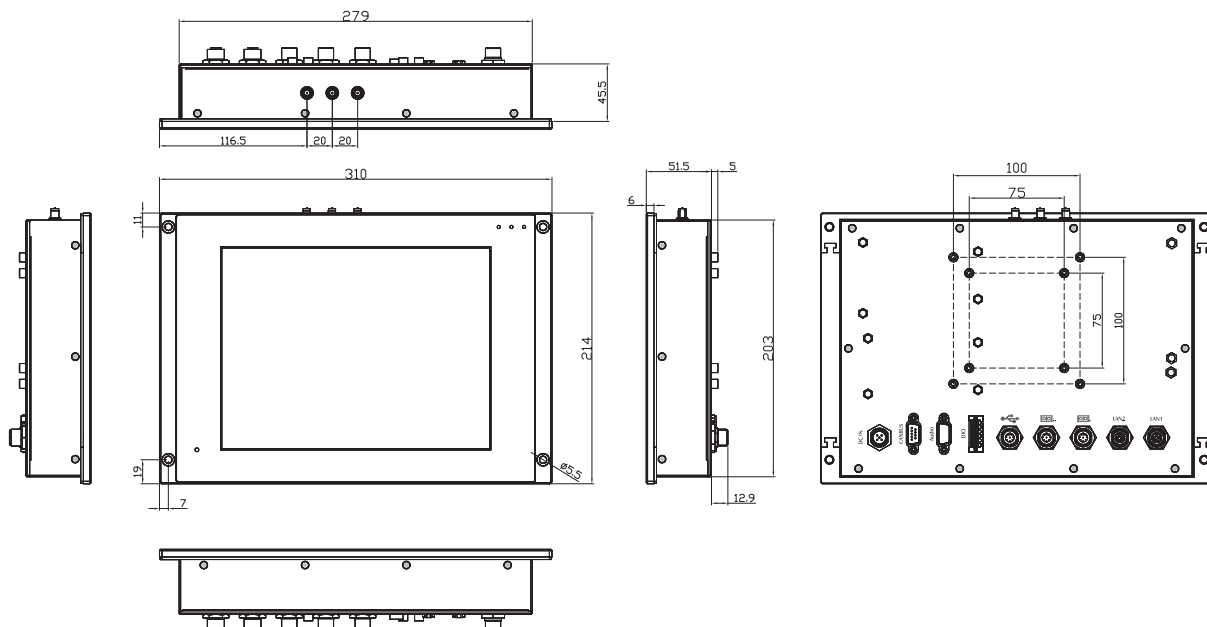
Optional Accessories

822B710060E	GOT710 3G+GPS Kit
8812B7100A0E	GOT710 Wi-Fi Kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable



▲ Touch without keypad version

Dimensions



Ordering Information

24 VDC Power Input (14.4V to 40 VDC)		
GOT710-837-R-E3845-24 VDC	10.4" SVGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 24 VDC power input	
GOT710-837-R-E3845-24 VDC w/keypad	10.4" SVGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 24 VDC power input and keypad	
GOT710-837-G-E3845-24 VDC w/keypad	10.4" SVGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), non-touch screen, 24 VDC power input and keypad	
110 VDC Power Input (66V to 154 VDC)		
GOT710-837-R-E3845-110 VDC	10.4" SVGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 110 VDC power input	
GOT710-837-R-E3845-110 VDC w/keypad	10.4" SVGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 110 VDC power input and keypad	
GOT710-837-G-E3845-110 VDC w/keypad	10.4" SVGA EN 50155 railway fanless touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), non-touch screen, 110 VDC power input and keypad	

* Specification and certifications are based on options and may vary.

Optional EOS Installation

WES 7
WE8S
Windows® 10 (IoT)

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10



GOT610-837 NEW

10.4" XGA Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-30°C to +55°C) for Heavy-duty Vehicle

Features

- Intel® Atom™ processor E3845 1.91 GHz
- Auto-dimming for different environment
- Specially designed by vehicle mount terminals
- Front hot keys with quick setting
- Wide operating temperature range from -30°C to +55°C
- Various mounting ways



Introduction

The Axiomtek GOT610-837 series vehicle mount terminal focuses on logistics, automation and heavy-duty markets. The GOT600 series has advanced the platform to meet the daily challenges and demanding work environments of warehouses and distribution center. The GOT600 series is in use to improve efficiencies across the facility. Especially in the case of forklifts, embedding a capable mobile terminal can improve productivity and reduce errors from the docks to the yard. Having access to accurate information at all time in real-time aids in every process from receiving to storing, moving around, cross docking and picking. Axiomtek serves the needs of supply chain operations to meet any harsh conditions.

Wide Operating Temperature

The Intel® Atom™-based railway panel PC, GOT610-837, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design for transport heavy-duty environment.

Designed for Vehicle Markets

The Axiomtek GOT610-837 is particularly suitable for demanding HMI applications in the vehicle-mounted sector, including arranging stocks and picking goods up and away. To ensure the reliable operation in a variety of different locations, the 10.4-inch vehicle-mounted panel PC supports various mounting options: wall mount, VESA arm and desktop stand. Moreover, it is also ready for Windows® 10, 8.1 or 7.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	10.4" XGA TFT LCD
	Brightness (cd/m²)	500 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	176°/176°
Main System	CPU	Intel® Atom™ processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC Integrated
	System Memory	DDR3 4GB (default) or 8GB memory onboard
	BIOS	AMI with Axiomtek standard features; such as SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	16GB flash onboard 1 x mSATA
	Watchdog Timer	255 levels, 1 ~ 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232/422/485 with isolated 1.5KV 1 x RJ-45 for Giga Ethernet w/ isolated 1.5KV 3 x USB 2.0 ports 1 x USB 2.0 port on top cover 1 x DC for power input with isolated 2 1.5KV 1 x Audio: Line out, Line in, MIC in 1 x DIO (6 input/2 output) with isolated 1.5KV D-sub connector 1 x CAN bus with isolated 1.5KV (USB) D-sub connector
Expansion Interface	2 x PCI Express Mini Card slot
Flat Panel	5-wire resistive projected capacitive touch
Power Supply	9-36 VDC or 18 to 60 VDC
Power Consumption	TBD
Dimensions	TBD
Packing Dimensions	382 mm (15.04") (W) x 185 mm (7.28") (D) x 427 mm (16.81") (H)
Weight (net/gross)	TBD
Environment	Operating temperature: -25°C ~ +70°C (-13°F ~ +158°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing
Certificate	EN 60721-3-5 (06.1998) Full IP65

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

9-36 VDC Power Input	
GOT610-837-R	10.4" XGA fanless touch panel computer with Intel® Atom™ E3845, 5-wire resistive touch screen and 9-36 VDC power input
GOT610-837-R	10.4" XGA fanless touch panel computer with Intel® Atom™ E3845, 5-wire resistive touch screen, 9-36 VDC power input and keypad
18-60 VDC Power Input	
GOT610-837-R-W	10.4" XGA fanless touch panel computer with Intel® Atom™ E3845, 5-wire resistive touch screen and 18-60 VDC power input
GOT610-837-C-W	10.4" XGA fanless touch panel computer with Intel® Atom™ E3845, 5-wire resistive touch screen, 18-60 VDC power input and keypad

* Specification and certifications are based on options and may vary.

Optional EOS Installation

WES 7
WE8S
Windows® 10 IoT

Optional OS Installation

Windows® 7
Windows® 8/8.1
Windows® 10



P6105

10.4" XGA TFT EN 50155 Railway Touch Display (-25°C to +55°C)

Features

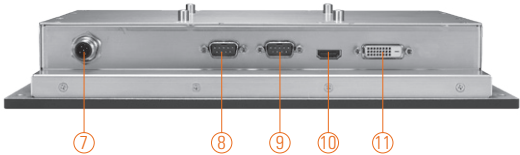
- EN 50155 certified monitor for railway application
- 10.4" high brightness XGA TFT touchscreen LCD
- Wide viewing angle and high brightness 500 nits
- DVI-D and HDMI with multiple video inputs
- Light sensor for auto-dimming (optional)
- 24 VDC or 110 VDC power input
- -25°C to +55°C wide temperature range
- Supports 5 keys OSD
- Optional IR remote control



▲ Side view



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



7. DC power input
8. IR remote control (RS-232)
9. T/S port (RS-232)
10. HDMI
11. DVI-D



Introduction

The EN 50155 railway touch display P6105 adopts a 10.4-inch XGA TFT LCD with 500 nits brightness and a 5-wire resistive touch screen with IP65-rated aluminum front bezel to provide protection of liquid damage and user friendly control interface.

Wide Temperature (-25°C to +55°C)

The Axiomtek 10.4-inch railway touch monitor adopts extended temperature technology with a wide range from -25°C to +55°C and fanless cooling system as well as super compact design for transportation & harsh environment.

High brightness 500 nits with wide viewing angle

The railway grade EN 50155 touchscreen display P6105 adopts a high brightness 500 nits 10.4-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight and is readable under skies outdoor in parking lots and more. With its wide viewing angle, user won't miss information on the display.

Anti-vibration for railway

With an anti-vibration design and EN 50155 class T1 certification, the Axiomtek rugged 10.4" railway touch display can work perfectly on the train.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel
LCD Panel	Display Type 10.4" TFT XGA LCD
	Max. Resolution 1024 x 768
	Max. Colors 16.2M/262k
	Active Area (mm) 210.4 (H) x 157.8 (V)
	Pixel Pitch (mm) 0.0685 (H) x 0.2055 (V)
	Response Time 25ms
	Backlight LED
	Backlight MTBF 50,000 hrs
	Viewing Angle (H/V) 176°/176°
Display Control	Contrast Ratio 1000 (TYP.)
	Brightness (cd/m ²) 500 nits
	OSD (on screen display)
	Display Mode
Display Mode	VGA 640 x 480 (60/72 Hz)
	SVGA 800 x 600 (60/72 Hz)
	XGA 1024 x 768 (60/72 Hz)

Specifications

Input Signal	HDMI DVI (Only for DVI-D) Touchscreen: serial RS-232 interface IR remote control
I/O Connectors	1 x RS-232 for touchscreen version 1 x HDMI 1 x DVI-D 1 x DC power input 1 x RS-232 for IR remote control
Power Adapter	24VDC or 110VDC power input
Power Consumption	24 V, 16 W
Touchscreen	Thickness Resistive: 2.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9-pin male connector
Dimensions	310 mm (12.20") (W) x 49 mm (1.94") (D) x 214 mm (8.43") (H)
Packing Dimensions	372 mm (14.65") (W) x 175 mm (6.89") (W) x 412 mm (16.2") (H)
Weight (net/gross)	2.2 kg (4.85 lb) /3.45 kg (7.61 lb)
Environment	Operating temperature: -25°C ~ +55°C (-13°F ~ +131°F) Relative humidity: 20%~90% @40°C, non-condensing
Certificate	CE/EN 50155

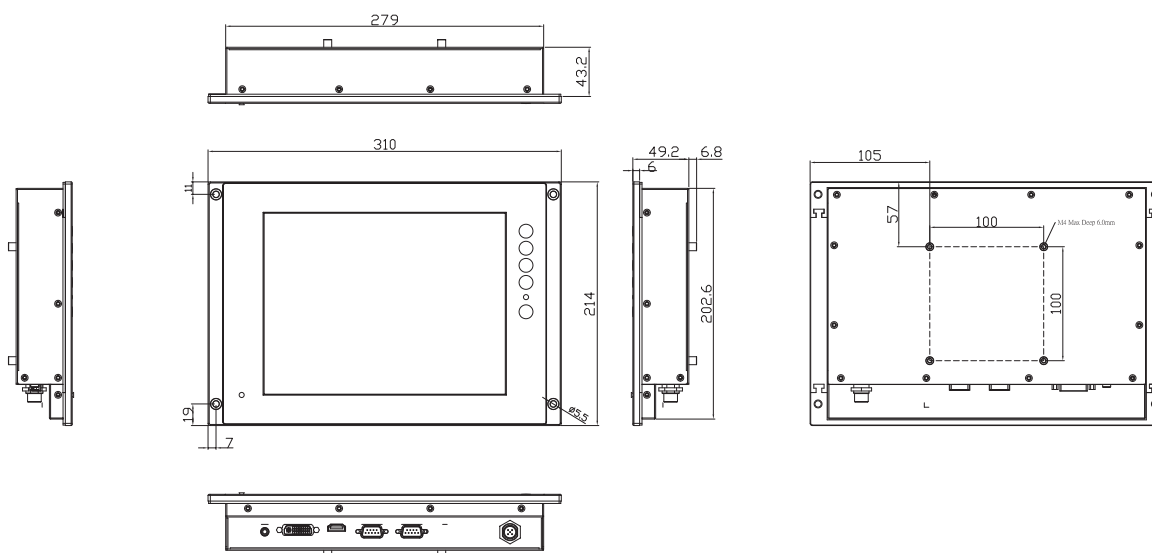
Ordering Information

P6105DPR-24VDC	10.4" XGA railway touch display with EN 50155 and 24 VDC power input
P6105DPR-110VDC	10.4" XGA railway touch display with EN 50155 and 110 VDC power input

* Specification and certifications are based on options and may vary.



Dimensions





- ▶ Overview
- ▶ Fanless Touch Panel Computers
- ▶ Heavy-duty Fanless Touch Panel Computers
- ▶ Stainless Touch Panel Computers
- ▶ Transportation Touch Panel Computers
- ▶ Industrial Panel Computers
- ▶ Industrial Touch Monitors
- ▶ Medical Panel Computers
- ▶ Open Frame Panel Computers
- ▶ Accessories



Touch Panel Computers

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5

Industrial Touch Panel Computers

Axiomtek provides a complete range of industrial panel computers for automation applications. The high performance P1000 series focuses on factory and machinery market, offering ideal thermal solution, featuring compact sized, easy maintenance design and light weight. The IP65-rated front bezel is specially designed for continuous use in harsh environments. The P1000 series can help customers reduce time-to-market for industry automation.

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P1197E-500 NEW	19" SXGA TFT Expandable Industrial Touch Panel Computer with 6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, 1 PCI or 1 PCIe Slot	611
P1197E-861	19" SXGA TFT Expandable Industrial Touch Panel Computer with Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, 1 PCI or 1 PCIe Slot	613
P1177E-842	17" SXGA TFT Expandable Industrial Touch Panel Computer with Intel® Celeron® Processor J1900 and 1 PCI Slot	615
 TAIWAN EXCELLENCE 2016 P1177S-881	17" SXGA TFT Slim Industrial Touch Panel Computer with 4th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor	617
P1177S-871	17" SXGA TFT Slim Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor	619
 TAIWAN EXCELLENCE 2014 P1177E-871	17" SXGA TFT Expandable Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® Processor, 2 PCIe or 2 PCI Slots	621
P1157S-881	15" XGA TFT Slim Industrial Touch Panel Computer with 4th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor	623
P1157S-871	15" XGA TFT Slim Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor	625
P1157E-871	15" XGA TFT Expandable Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, 2 PCIe or 2 PCI Slots	627
P1127E-871	12.1" XGA TFT Expandable Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® Processor, 2 PCIe or 2 PCI Slots	629

Industrial Touch Panel Computers

P1000 Slim Series with Scalable Performance

The P1000 slim series is designed with cost-effectiveness, flexibility, reduction in time-to-market concepts in mind. Axiomtek has optimized P1000 slim series into compact and super lightweight industrial panel computers. It features an anti-corrosion front bezel made by advanced industrial-grade material and excellent vibration resistance up to 1Grms, and uses aluminum chassis to further enhance high reliability and flexibility. The P1000 slim series has minimized bulk and adds appeal to the industrial computer.

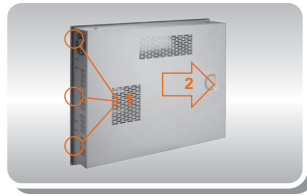
Major Features



▲ Slim Design with rich I/O



▲ Robust aluminum with IP65 compliant front bezel design



▲ Only 3 Screws to remove back cover

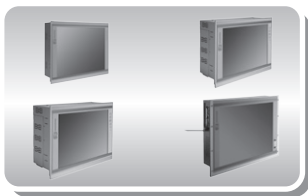


▲ Ideal thermal design for scalable performance

P1000 Expandable Series with Flexible Integration

The P1000 expandable series is designed for customer that need I/O card expansion and excellent computing power. From entry level to high performance platform, Axiomtek provides full range and size of P1000 expandable model to implement different application in automation. It features rugged designed housing and front bezel. Ideal thermal solution can ensure add-on card stability and enhance operation process with great precision. Rich mounting method including panel mount, wall mount, VESA mount and rack mount can fulfill different application facility without limitation. The P1000 expandable series has great balance between cost and performance.

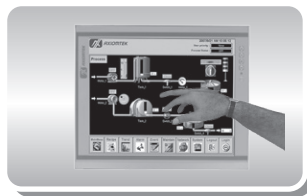
Major Features



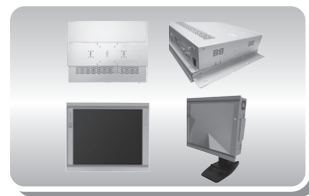
▲ Varied sizes of 12", 15", 17" and 19"



▲ Expandable design & Multiple I/O port



▲ 5-wire resistive touch screen supported



▲ Flexible mounting ways:
Desktop/Rack/Panel/Wall/VESA

Industrial Touch Panel Computers

Selection Guide



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Features/Models	P1197E-500	P1197E-861	P1177E-842
CPU Level	LGA1151 socket 6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	Intel® Celeron® processor J1900 (up to 2.42 GHz)
Chipset	Intel® H110	Intel® H61	SoC Integrated
System Memory	2 x 288-pin DDR4-2133 Long-DIMM dual channel, up to 32GB	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB	1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB
Display	19" SXGA TFT, 250 nits	19" SXGA TFT, 350 nits	17" SXGA TFT, 250 nits
I/O	3 x RS-232 (COM 2-4) 1 x RS-232/422/485 (COM 1) 1 x HDMI 1 x VGA 1 x DisplayPort 4 x USB 3.0 (back) 2 x USB 2.0 (front) 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in/Line-out) 1 x PS/2 combo	3 x RS-232 1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 1 x DVI-D 1 x VGA 6 x USB 2.0 (Back) 2 x USB 2.0 (Front) 1 x PS/2 keyboard/mouse combo 1 x Audio (Mic-in/Line-out)	2 x RS-232/422/485 1 x RS-232 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x VGA 1 x HDMI 1 x PS2 KB & 1 x PS2 MS 5 x USB 2.0 1 x USB 3.0 1 x Audio (Mic-in/Line-out)
Storage	1 x 3.5" or 2 x 2.5" SATA HDD	2 x 2.5" HDD	1 x 3.5" or 1 x 2.5" SATA HDD
DVD-RW	1 x built-in slim type (optional)	1 x built-in slim type (optional)	N/A
Expansion Interface	1 x PCIe x4 or 1 x PCI	1 x PCIe x4 or 1 x PCI	1x PCI
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operation System	Windows® 10 IoT Enterprise Windows® 10 IoT	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WES8	Windows® 8.1, WES8, Windows® 7, WES 7
Power Supply	200 W, 100 ~ 240 VAC	270 W, 100 ~ 240 VAC	200 W, 100 ~ 240 VAC
Power Consumption	157 W	162 W	67 W
Watchdog Timer	255 levels, 1 ~ 255 sec.	255 levels, 1 ~ 255 sec.	255 levels, 1~255 sec.
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection
Dimensions (W x D x H)	378 x 72.2 x 309 mm (14.88" x 2.84" x 12.17")	469 x 94.7 x 380.8 mm (18.46" x 3.73" x 14.99")	410 x 92 x 338 mm (16.14" x 3.62" x 13.30")
Weight (net/gross)	8 kg (17.64 lb)/ 10.4 kg (22.93 lb)	8 kg (17.64 lb)/ 10.4 kg (22.93 lb)	6.3 kg (13.89 lb) / 10.1 kg (22.26 lb)
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)
Certificate	CE	CE	CE



Industrial Touch Panel Computers

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Features/Models	P1177S-881	P1177S-871	P1177E-871
CPU Level	LGA1150 socket 4th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon®
Chipset	Intel® H81	Intel® Q77	Intel® C216
System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
Display	17" XGA TFT, 250 nits	17" SXGA TFT, 350 nits	17" SXGA TFT, 350 nits
I/O	3 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x VGA 1 x HDMI 2 x USB 3.0 4 x USB 2.0 1 x Audio (Mic-in/Line-out)	2 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)	2 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)
Storage	1 x 3.5" or 2 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" HDD	1 x 3.5" or 2 x 2.5" HDD
DVD-RW	N/A	N/A	1 x built-in slim type (optional)
Expansion Interface	N/A	N/A	2 x PCIe x8 or 2 x PCI
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operation System	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S
Power Supply	200 W, 100 ~ 240 VAC	270 W, 100 ~ 240 VAC	270 W, 100 ~ 240 VAC
Power Consumption	142 W	178 W	180 W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1 ~ 255 sec.	255 levels, 1~255 sec.
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection
Dimensions (W x D x H)	410 x 80 x 338 mm (16.14" x 3.15" x 13.3")	410 x 80 x 338 mm (16.14" x 3.15" x 13.3")	410 x 131 x 338 mm (16.14" x 5.16" x 13.3")
Weight (net/gross)	7 kg (15.43 lb)/ 10.8 kg (23.8 lb)	7 kg (15.43 lb)/ 10.8 kg (23.8 lb)	8.2 kg (18.08 lb)/ 12 kg (26.46 lb)
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)
Certificate	CE	CE	CE



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Features/Models	P1157S-881	P1157S-871	P1157E-871	P1127E-871
CPU Level	LGA1150 socket 4th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon®	LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon®
Chipset	Intel® H81	Intel® Q77	Intel® C216	Intel® C216
System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
Display	15" XGA TFT, 250 nits	15" XGA TFT, 350 nits	15" XGA TFT, 350 nits	12.1" XGA TFT, 500 nits
I/O	3 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x VGA 1 x HDMI 2 x USB 3.0 4 x USB 2.0 1 x Audio (Mic-in/Line-out)	2 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)	2 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)	1 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)
Storage	1 x 3.5" or 2 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" HDD	1 x 3.5" or 2 x 2.5" HDD	1 x 2.5" HDD
DVD-RW	N/A	N/A	N/A	N/A
Expansion Interface	N/A	N/A	2 x PCIe x8 or 2 x PCI	2 x PCIe x8 or 2 x PCI
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operation System	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S	Windows® XP, WES, Windows® 7, WES 7, Windows® 8, WE8S
Power Supply	200 W, 100 ~ 240 VAC	270 W, 100 ~ 240 VAC	200 W, 100 ~ 240 VAC	270 W, 100 ~ 240 VAC
Power Consumption	142 W	165 W	167 W	160 W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1 ~ 255 sec.	255 levels, 1~255 sec.	255 levels, 1 ~ 255 sec.
Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/NEMA 4 rugged protection	Aluminum with IP65/ NEMA 4 rugged protection	Aluminum with IP65/ NEMA 4 rugged protection
Dimensions (W x D x H)	378 x 72.2 x 309 mm (14.88" x 2.84" x 12.17")	378 x 72.2 x 309 mm (14.88" x 2.84" x 12.17")	378 x 125.5 x 309 mm (14.88" x 4.94" x 12.17")	311.5 x 111.85 x 250 (12.26" x 4.4" x 9.84")
Weight (net/gross)	5.4 kg (11.88 lb)/ 7.8 kg (17.16 lb)	5.2 kg (11.46 lb)/ 7.5 kg (16.53 lb)	6.2 kg (13.67 lb)/ 9.6 kg (21.16 lb)	5 kg (11.02 lb)/ 7.1 kg (15.65 lb)
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)
Certificate	CE	CE	CE	CE

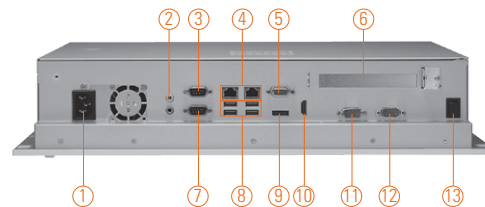
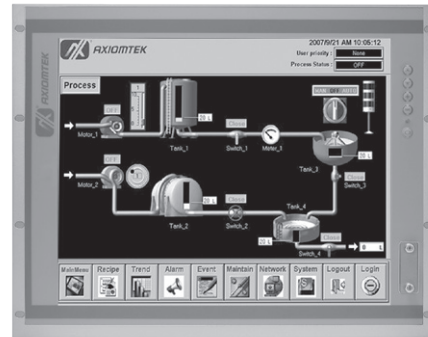
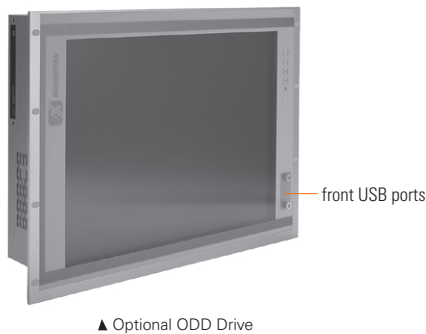


P1197E-500 NEW

19" SXGA TFT Expandable Industrial Touch Panel Computer with 6th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, 1 PCI or 1 PCIe Slot

Features

- 19" SXGA TFT LCD display
- LGA1151 socket 6th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® H110 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- One PCIe x4 or one PCIe expansion slots
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



1. AC Plug
2. Audio (Mic-in/Line-out)
3. COM 1 (RS-232/422/485)
4. Ethernet x 2
5. VGA x 1
6. 1 x PCIe x 4 or 1 x PCI
7. COM 2 (RS-232)
8. USB 3.0 x 4
9. DisplayPort x 1
10. HDMI x 1
11. COM 3 (RS-232)
12. COM 4 (RS-232)
13. Power switch



Introduction

The P1197E-500 is a multimedia 19" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1197E-500 is powered by a high performance LGA1151 socket 6th generation Intel® Core™ processor with the Intel® H110 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 32GB memory of dual-channel DDR4-2133 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory and automation.

Expandable for 1 PCIe or 1 PCI

The P1197E-500 has 1 PCIe x4 or 1 PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1197E-500 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1197E-500 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness	250 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® H110
	System Memory	2 x 288-pin DDR4-2133 Long-DIMM, up to 32GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 3.5" or 1 x 2.5" SATA HDD
	Drive	1 x builtin slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	3 x RS-232 (COM 2-4) 1 x RS-232/422/485 (COM 1) 1 x HDMI 1 x VGA 1 x Display Port 4 x USB 3.0 (back) 2 x USB 2.0 (front) 2 x 10/100/1000 Mbps Ethernet (Intel® i219LM/i211AT) 1 x Audio (Mic-in/Line-out) 1 x PS/2 Keyboard & mouse combo
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 270 W
Power Consumption	157 W
Dimensions	482 mm (18.98") (W) x 94.7 mm (3.73") (D) x 380.8 mm (14.99") (H)
Packing Dimension	615 mm (24.21") (W) x 250 mm (9.84") (D) x 585 mm (23.03") (H)
Weight(net/gross)	8 kg (17.64 lb)/ 10.4 kg (22.93 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Ordering Information

P1197E-500 w/ PCIe	19" SXGA expandable industrial touch panel computer with LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 1 PCIe x4 slot, 100~240 VAC
P1197E-500 w/ PCI	19" SXGA expandable industrial touch panel computer with LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 1 PCI slot, 100~240 VAC

* Specification and certifications are based on requirements and may vary.

Optional Accessories

82211970060E	DVD-RW kit
82211970070E	VESA & wall mount kit
82231870240E	Wireless LAN kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

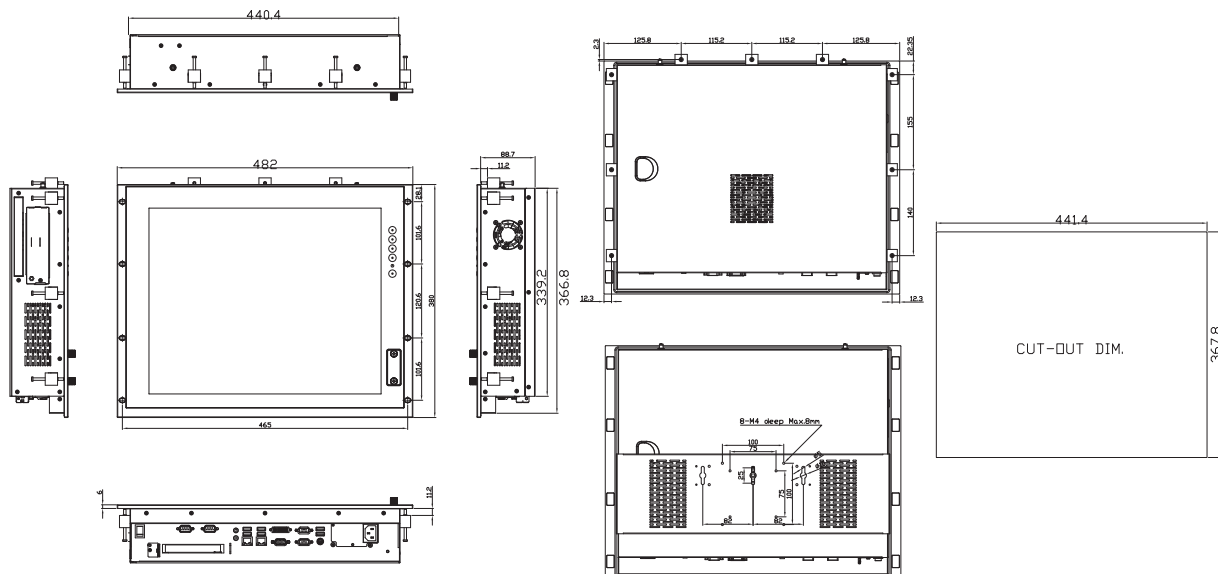
Optional OS Installation

Windows® 10
Windows® 10 IoT Enterprise



▲ Less screw design

Dimensions

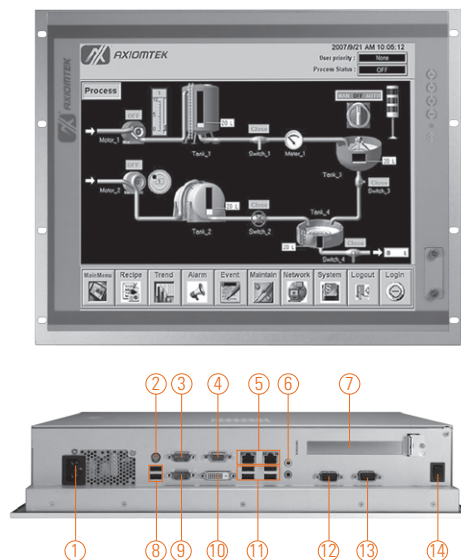
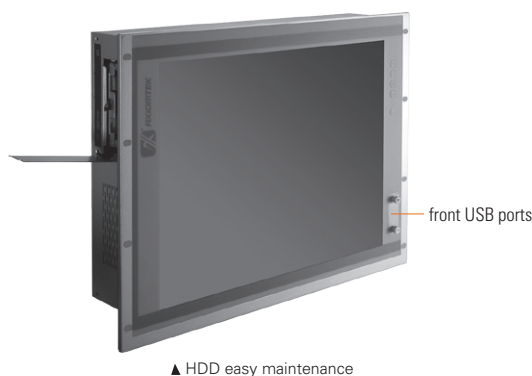


P1197E-861

19" SXGA TFT Expandable Industrial Touch Panel Computer with 3rd/2nd Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, 1 PCI or 1 PCIe Slot

Features

- 19" SXGA TFT LCD display
- LGA1155 socket 3rd/2nd gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® H61 chipset
- Less screw design for easy installation
- 6 USB 2.0, 2 USB 2.0 and 4 COM ports
- One PCIe x4 or one PCIe expansion slots
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



1. AC Plug
2. PS2 keyboard & mouse combo
3. COM 1 (RS-232/422/485)
4. VGA x 1
5. Ethernet x 2
6. Audio (Mic-in/Line-out)
7. 1 x PCIe x4 or 1 x PCI
8. USB 2.0 x 2
9. COM 2 (RS-232)
10. DVI-D x 1
11. USB 2.0 x 4
12. COM 3 (RS-232)
13. COM 4 (RS-232)
14. Power switch



Introduction

The P1197E-861 is a multimedia 19" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1197E-861 is powered by a high performance LGA1155 socket 3rd & 2nd generation Intel® Core™ processor with the Intel® H61 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory and automation.

Expandable for 1 PCIe or 1 PCI

The P1197E-861 has 1 PCIe x4 or 1 PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1197E-861 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

SATA HDD Trays for Easy Maintenance

Without the complicated steps, users can maintain hard drive in 2 steps that make the work more efficiency.

Friendly Less Screw Design

The P1197E-861 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness	350 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1155 socket 3rd/2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® H61
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	2 x 2.5" SATA HDD
	Drive	1 x built-in slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	3 x RS-232 (COM 2-4) 1 x RS-232/422/485 (COM 1) 1 x DVI-D 1 x VGA 6 x USB 2.0 (back) 2 x USB 2.0 (front) 2 x 10/100/1000 Mbps Ethernet (Realtek RTL8111E) 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard & mouse combo
Expansion Interface	1 x PCIe x4 or 1 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 270 W
Power Consumption	162 W
Dimensions	469 mm (18.46") (W) x 94.7 mm (3.73") (D) x 380.8 mm (14.99") (H)
Packing Dimension	615 mm (24.21") (W) x 250 mm (9.84") (D) x 585 mm (23.03") (H)
Weight(net/gross)	8 kg (17.64 lb)/ 10.4 kg (22.93 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Ordering Information

P1197E-861 w/ PCIe	19" SXGA expandable industrial touch panel computer with LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 1 PCIe x4 slot, 100~240 VAC
P1197E-861 w/ PCI	19" SXGA expandable industrial touch panel computer with LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 1 PCI slot, 100~240 VAC

* Specification and certifications are based on requirements and may vary.

Optional Accessories

82211970060E	DVD-RW kit
82211970070E	VESA & wall mount kit
82231870240E	Wireless LAN kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

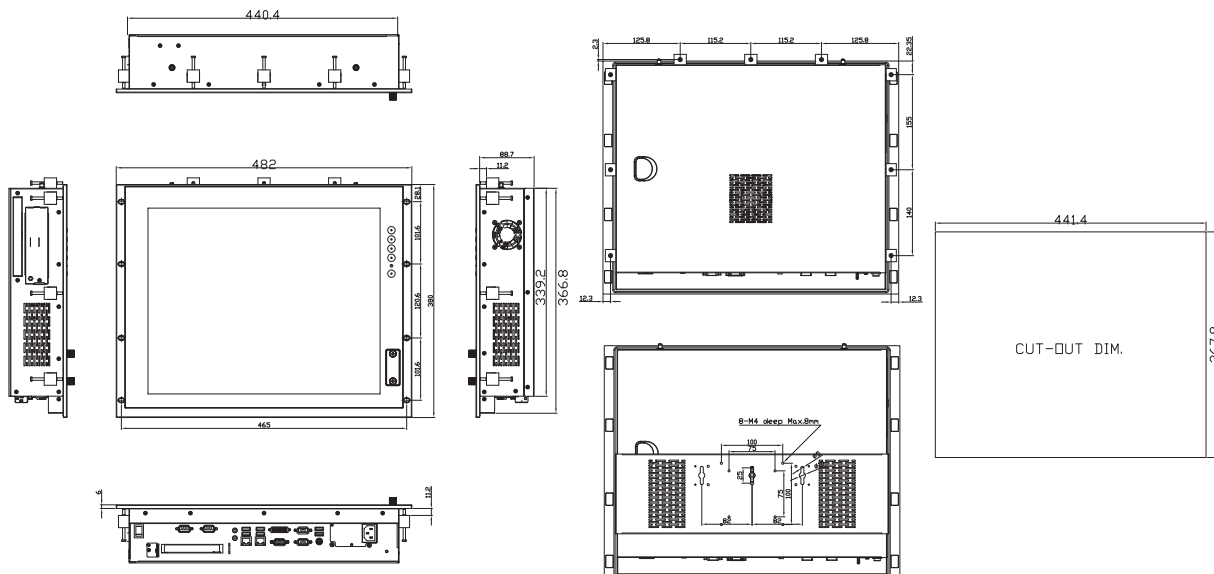
Optional OS Installation

Windows® XP/XPe
Windows® 7/8.1
Windows® Embedded 7/8



▲ Less screw design

Dimensions



P1177E-842

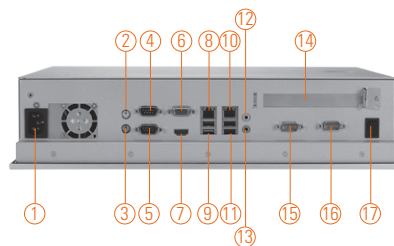
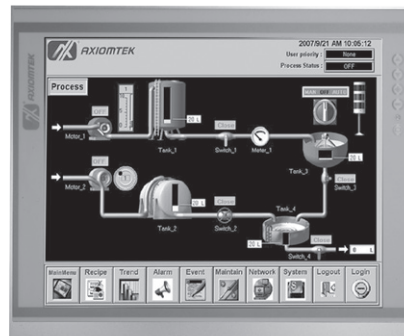
17" SXGA TFT Expandable Industrial Touch Panel Computer with Intel® Celeron® Processor J1900 and 1 PCI Slot

Features

- 17" SXGA TFT LCD display
- Intel® Celeron® quad-core processor J1900 2.0 GHz (Bay Trail)
- One PCI expansion slot and one Mini PCIe Card with SIM slot
- 1 USB 3.0, 3 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Easy Maintenance & Hardware Installation



1. AC Plug x 1
2. PS/2 Mouse
3. PS/2 Keyboard
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. VGA x 1
7. HDMI x 1
8. RJ-45 for Gigabit Ethernet x 1
9. USB 3.0 x 1, USB 2.0 x 1
10. RJ-45 for Gigabit Ethernet x 1
11. USB 2.0 x 2
12. Line-out x 1
13. Mic-in x 1
14. PCI Card expansion slot x 1
15. COM 3 (RS-232)
16. COM 4 (RS-232)
17. Switch for power on/off x 1



Introduction

The P1177E-842 is equipped with a 17-inch SXGA TFT LCD display and IP65 compliant front bezel. This rugged panel PC is powered by quad-core Intel® Celeron® processor J1900 for a great balance between performance and power consumption. The entire system is protected by a robust, slim aluminum casing with IP65/NEMA 4 compliant front bezel, which makes it suitable to operate in extreme and space-constricting environments. There are only three screws on the back chassis, which users can quickly remove it and install storage, memory and expansion cards with ease. It comes with both PCI and PCI Express Mini Card slots, and is also capable of dual-display through VGA and HDMI outputs. The P1177E-842 is a highly integrated system for factory automation, kiosks, industrial automation, and IoT & M2M applications.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Speaker and WLAN Antenna Supported

The scalable P1177E-842 features built-in speakers which can be used for multimedia content displays on kiosk applications. It also supports Wi-Fi 802.11 module and antenna for wireless network connectivity up to 200Mbps data rate. By plugging in the WLAN module, users can have instant access to wireless LAN/GPRS/GSM/3G.

Expansion capability

The 17-inch industrial touch panel PC, P1177E-842, offers one PCI slot or one PCI Express Mini Card slot for expansion purpose. User can easily plug in standard half-size PCI card for any requirement.

Specifications

Front Bezel	Aluminum with IP65/NEMA 4 rugged protection
LCD Panel	Display Type 17" SXGA TFT LCD
	Brightness 250 nits
	Resolution 1280 x 1024 pixels
	Viewing Angle 170°/160°
Main System	CPU Intel® Celeron® processor J1900 2.0 GHz (Bay Trail)
	System Memory 1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB
	BIOS AMI UEFI BIOS with OA 3.0 built
	Storage 1 x 3.5" or 2.5" SATA HDD 1 x mSATA
	Watchdog Timer 255 levels, 1~255 sec.

Specifications

IO Connector	2 x RS-232/422/485 1 x RS-232 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet (Realtek RTL8111E) 1 x VGA 1 x HDMI 1 x PS2 keyboard & mouse 1 x USB 3.0 3 x USB 2.0 1 x Audio (Mic-in/Line-out)
Expansion Interface	1 x PCI Slot 1 x PCI Express Mini Card with SIM Slot
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100-240 VAC, 200W
Power Consumption	67 W
Dimensions	410 mm (16.14") (W) x 92 mm (3.62") (D) x 338 mm (13.30") (H)
Packing Dimension	605 mm (23.82") (W) x 240 mm (9.45") (D) x 570 mm (22.44") (H)
Weight(net/gross)	6.3 kg (13.89 lb) /10.1 kg (22.27 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Ordering Information

P1177E-842	17" SXGA expandable industrial touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad cores processor, resistive touch screen, 1 PCI slot and 100-240 VAC
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* Specification and certifications are based on requirements and may vary.

Optional Accessories

82211770060E	VESA & wall mount kit
82211770070E	Rack mount kit
82231870240E	Wireless LAN kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

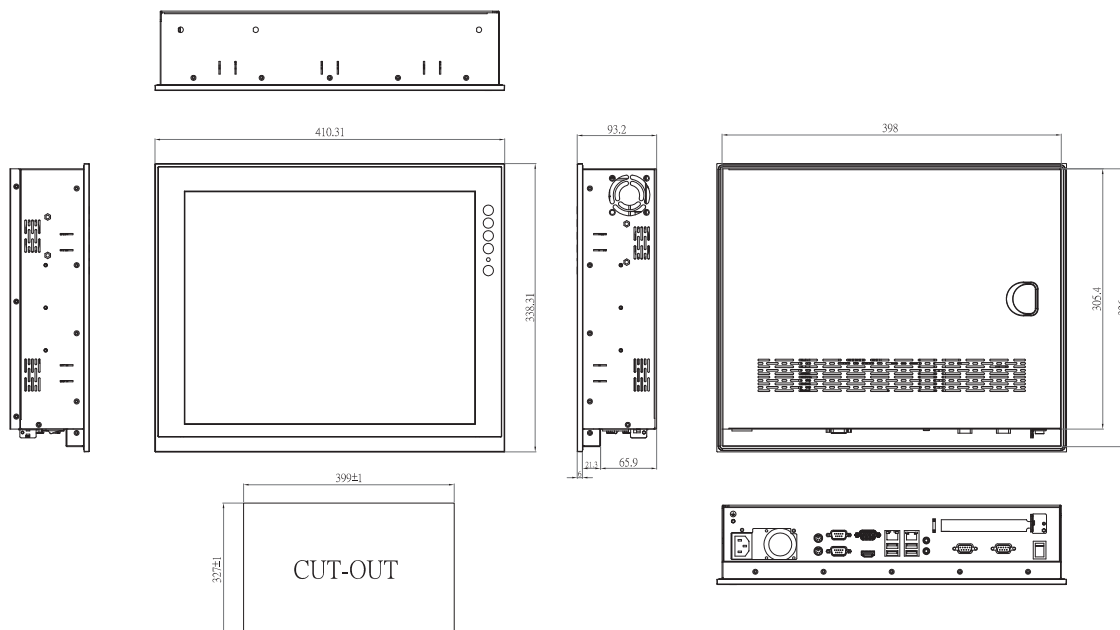
Optional OS Installation

Windows® 7/8.1
Windows® Embedded 7/8



▲ Less screw design

Dimensions

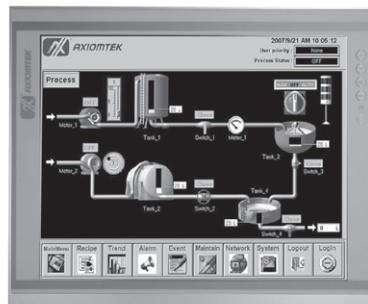


P1177S-881

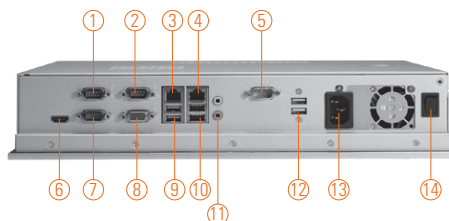
17" SXGA TFT Slim Industrial Touch Panel Computer with 4th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor

Features

- 17" SXGA TFT LCD display
- LGA1150 socket 4th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor (Broadwell/Haswell)
- Intel® H81 chipset
- Less screw design for easy installation
- 2 USB 3.0, 4 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design
- The best C/P ratio for HMI solution



▲ Side view



1. COM 1 with 5V & 12V (RS-232/422/485)
2. COM 3 with 5V & 12V (RS-232/422/485)
3. LAN 1 (RJ-45 for Gigabit Ethernet)
4. LAN 2 (RJ-45 for Gigabit Ethernet)
5. COM 4 with 5V & 12V (RS-232)
6. HDMI x 1
7. COM 4 with 5V & 12V (RS-232/422/485)
8. VGA x 1
9. USB 3.0 x 2
10. USB 2.0 x 2
11. Mic-in x 1, Line-out x 1
12. USB 2.0 x 2
13. AC Plug x 1
14. Switch for power on/off x 1



Introduction

The P1177S-881 is a multimedia 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177S-881 is powered by a high performance LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor with the Intel® H81 Express chipset (Broadwell/Haswell). It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Speaker and WLAN Antenna Supported

The P1177S-881 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1177S-881 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness	250 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor (Broadwell/Haswell)
	Chipset	Intel® H81
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	3 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 1 x VGA 1 x HDMI 2 x USB 3.0 4 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i217LM/i210AT) 1 x Audio (Mic-in/Line-out)
Expansion Interface	N/A
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 200 W
Power Consumption	142 W
Dimensions	410 mm (16.14") (W) x 80 mm (3.15") (D) x 338 mm (13.3") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	6.6kg (14.55lb) / 10.6kg (23.37lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0 G, 5-500Hz, random
Certificate	CE

Ordering Information

P1177S-881	17" SXGA slim industrial touch panel computer with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 100-240 VAC
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* Specification and certifications are based on options and may vary.

Optional Accessories

82211770060E	VESA & wall mount kit
82211770070E	Rack mount kit
82011750130E	2 x 2.5" HDD bracket
82211271000E	Wireless LAN kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

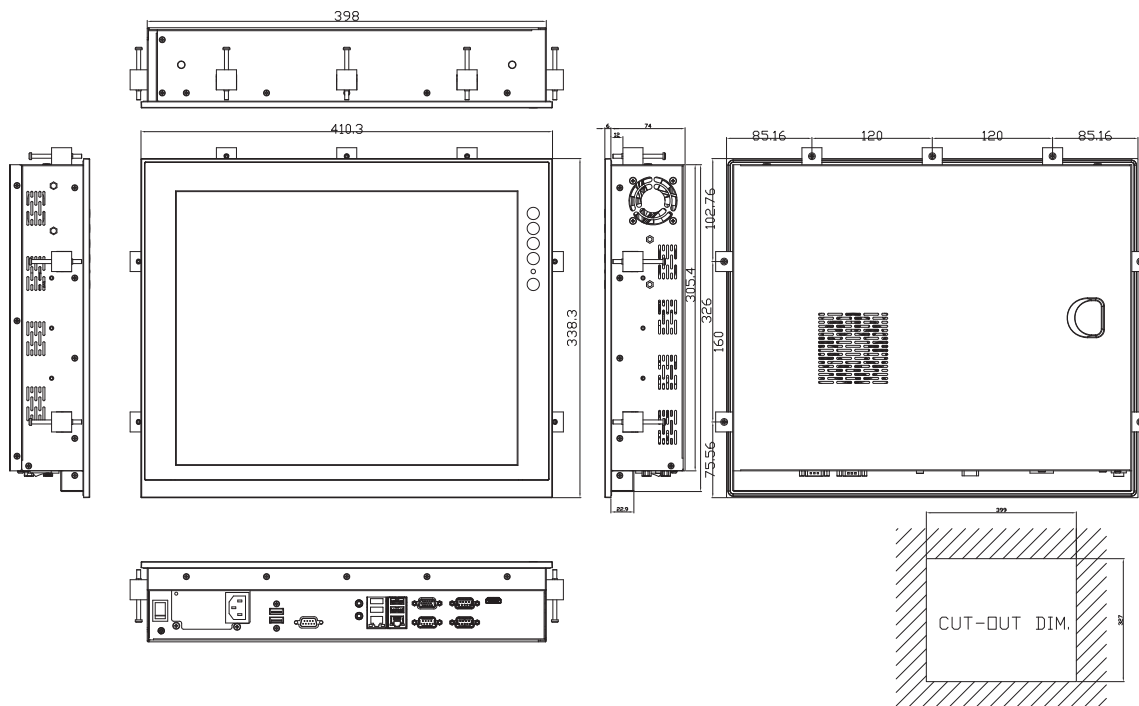
Optional OS Installation

Windows® 7/8.1
Windows® Embedded 7/8



▲ Less screw design

Dimensions



P1177S-871

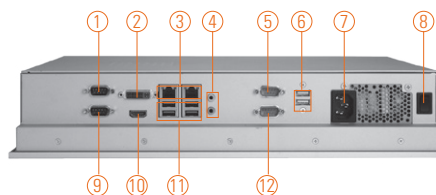
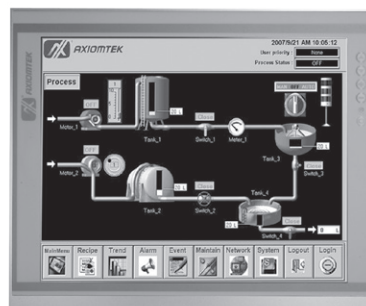
17" SXGA TFT Slim Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor

Features

- 17" SXGA TFT LCD display
- LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® Q77 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Side view



- | | | |
|---|-------------------|--------------------|
| 1. COM 1 with 5V & 12V (RS-232/422/485) | 6. USB 2.0 x 2 | 11. USB 3.0 x 4 |
| 2. DVI-I | 7. AC plug | 12. COM 4 (RS-232) |
| 3. Ethernet x 2 | 8. Power switch | |
| 4. Audio (MIC-in/Line-out) | 9. COM 2 (RS-232) | |
| 5. COM 3 with 5V & 12V (RS-232) | 10. HDMI | |



Introduction

The P1177S-871 is a multi-media 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177S-871 is powered by the high performance LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor with Intel® Q77 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation fields.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Speaker and WLAN Antenna Supported

The P1177S-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module (optional) antenna for wireless network connectivity.

Friendly Less Screw Design

The P1177S-871 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

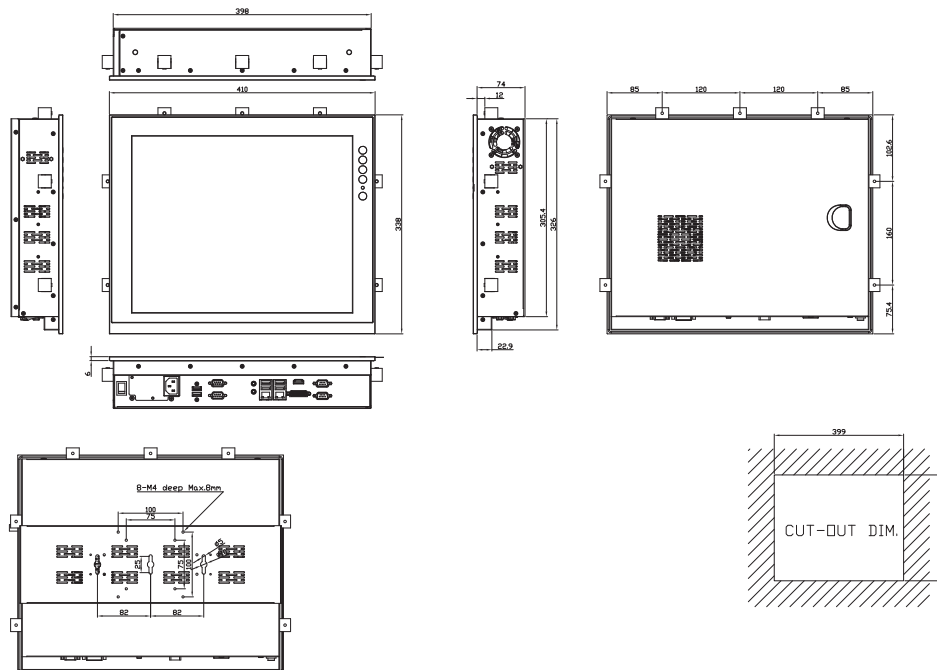
Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness	350 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® Q77
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	2 x RS-232 (COM 2/4) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® 82579LM/82583V) 1 x Audio (Mic-in/Line-out)
Expansion Interface	N/A
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 27 W
Power Consumption	178 W
Dimensions	410 mm (16.14") (W) x 80 mm (3.15") (D) x 338 mm (13.3") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	7 kg (15.43 lb)/ 10.8 kg (23.8 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10%~ 95% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Dimensions



Ordering Information

P1177S-871	17" SXGA slim industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 100~240 VAC
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* Specification and certifications are based on options and may vary.

Optional Accessories

82211271000E	Wireless LAN kit
82011750130E	2 x 2.5" HDD Kit
82211770060E	VESA & wall mount kit
82211770070E	Rack mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

Optional OS Installation

Windows® XP/XPe
Windows® 7/8.1
Windows® Embedded 7/8



▲ Less screw design

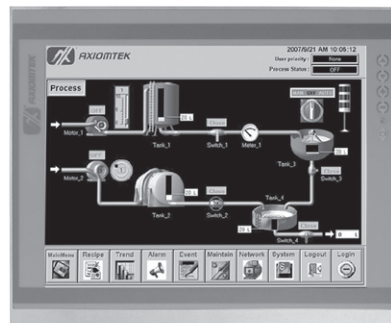


P1177E-871

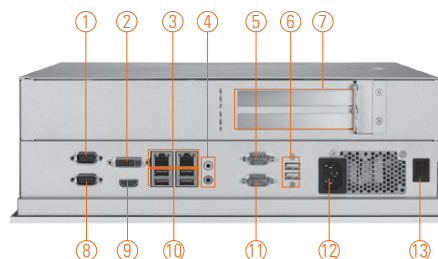
17" SXGA TFT Expandable Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® Processor, 2 PCIe or 2 PCI Slots

Features

- 17" SXGA TFT LCD display
- LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
- Intel® C216 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- 2 PCIe x8 or PCI expansion slots
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Side view



1. COM 1 with 5V & 12V (RS-232/422/485)
2. DVI-I
3. Ethernet x 2
4. Audio (Mic-in/Line-out)
5. COM 3 with 5V & 12V (RS-232)
6. USB 2.0 x 2
7. PCIe x8 x 2 or PCI x 2
8. COM 2 (RS-232)
9. HDMI
10. USB 3.0 x 4
11. COM 4 (RS-232)
12. AC plug
13. Power switch



Introduction

The P1177E-871 is a multimedia 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177E-871 is powered by a high performance 3rd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processors with the Intel® C216 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Expandable for 2 PCIe or 2 PCI

The P1177E-871 has 2 PCIe x8 or 2 PCI ports for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1177E-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1177E-871 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness	350 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
	Chipset	Intel® C216
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD
	Drive	1 x built-in slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1-255 sec.

Specifications

IO Connector	2 x RS-232 (COM 2/4) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® 82579LM/82583V) 1 x Audio (Mic-in/Line-out)
Expansion Interface	2 x PCIe x8 or 2 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 270 W
Power Consumption	180 W
Dimensions	410 mm (16.14") (W) x 131 mm (5.16") (D) x 338 mm (13.3") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	8.2 kg (18.078 lb)/12 kg (26.46 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Ordering Information

P1177E-871 w/ PCIe	17" SXGA expandable industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen and 2 PCIe x8 slot, 100~240 VAC
P1177E-871 w/ PCI	17" SXGA expandable industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen and 2 PCI slot, 100~240 VAC

* Specification and certifications are based on options and may vary.

Optional Accessories

82211271000E	Wireless LAN kit
82011750130E	2 x 2.5" HDD kit
8211770120E	VESA & wall mount kit
82211770070E	Rack mount kit
82211770110E	P1177E-871 DVD-RW kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

Optional OS Installation

Windows® XP/XPe
Windows® 7/8.1
Windows® Embedded 7/8

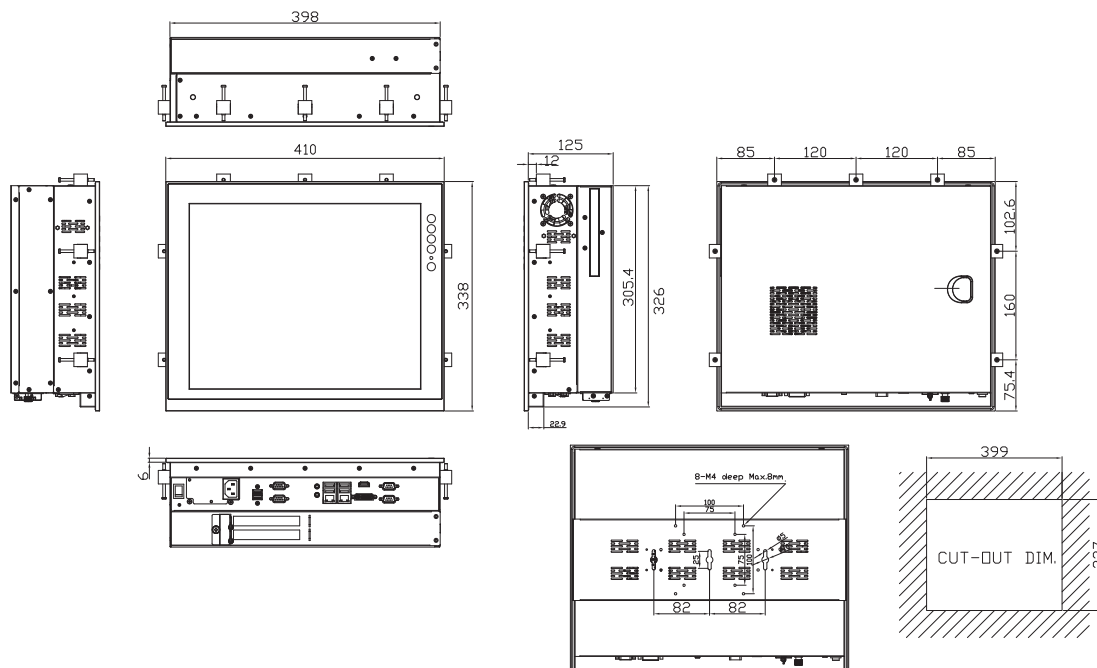


▲ Expanelable design



▲ Less screw design

Dimensions

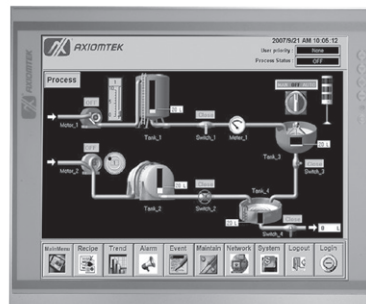


P1157S-881

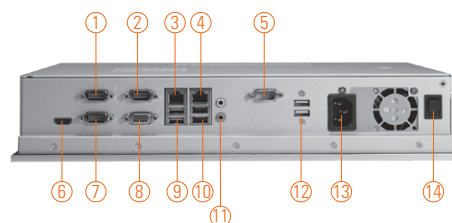
15" XGA TFT Slim Industrial Touch Panel Computer with 4th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor

Features

- 15" XGA TFT LCD display
- LGA1150 socket 4th gen Intel® Core™ i7/i5/i3 Celeron® & Pentium® processor (Broadwell/Haswell)
- Intel® H81 chipset
- Less screw design for easy installation
- 2 USB 3.0, 4 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design
- The best C/P ratio for HMI solution



▲ Side view



1. COM 1 with 5V & 12V (RS-232/422/485)
2. COM 3 with 5V & 12V (RS-232/422/485)
3. LAN 1 (RJ-45 for Gigabit Ethernet)
4. LAN 2 (RJ-45 for Gigabit Ethernet)
5. COM 4 with 5V & 12V (RS-232)
6. HDMI x 1
7. COM 2 with 5V & 12V (RS-232/422/485)
8. VGA x 1
9. USB 3.0 x 2
10. USB 2.0 x 2
11. Mic-in x 1, Line-out x 1
12. USB 2.0 x 2
13. AC Plug x 1
14. Switch for power on/off x 1



Introduction

The P1157S-881 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157S-881 is powered by a high performance LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 Celeron® & Pentium® processor with the Intel® H81 Express chipset (Broadwell/Haswell). It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Speaker and WLAN Antenna Supported

The P1157S-881 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1157S-881 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

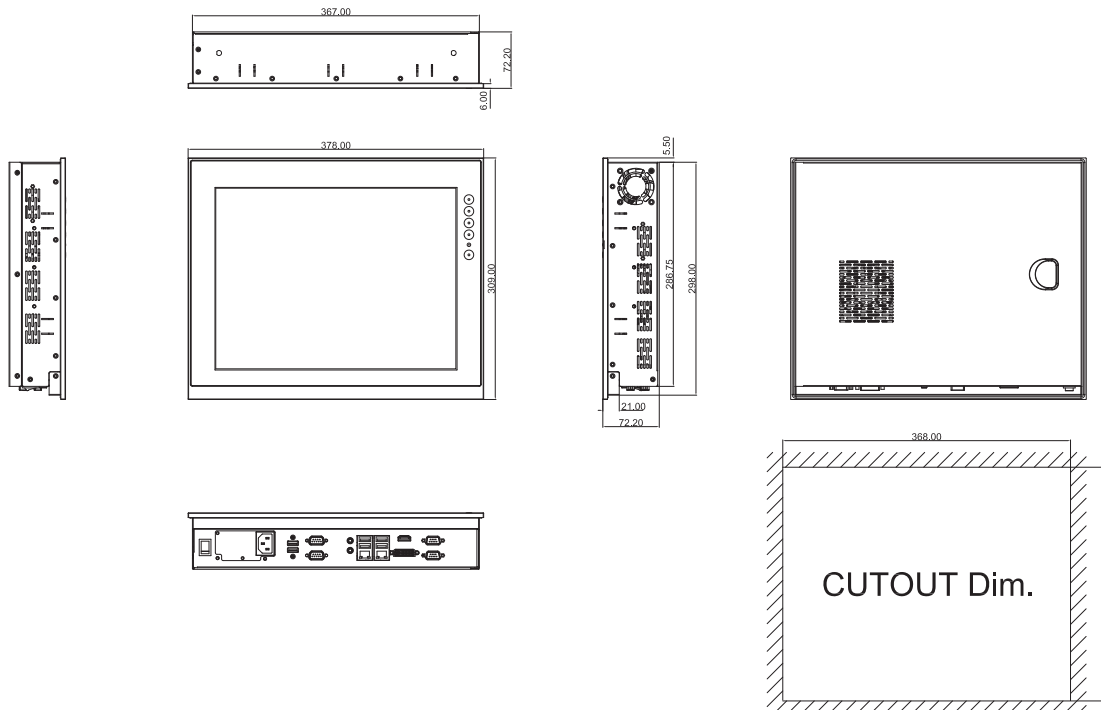
Specifications

Front Bezel	Aluminum with IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness	250 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 Celeron® & Pentium® processor (Broadwell/Haswell)
	Chipset	Intel® H81
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD
	Watchdog Timer	255 levels, 1-255 sec.

Specifications

IO Connector	3 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 1 x VGA 1 x HDMI 2 x USB 3.0 4 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i217LM/i210AT) 1 x Audio (Mic-in/Line-out)
Expansion Interface	N/A
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 200 W
Power Consumption	142 W
Dimensions	378 mm (14.88") (W) x 72.2 mm (2.84") (D) x 309 mm (12.17") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	5.4 kg (11.88 lb)/ 7.8 kg (17.16 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Dimensions



Ordering Information

P1157S-881	15" XGA slim industrial touch panel computer with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 100~240 VAC
------------	--

* Specification and certifications are based on options and may vary.

Optional Accessories

82211570050E	VESA & wall mount kit
82211570060E	Rack mount kit
72211571000E	2 x 2.5" HDD bracket
82211271000E	Wireless LAN kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

Optional OS Installation

Windows® 7/8.1
Windows® Embedded 7/8



▲ Less screw design



P1157S-871

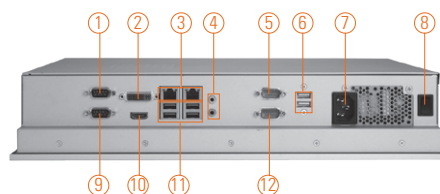
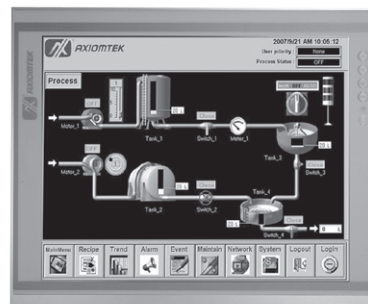
15" XGA TFT Slim Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor

Features

- 15" XGA TFT LCD display
- LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® Q77 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Side view



- | | | |
|---|-------------------|--------------------|
| 1. COM 1 with 5V & 12V (RS-232/422/485) | 6. USB 2.0 x 2 | 11. USB 3.0 x 4 |
| 2. DVI-I | 7. AC plug | 12. COM 4 (RS-232) |
| 3. Ethernet x 2 | 8. Power switch | |
| 4. Audio (Mic-in/Line-out) | 9. COM 2 (RS-232) | |
| 5. COM 3 with 5V & 12V (RS-232) | 10. HDMI | |



Introduction

The P1157S-871 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157S-871 is powered by a high performance LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor with the Intel® Q77 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Speaker and WLAN Antenna Supported

The P1157S-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1157S-871 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

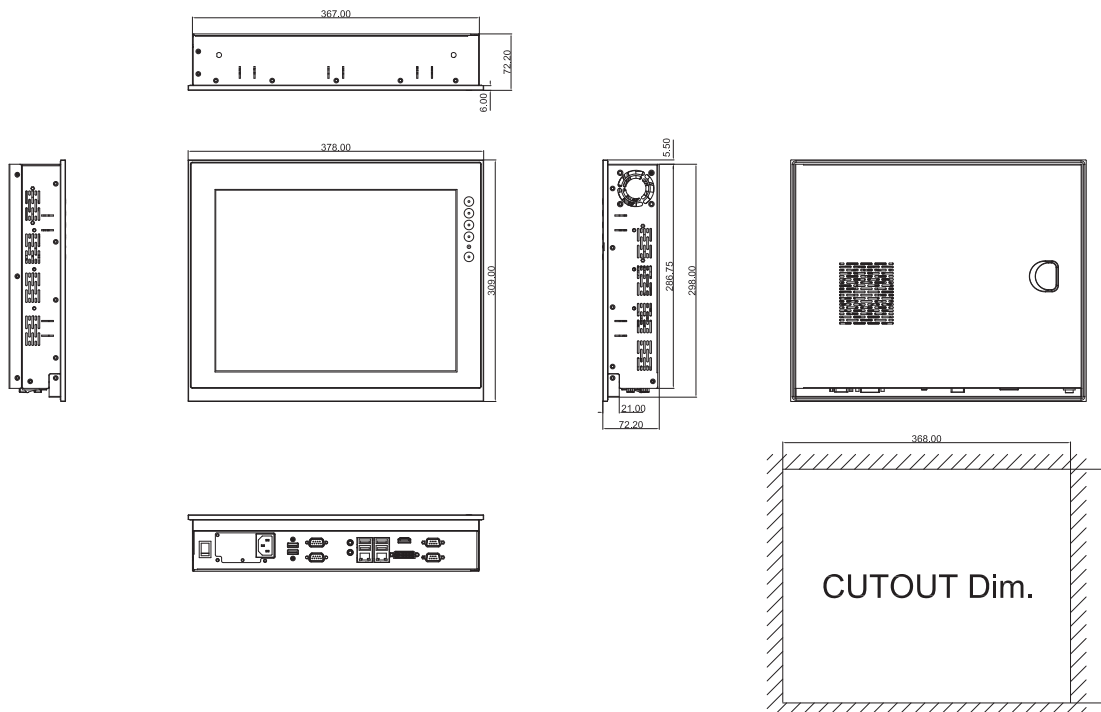
Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness	350 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® Q77
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	2 x RS-232 (COM 2 & COM 4) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® 82579LM/82583V) 1 x Audio (Mic-in/Line-out)
Expansion Interface	N/A
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 270 W
Power Consumption	165 W
Dimensions	378 mm (14.88") (W) x 72.2 mm (2.84") (D) x 309 mm (12.17") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	5.2 kg (11.46 lb)/ 7.5 kg (16.53 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Dimensions



Ordering Information

P1157S-871	15" XGA slim industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 100-240 VAC
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* Specification and certifications are based on options and may vary.

Optional Accessories

82211271000E	Wireless LAN kit
82211570050E	VESA & wall mount kit
82211570060E	Rack mount kit
72211571000E	2 x 2.5" HDD bracket
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

Optional OS Installation

Windows® XP/XPe
Windows® 7/8.1
Windows® Embedded 7/8



▲ Less screw design



P1157E-871

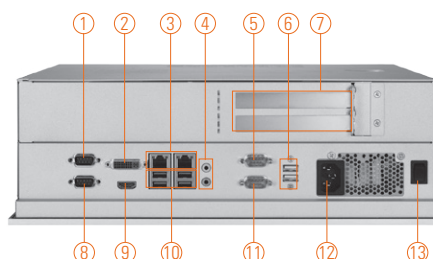
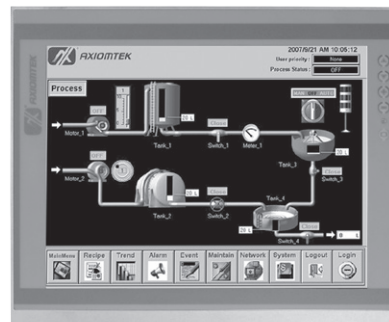
15" XGA TFT Expandable Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor, 2 PCIe or 2 PCI Slots

Features

- 15" XGA TFT LCD display
- LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® C216 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- Two PCIe or two PCI expansion slots
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Side view



- | | | |
|---|---------------------------------|--------------------|
| 1. COM 1 with 5V & 12V (RS-232/422/485) | 5. COM 3 with 5V & 12V (RS-232) | 10. USB 3.0 x 4 |
| 2. DVI-I | 6. USB 2.0 x 2 | 11. COM 4 (RS-232) |
| 3. Ethernet x 2 | 7. PCIe x8 x 2 or PCI x 2 | 12. AC plug |
| 4. Audio (Mic-in/Line-out) | 8. COM 2 (RS-232) | 13. Power switch |
| | 9. HDMI | |



Introduction

The P1157E-871 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157E-871 is powered by a high performance LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processors with the Intel® C216 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Expandable for 2 PCIe or 2 PCI

The P1157E-871 has 2 PCIe x8 or 2 PCI slots for expansion purpose. User can easily plug in standard half-size PCI or PCIe card based on any application needs.

Speaker and WLAN Antenna Supported

The P1157E-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1157E-871 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness	350 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® C216
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD
	Drive	1 x builtin slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	2 x RS-232 (COM 2/4) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® 82579LM/82583V) 1 x Audio (Mic-in/Line-out)
Expansion Interface	2 x PCIe x8 or 2 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 270 W
Power Consumption	167 W
Dimensions	378 mm (14.88") (W) x 125.5 mm (4.94") (D) x 309 mm (12.17") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	6.2 kg (13.67 lb)/ 9.6 kg (21.16 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Ordering Information

P1157E-871 w/ PCIe	15" XGA expandable industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen, 2 PCIe x8 slots and 100-240 VAC
P1157E-871 w/ PCI	15" XGA expandable industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen, 2 PCI slots and 100-240 VAC

* Specification and certifications are based on options and may vary.

Optional Accessories

82211271000E	Wireless LAN kit
8211570100E	VESA & wall mount kit
8211570060E	Rack mount kit
72211571000E	2 x 2.5" HDD bracket
82211570070E	P1157E-871 DVD-RW kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

Optional OS Installation

Windows® XP/XPe

Windows® 7/8.1

Windows® Embedded 7/8

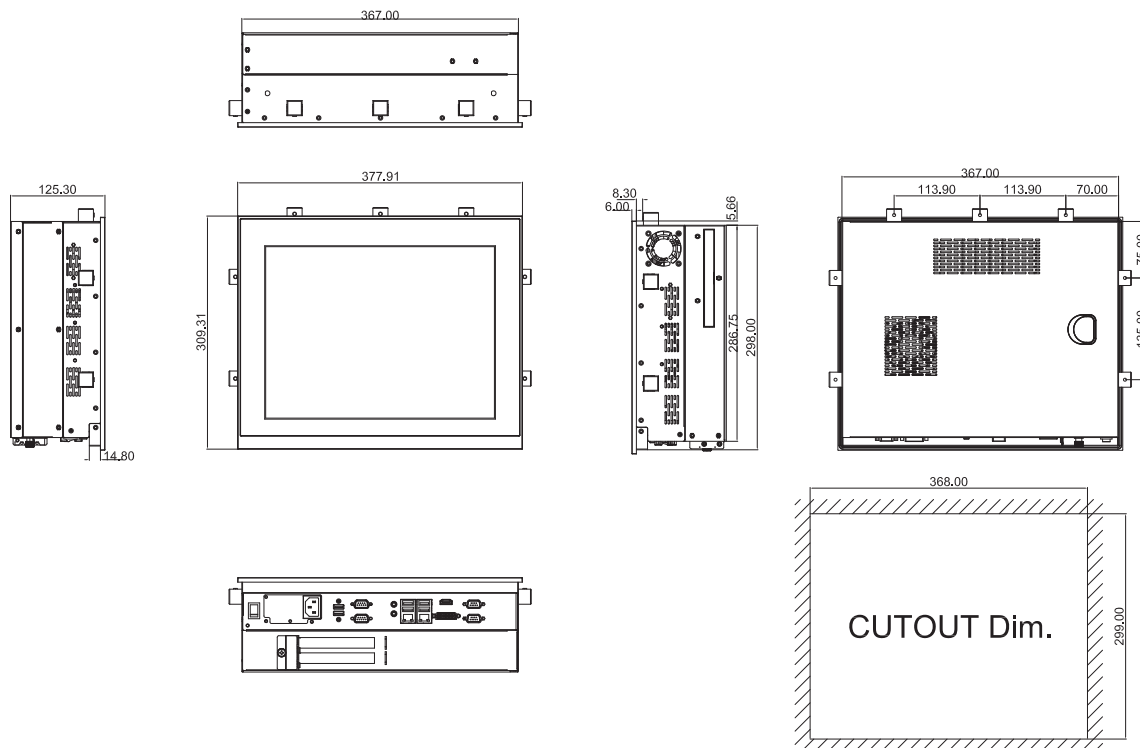


▲ Expandable design



▲ Less screw design

Dimensions

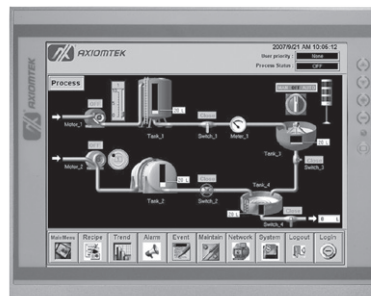


P1127E-871

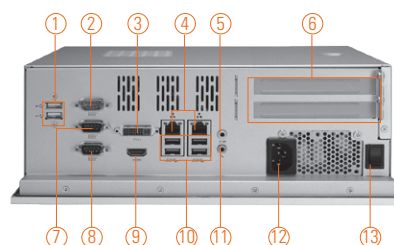
12.1" XGA TFT Expandable Industrial Touch Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® Processor, 2 PCIe or 2 PCI Slots

Features

- 12.1" XGA TFT LCD display
- LGA1155 socket 3rd gen Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
- Intel® C216 chipset
- Less screw design for easy installation
- 4 USB 3.0, 2 USB 2.0 and 3 COM ports
- Two PCIe or PCI expansion slots
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Side view



1. USB 2.0 x 2
2. COM 3 with 5V & 12V (RS-232)
3. DVI-I
4. Ethernet x 2
5. Audio (Line-out)
6. PCIe x8 x 2 or PCI x2
7. COM 1 with 5V & 12V (RS-232/422/485)
8. COM 2 (RS-232)
9. HDMI
10. USB 3.0 x 4
11. Audio (Mic-in)
12. AC plug
13. Switch for power on/off



Introduction

The P1127E-871 is a multimedia 12.1" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1127E-871 is powered by a high performance 3rd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processors with the Intel® C216 chipset. It features three COM ports, two Gigabit LAN ports and up to 16GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

Dual Monitor Display

If larger viewing area is desired, an additional display can be connected via the system's VGA or HDMI port to help enhance worker's productivity level.

Expandable for 2 PCIe or 2 PCI

The P1127E-871 has 2 PCIe x8 or 2 PCI slots for expansion purpose. User can easily plug in standard half-size PCI or PCIe card for any requirement.

Speaker and WLAN Antenna Supported

The P1127E-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

Friendly Less Screw Design

The P1127E-871 is designed with ease of maintenance in mind. There are only three screws on the back chassis, so that technicians can quickly remove the system's back cover with minimum effort.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness	500 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
	Chipset	Intel® C216
	System Memory	2 x 204-pin DDR3-1333/1600 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD
	Watchdog Timer	255 levels, 1~255 sec.

Specifications

IO Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® 82579LM/82583V) 1 x Audio (Mic-in/Line-out)
Expansion Interface	2 x PCIe x8 or 2 x PCI
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240 VAC, 270 W
Power Consumption	160 W
Dimensions	311.5 mm (12.26") (W) x 111.85 mm (4.4") (D) x 250 mm (9.84") (H)
Packing Dimension	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight(net/gross)	5 kg (11.02 lb)/7.1 kg (15.65 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 10% ~ 90% @ 40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

Ordering Information

P1127E-871 w/ PCIe	12.1" XGA expandable industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen, 2 PCIe x8 slots and 100-240 VAC
P1127E-871 w/ PCI	12.1" XGA expandable industrial touch panel computer with LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen, 2 PCI slots and 100-240 VAC

* Specification and certifications are based on options and may vary.

Optional Accessories

82211271000E	Wireless LAN kit
82211270060E	VESA & wall mount kit
E981604011	ATC10 (VESA arm clamp type)
E981604012	ATW10 (VESA arm wall mount)

Optional OS Installation

Windows® XP/XPe
Windows® 7/8.1
Windows® Embedded 7/8

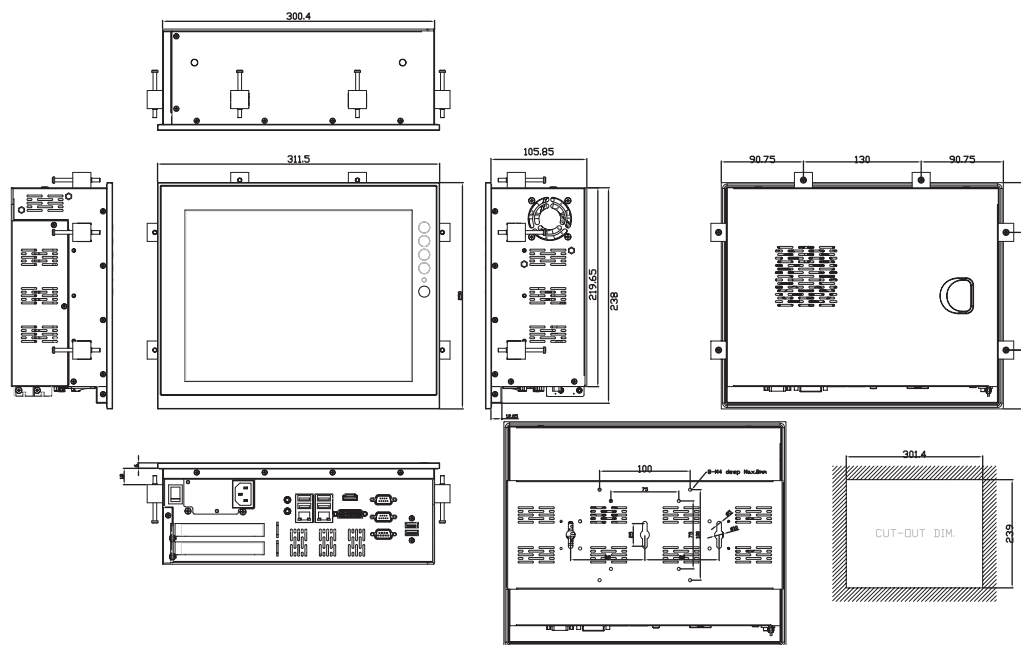


▲ Expandable design



▲ Less screw design

Dimensions





- ▶ Overview
- ▶ Fanless Touch Panel Computers
- ▶ Heavy-duty Fanless Touch Panel Computers
- ▶ Stainless Touch Panel Computers
- ▶ Transportation Touch Panel Computers
- ▶ Industrial Panel Computers
- ▶ Industrial Touch Monitors
- ▶ Medical Panel Computers
- ▶ Open Frame Panel Computers
- ▶ Accessories

Touch Panel Computers

www.axiomtek.com

6

Industrial Touch Monitors

The transportation touch panel computer and display is used to keep the train driver informed of the status of a train. Its design allows it to be deployed in an environment at extended temperatures (-25°C to 70°C). It also complies with standards for railway applications such as EMC (for electromagnetic compatibility) and EN 50155 (for shock and vibration test).

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P6103W NEW	10.1" WXGA TFT Widescreen Industrial LCD Monitor	677
P6841O NEW	8.4" SVGA TFT Industrial Open Frame Monitor	679

Industrial Touch Monitors

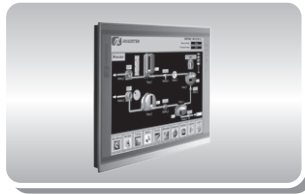
P6000 Series for Automation Applications

Axiomtek's P6000 industrial flat panel monitors come in 10.4", 12.1", 15", 15.6", 17", 18.5", 19" & 21.5" and support high brightness TFT LCD. This series has NEMA4/12 (IP65) compliant front panels, and light-duty aluminum panels & chassis. The P6000 series supports multi-signal interfaces including DVI-D,VGA,S-Video,Video or HDMI,DVI-D,DisplayPort and features screwtype adaptor plug design & 12/24V DC-In. With a compact mechanism design, it is suitable for POI/POS, media-display, transportation and all kinds of heavy-duty industrial applications.

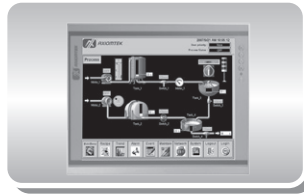
Major Features



▲ Varied sizes of 8.4", 10.1", 10.4", 12.1", 15", 15.6", 17", 18.5", 19" and 21.5"



▲ Light design & various T/S: resistive, capacitive and IR touch



▲ Flexible mounting ways: desktop/rack/panel/wall/VESA



▲ Sunlight readable panel monitor

Industrial Touch Monitors

Selection Guide



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Features/Models	P6217W	P61910	P6191
Display Type	Flat front bezel (NEMA 4/12) 21.5" FHD TFT	Open frame mount (NEMA 4/12) & IP65 19" SXGA TFT	Aluminum front bezel (NEMA 4/12) & IP65 19" SXGA TFT
Max. Colors	16.7M	16.7M	16.7M
Active Area (mm)	476.64 x 268.11	376.32 x 301.06	376.32 x 301.06
Max. Resolution	1920 x 1080	1280 x 1024	1280 x 1024
Display Mode	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz) WXGA 1366 x 768 (60Hz) FHD 1920 x 1080 (60Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)
Pixel Pitch (mm)	0.24 (H) x 0.24 (V)	0.24 (H) x 0.24 (V)	0.24 (H) x 0.24 (V)
Backlight	LED	LED	LED
Backlight MTBF (hrs)	50,000	50,000	50,000
Viewing Angle (H/V)	178°/178°	170°/160°	170°/160°
Response Time	18ms	8ms	8ms
Contrast Ratio	3,000	50,000	50,000
Brightness (cd/m2)	250 nits	350 nits	350 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch
Touchscreen	Capacitive multi-touch	Resistive type	Resistive type
Power Consumption	20 W	17 W	17 W
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	547.59 x 53 x 339.05 mm (21.56" x 2.09" x 13.34")	404.5 x 31.9 x 332 mm (15.93" x 1.26" x 13.07")	482 x 55 x 380 mm (18.98" x 2.17" x 14.96")
Weight (net/gross)	6.42 kg (14.15 lb)/7.78 kg (7.15 lb)	TBD	TBD
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)	0°C ~ +45°C (+32°F ~ +113°F)
Mounting	Panel mount Wall mount VESA arm	Open frame mount Wall mount VESA arm	Panel mount Wall mount Rack mount VESA arm
Certificate	CE	CE	CE



Industrial Touch Monitors

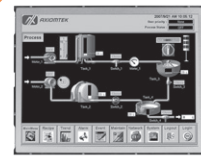
Selection Guide



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Features/Models	P6192	P6187W	P61710
Display Type	Metal front bezel (NEMA 4/12) 19" SXGA TFT	Flat front bezel (NEMA 4/12) 18.5" WXGA TFT	Open frame 17" SXGA TFT
Max. Colors	16.7M	16.7M	16.7M
Active Area (mm)	376.32 x 301.06	409.8 x 230.4	337.92 x 270.33
Max. Resolution	1280 x 1024	1366 x 768	1280 x 1024
Display Mode	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz) WXGA 1366 x 768 (60Hz)	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)
Pixel Pitch (mm)	0.294 x 0.294	0.3 x 0.3	0.264 x 0.264
Backlight	LED	LED	LED
Backlight MTBF (hrs)	50,000	50,000	30,000
Viewing Angle (H/V)	170°/160°	170°/160°	170°/160°
Response Time	5ms	5ms	5ms
Contrast Ratio	1000 (TYP)	1000 (TYP)	1000 (TYP)
Brightness (cd/m2)	350 nits	300 nits	350 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video 1 x DC power input 1 x USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch
Touchscreen	Resistive type	Capacitive multi-touch	Resistive type
Power Consumption	25 W	22 W	TBD
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	482 x 59.5 x 399 mm (18.97" x 2.34" x 15.7")	460 x 57 x 285 mm (18.11" x 2.44" x 11.22")	TBD
Weight (net/gross)	9.46 kg (20.86 lb)/13.5 kg (29.76 lb)	6.0 kg (12.22 lb)/8.0 kg (17.75 lb)	TBD
Operating Temperature	0°C ~ +55°C (+32°F ~ +131°F)	0°C ~ +55°C (+32°F ~ +131°F)	0°C ~ +50°C (+32°F ~ +122°F)
Mounting	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount VESA arm	Open frame mount Wall mount VESA arm
Certificate	CE	CE	CE



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Features/Models	P6171	P6173	P6157W
Display Type	Aluminum front bezel (NEMA 4/12) & IP65 17" SXGA TFT	Metal front bezel (NEMA 4/12) 17" SXGA TFT	Flat front bezel (NEMA 4/12) 15.6" WXGA TFT
Max. Colors	16.7M	16.7M	16.7M
Active Area (mm)	337.92 x 270.33	337.92 x 270.33	344.23 x 193.54
Max. Resolution	1280 x 1024	1280 x 1024	1366 x 768
Display Mode	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) WXGA 1366 x 768 (60Hz)
Pixel Pitch (mm)	0.264 x 0.264	0.264 x 0.264	0.252 x 0.252
Backlight	LED	LED	LED
Backlight MTBF (hrs)	30,000	30,000	50,000
Viewing Angle (H/V)	170°/160°	170°/160°	170°/160°
Response Time	5ms	5ms	8ms
Contrast Ratio	1000 (TYP)	1000 (TYP)	500 (TYP)
Brightness (cd/m2)	350 nits	350 nits	300 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x DVI-D 1 x Displayport 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video 1 x DC power input 1 x USB for touch
Touchscreen	Resistive type	Resistive type	Capacitive multi-touch
Power Consumption	24W	23W	12V, 19W
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	410.31 x 28 x 38.31mm (16.15" x 1.10" x 1.332")	482 x 60 x 360 mm (19" x 2.36" x 14.2")	396.8 x 57.6 x 247.1 mm (15.62" x 2.68" x 9.73")
Weight (net/gross)	3.8 kg (8.38 lb)/6.56 kg (14.46 lb)	5.5 kg (12.12 lb)/12.7 kg (28.0 lb)	4.48 kg (9.87 lb)/7.88 kg (17.36 lb)
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +55°C (+32°F ~ +131°F)	0°C ~ +55°C (+32°F ~ +131°F)
Mounting	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount VESA arm
Certificate	CE	CE	CE

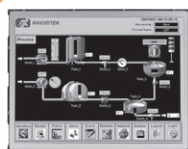
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Features/Models	P61510	P6151	P6153
Display Type	Open frame 15" XGA TFT	Metal front bezel (NEMA 4/12) 15" XGA TFT	Metal front bezel (NEMA 4/12) 15" XGA TFT
Max. Colors	16.7M	16.7M	16.2M
Active Area (mm)	304.128 x 228.096	304.128 x 228.096	307.4 x 231.3
Max. Resolution	1024 x 768	1024 x 768	1024 x 768
Display Mode	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz)
Pixel Pitch (mm)	0.297 x 0.297	0.297 x 0.297	0.297 x 0.297
Backlight	LED	LED	LED
Backlight MTBF (hrs)	30,000	30,000	30,000
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°
Response Time	16ms	16ms	16ms
Contrast Ratio	800 (TYP)	800 (TYP)	800 (TYP)
Brightness (cd/m2)	420 nits	420 nits	420 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch
Touchscreen	Resistive type	Resistive type	Resistive type
Power Consumption	15 W	15 W	12 V, 11 W
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	335 x 58.5 x 261.5 mm (13.19" x 2.30" x 10.29")	335 x 58.5 x 261.5 mm (13.19" x 2.30" x 10.29")	400 x 55 x 320 mm (15.75" x 2.16" x 12.6")
Weight (net/gross)	3.08 kg (6.79 lb)/4.58 kg (10.1 lb)	3.08 kg (6.79 lb)/4.58 kg (10.1 lb)	4.8 kg (10.58 lb)/8.2 kg (18.08 lb)
Operating Temperature	0°C ~ +55°C (+32°F ~ +131°F)	0°C ~ +55°C (+32°F ~ +131°F)	0°C ~ +55°C (+32°F ~ +131°F)
Mounting	Open frame mount Wall mount VESA arm	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount Rack mount VESA arm
Certificate	CE	CE	CE



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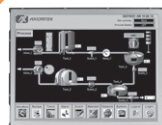
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Features/Models	P61210	P6121	P6122
Display Type	Open frame mount (NEMA 4/12) & IP65 12.1" XGA TFT	Aluminum front bezel (NEMA 4/12) & IP65 12.1" XGA TFT	Metal front bezel (NEMA 4/12) 12.1" SVGA TFT
Max. Colors	16.2M	16.7M	16.2M/262K
Active Area (mm)	245.76 (H) x 184.32 (V)	245.76 (H) x 184.32 (V)	246 x 184.5
Max. Resolution	1024 x 768	1024x768	800 x 600
Display Mode	1024 x 768	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)
Pixel Pitch (mm)	0.240 (H) x 0.240 (V)	0.24 (H) x 0.24 (V)	0.3075 x 0.3075
Backlight	LED	LED	LED
Backlight MTBF (hrs)	30,000	30,000	50,000
Viewing Angle (H/V)	150°/150°	160°/160°	160°/140°
Response Time	16ms	350 nits	35ms
Contrast Ratio	700 (TYP)	350 nits	700 (TYP)
Brightness (cd/m2)	500 nits	350 nits	450 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch
Touchscreen	Resistive type	Resistive type	Resistive type
Power Consumption	15 W	15 W	12 V, 11 W
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	270.5 x 52.9 x 218.3 mm (10.65" x 2.08" x 8.59")	311.81 x 54.95 x 250.31 mm (12.28" x 2.16" x 9.85")	340 x 46.5 x 260 mm (13.5" x 1.8" x 10.2")
Weight (net/gross)	TBD	TBD	3.0 kg (6.61 lb)/ 6.6 kg (14.55 lb)
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	0°C ~ +55°C (+32°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Mounting	Open frame mount Wall mount VESA arm	Panel mount Wall mount VESA mount	Panel mount Wall mount VESA mount
Certificate	CE	CE	CE



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Features/Models	P61010	P6101	P6100
Display Type	Open frame 10.4" XGA TFT	Aluminum front bezel (NEMA 4/12) & IP65 10.4" XGA TFT	Metal front bezel (NEMA 4/12) 10.4" SVGA TFT
Max. Colors	16.7M	16.7M	16.2M/262K
Active Area (mm)	211.2 (H) x 158.4 (V)	211.2 (H) x 158.4 (V)	211.2 x 158.4
Max. Resolution	1024 x 768	1024 x 768	800 x 600
Display Mode	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)
Pixel Pitch (mm)	0.2063 x 0.2063	0.2063 x 0.2063	0.264 x 0.264
Backlight	LED	LED	LED
Backlight MTBF (hrs)	30,000	30,000	30,000
Viewing Angle (H/V)	150°/150°	150°/150°	160°/130°
Response Time	16ms	16ms	35ms
Contrast Ratio	900 (TYP)	900 (TYP)	500 (TYP)
Brightness (cd/m2)	350 nits	350 nits	230 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch
Touchscreen	Resistive type	Resistive type	Resistive type
Power Consumption	TBD	TBD	12 V, 9 W
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	246 x 44.9 x 192.3 mm (9.7" x 1.77" x 7.57")	277.5 x 48 x 233.5 mm (10.93" x 1.89" x 8.8")	294.2 x 46.6 x 231.2 mm (11.58" x 1.83" x 9.1")
Weight (net/gross)	TBD	TBD	2.6 kg (5.73 lb)/5.1 kg (11.24 lb)
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +60°C (+14°F ~ +140°F)
Mounting	Open frame mount Wall mount VESA arm	Panel mount Wall mount VESA arm	Panel mount Wall mount VESA arm
Certificate	CE	CE	CE



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Features/Models	P6103W	P68400
Display Type	Metal front bezel (NEMA 4/12) 10.1" WXGA TFT	Flat front bezel (NEMA 4/12) 8.4" SVGA TFT
Max. Colors	16.7M	16.2M
Active Area (mm)	216.96 x 135.60	170.4 x 127.8
Max. Resolution	1280 x 800	800 x 600
Display Mode	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) WXGA 1280 x 800 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz)
Pixel Pitch (mm)	0.1695 x 0.1695	0.213 x 0.213
Backlight	LED	LED
Backlight MTBF (hrs)	25,000	50,000
Viewing Angle (H/V)	170°/170°	160°/140°
Response Time	25ms	30ms
Contrast Ratio	800 (TYP)	600 (TYP)
Brightness (cd/m2)	350 nits	450 nits
Display Control	OSD	OSD
I/O Connectors	1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input 1 x RS-232 or USB for touchscreen	1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input 1 x RS-232 or USB for touchscreen
Touchscreen	Resistive type	Resistive type
Power Consumption	15 W	9.8 W
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	260.8 x 38 x 194.1 mm (10.27" x 1.5" x 7.64")	227 x 53 x 162 mm (8.94" x 2.09" x 6.78")
Weight (net/gross)	TBD	1.42 kg (3.11 lb)/2.3 kg (5.07 lb)
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	-20°C ~ +55°C (-4°F ~ +131°F)
Mounting	Panel mount Wall mount VESA arm	Open frame mount Wall mount VESA arm
Certificate	CE	CE



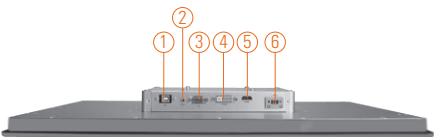
P6217W

NEW

21.5" FHD TFT Widescreen Industrial LCD Monitor

Features

- 21.5" FHD TFT 250 nits with projective capacitive multi-touch
- NEMA 4/12 (IP65) compliant flat panel monitor
- Supports panel mount, wall mount and VESA mount
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, HDMI and DVI with multi-signal inputs



- 1. T/S port
- 2. Audio (Line-in)
- 3. VGA
- 4. DVI-D
- 5. HDMI
- 6. Screw type or Phoenix type power input

Introduction

The P6217W is a slim-type industrial LCD monitor with flat front bezel design, which adopts 21.5-inch 250 nits full HD LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring IP65 (NEMA 4)-rated front bezel, screw-type adaptor plug design, and 12/24V DC-In, the 21.5-inch P6217W is designed to fit for all kinds of industrial environments. Moreover, the P6217W supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, the P6217W can be deployed easily in any space-limited place. It is especially suitable for POI/POS, HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, flat front bezel	
Mounting	Panel mount, wall mount and VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	21.5" FHD TFT LCD
	Max. Resolution	1920 x 1080
	Max. Colors	16.7M
	Active Area (mm)	476.64 x 268.11
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	18 ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	178°/178°
	Contrast Ratio	3000 (TYP.)
	Brightness (cd/m ²)	250 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), WXGA 1366 x 768 (60Hz), FHD 1920 x 1080 (60Hz)	

Specifications

Input Signal	VGA HDMI DVI (only for DVI-D) Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x Audio (Line-in) 1 x VGA input 1 x HDMI 1 x DVI 1 x Screw type or Phoenix type power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	20 W
Touchscreen	Multi-touch projective capacitive (optional)
Dimensions	547.59 mm (21.56") (W) x 339.05 mm (13.34") (D) x 53 mm (2.09") (H)
Packing Dimensions	700 mm (27.56") (W) x 185 mm (7.28") (D) x 510 mm (20.07") (H)
Weight (net/gross)	6.42 kg (14.15 lb)/7.78 kg (17.15 lb)
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Packing List	1x VGA cable 1x RS-232 or USB cable for touchscreen (for touch version) 1x Audio cable 1x EU/US power cord (for AC version)
Certificate	CE

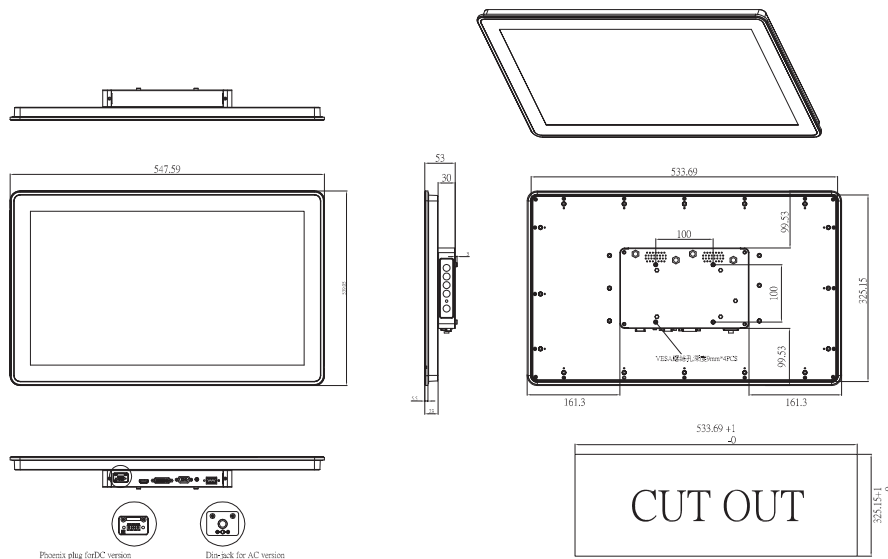
Ordering Information

P6217W		
AC Power	Panel mount monitor	
	Capacitive (USB)	P6217WPC-AC-U-US-EU
	Glass	P6217WPG-AC-US-EU
24VDC Power	Panel mount monitor	
	Capacitive (USB)	P6217WPC-24VDC-U
	Glass	P6217WPG-24VDC

Optional Accessories

5946L203800E	HDMI cable
5946L713400E	DVI cable
82261510190E	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions



P61910

NEW

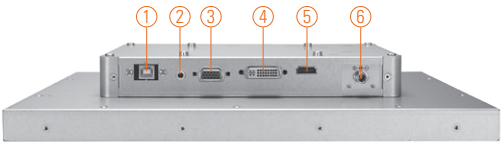
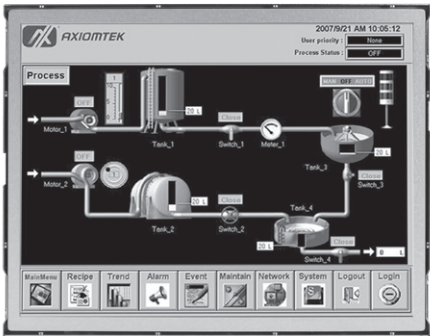
19" SXGA TFT Industrial Open Frame Monitor

Features

- 19" SXGA TFT LED backlight LCD
- Supports open frame mount, wall mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 12 V/24 V DC-in (option)
- VGA, HDMI and DVI-D with multi-signal inputs



▲ Side view



- 1. T/S port
- 2. Line-in
- 3. VGA
- 4. DVI-D
- 5. HDMI
- 6. Power

Introduction

The P61910 is an ultra slim industrial open frame monitor, which adopts 19-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P61910 supports open frame mount, wall mount or VESA FPMPI mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	Open frame monitor	
Mounting	Open frame mount, wall mount and VESA arm	
LCD Panel	Display	19" SXGA TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Active Area (mm)	376.32 x 301.06
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	8ms
	Backlight	LED backlight
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	350 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)	

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	17 W
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	404.5 mm (15.93") (W) x 31.9 mm (1.26") (D) x 332 mm (13.07") (H)
Packing Dimensions	595 mm (23.43") (W) x 230 mm (9.06") (D) x 555 mm (21.85") (H)
Weight (net/gross)	TBD
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Packing List	1x VGA cable 1x RS-232 or USB cable for touchscreen (for touch version) 1x Audio cable 1x EU/US power cord (for AC version)
Certificate	CE

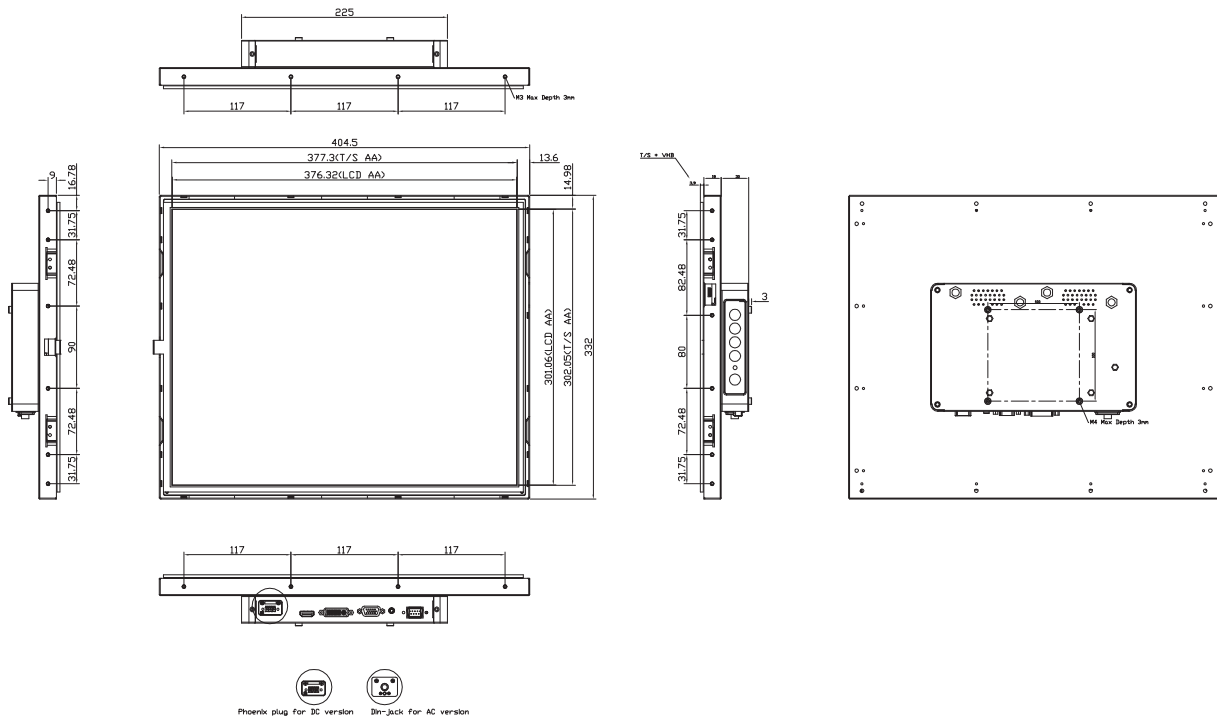
Ordering Information

AC Power	Resistive (RS-232)	P61910R-AC-RS-US-EU
	Resistive (USB)	P61910R-AC-U-US-EU
	Glass	P61910N-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P61910R-DC-RS
	Resistive (USB)	P61910R-DC-U
	Glass	P61910N-DC

Optional Accessories

5946L203800E	HDMI cable
5946L1713400E	DVI cable
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions



P6191 NEW

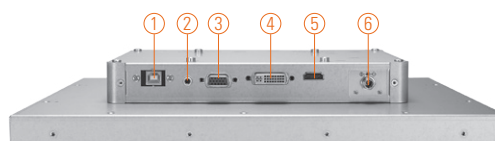
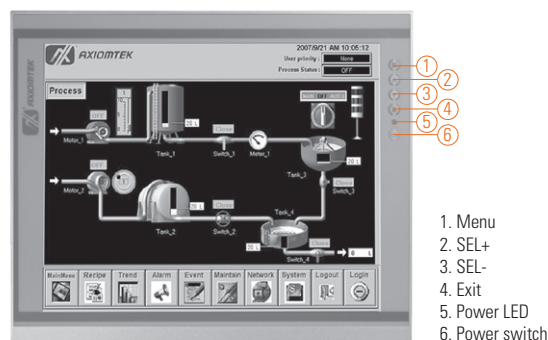
19" SXGA TFT Industrial LCD Monitor

Features

- 19" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- VGA, HDMI and DVI-D with multi-signal inputs



▲ Ultra-slim mechanism design



- | | |
|-------------|----------|
| 1. T/S port | 5. HDMI |
| 2. Line-in | 6. Power |
| 3. VGA | |
| 4. DVI-D | |

Introduction

The P6191 is an ultra slim industrial LCD monitor, which adopts 19-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6191 supports panel mount, wall mount, rack mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	19" SXGA TFT LED
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Active Area (mm)	376.32 x 301.06
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	8ms
	Backlight	LED backlight
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	350 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)	

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	17 W
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	482 mm (18.98") (W) x 55 mm (2.17 ") (D) x 380 mm (14.96") (H)
Packing Dimensions	595 mm (23.43") (W) x 230 mm (9.06") (D) x 555 mm (21.58") (H)
Weight (net/gross)	TBD
Environment	Operating temperature: 0°C ~ +45°C (+32°F ~ +113°F) Relative humidity: 20%-90% @ 40°C, non-condensing
Packing List	1x VGA cable 1x RS-232 or USB cable for touchscreen (for touch version) 1x Audio cable 1x EU/US power cord (for AC version)
Certificate	CE

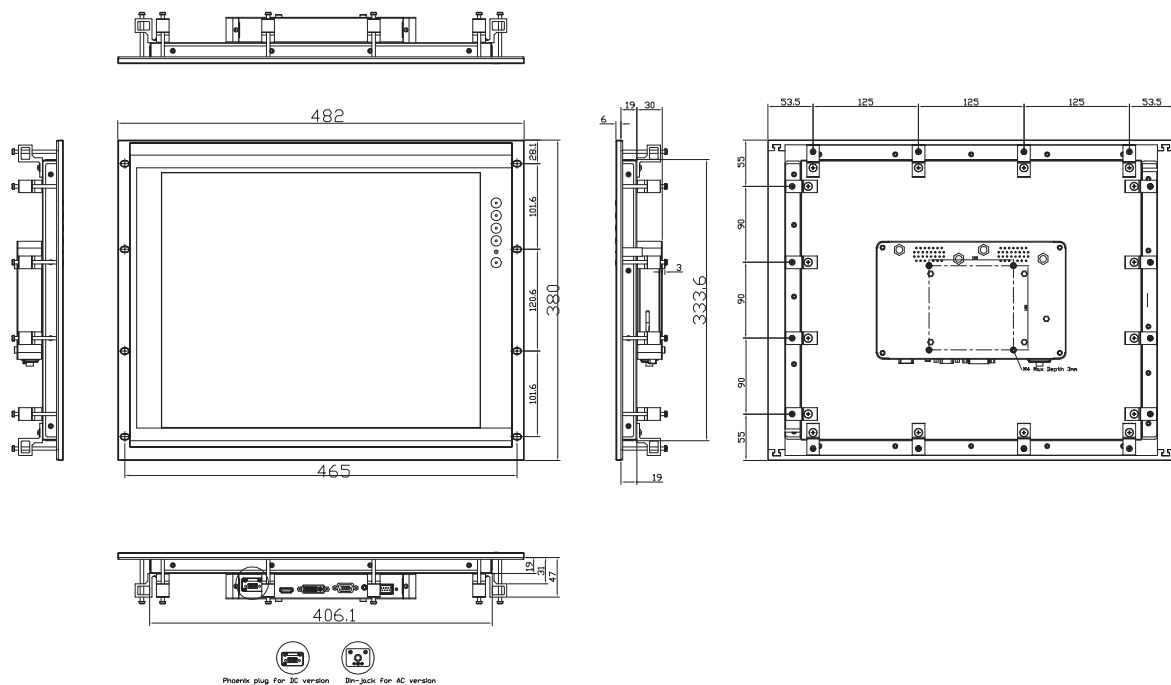
Ordering Information

AC Power	Resistive (RS-232)	P6191PR-AC-RS-US-EU
	Resistive (USB)	P6191PR-AC-U-US-EU
	Glass	P6191PG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6191PR-DC-RS
	Resistive (USB)	P6191PR-DC-U
	Glass	P6191PG-DC

Optional Accessories

5946L203800E	HDMI cable
59461713400E	DVI cable
TBD	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions

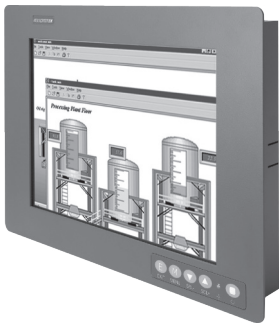


P6192

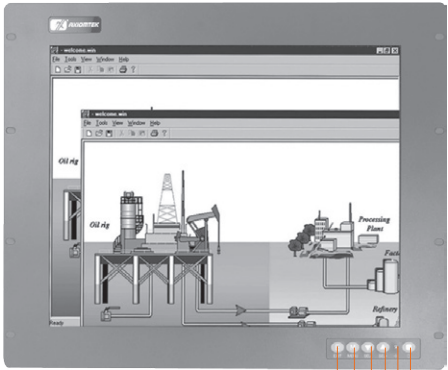
19" SXGA TFT Industrial LCD Monitor

Features

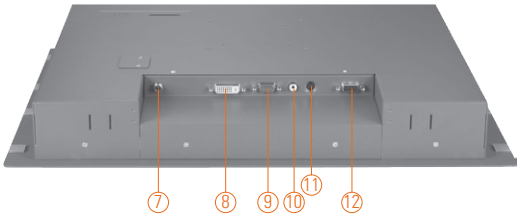
- 19" TFT SXGA LED backlight LCD
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, S-video, Video and DVI-D with multi-signal inputs
- Supports panel mount, wall mount, rack mount and VESA arm



▲ Side view



1. Exit
2. Menu
3. SEL-
4. SEL+
5. Power LED
6. Power switch



7. DC power input
8. DVI (Only for DVI-D)
9. VGA
10. Video
11. S-video
12. T/S port

Introduction

The P6192 is a slim industrial LCD monitor, which adopts 19-inch 350 nits high brightness SXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6192 supports panel mount, wall mount, rack mount or VESA FPMPI mounting (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface). With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, media-display applications and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel
Mounting	Panel mount, wall mount, rack mount and VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)
LCD Panel	Display Type 19" SXGA TFT LCD
	Max. Resolution 1280 x 1024
	Max. Colors 16.7M
	Active Area (mm) 376.32 x 301.06
	Pixel Pitch (mm) 0.294 x 0.294
	Response Time 5 ms
	Backlight LED
	Backlight MTBF 50,000 hrs
	Viewing Angle (H/V) 170°/160°
	Contrast Ratio 1000 (TYP.)
	Brightness (cd/m ²) 350 nits
Display Control	OSD (on screen display)
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)

Specifications

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB Video (optional) S-video (optional)	
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x VGA input 1 x RCA for video (optional) 1 x S-Video for video (optional) 1 x DVI (Only for DVI-D) 1 x Screw type or Phoenix type power input	
Power Adapter	Screw-type external AC/DC power adapter	
Power Consumption	25 W	
Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V@ 100mA
	Touch Life	Resistive: 35million touches
		Controller interface: RS-232 D-Type 9-pin male connector or USB connector
Dimensions	482 mm (18.97") (W) x 59.5 mm (2.34 ") (D) x 399 mm (15.7") (H)	
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)	
Weight (net/gross)	9.46 kg (20.86 lb)/13.5 kg (29.76 lb)	
Environment	Operating temperature: 0°C ~ +55°C (+32°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Certificate	CE	

Ordering Information

P6192 (Inputs include: VGA, DVI, RCA, S-Video)

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6192PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6192PR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6192PG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6192PR-24VDC-RS-V3-RC
	Resistive (USB)	P6192PR-24VDC-U-V3-RC
	Glass	P6192PG-24V-DC-V3-RC

P6192L (Input: VGA and DVI only)

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6192LPR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6192LPR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6192LPG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6192LPR-24V-DC-RS-V3-RC
	Resistive (USB)	P6192LPR-24V-DC-U-V3-RC
	Glass	P6192LPG-24V-DC-V3-RC

* Specification and certifications are based on options and may vary.

Optional Accessories

ARM-VM-101	VESA arm (clamp type)
ARM-VM-105	VESA arm (wall mount type)
Wall mounting & desktop stand	



▲ Stand kit



▲ Various mounting ways Panel/ Wall/ VESA

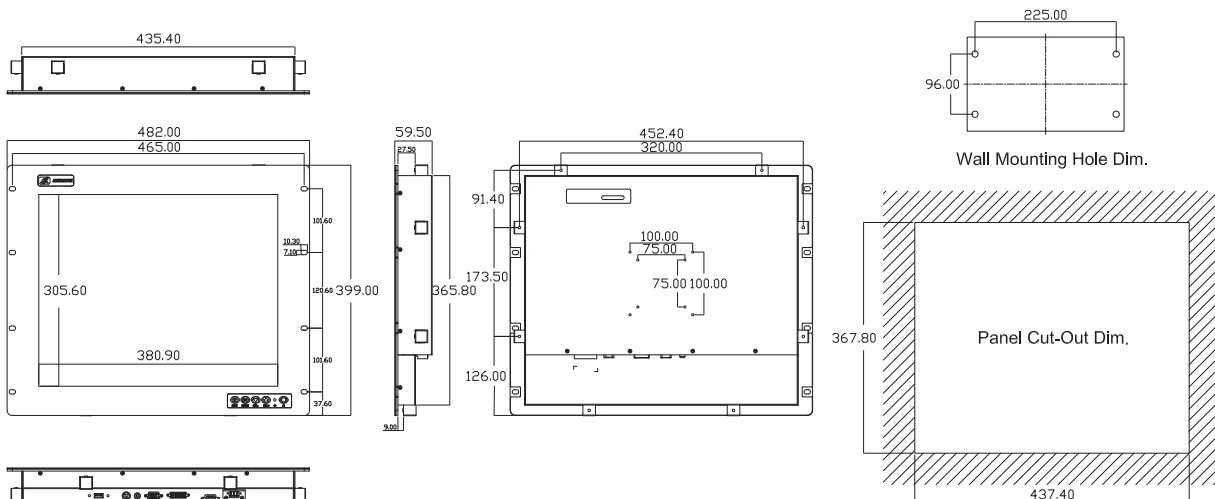


▲ Screw-type power input



▲ Phoenix-type power input

Dimensions

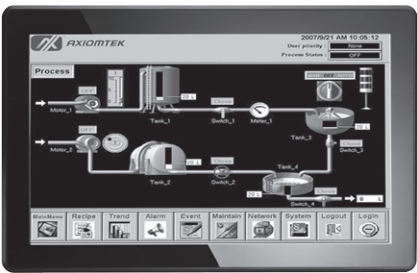


P6187W

18.5" WXGA TFT Widescreen Industrial LCD Monitor

Features

- 18.5" WXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount and VESA mount
- Multi-touch 18.5" projective capacitive
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, S-video, Video and DVI with multi-signal inputs



▲ Modularized design



1. Exit

2. Menu

3. SEL-

4. SEL+

5. Power LED

6. Power switch
7. DC power input

8. T/S port

9. DVI (Only for DVI-D)

10.VGA

11. Video (CVBS)

12. S-video

Introduction

The P6187W is a slim and flat front bezel design industrial LCD monitor, which adopts 18.5-inch 300 nits WXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6187W supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, plat front bezel	
Mounting	Panel mount, wall mount and VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	18.5" WXGA TFT LCD
	Max. Resolution	1366 x 768
	Max. Colors	16.7M
	Active Area (mm)	409.8 x 230.4
	Pixel Pitch (mm)	0.3 x 0.3
	Response Time	5ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m²)	300 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SXGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), WXGA 1366 x 768 (60Hz)	

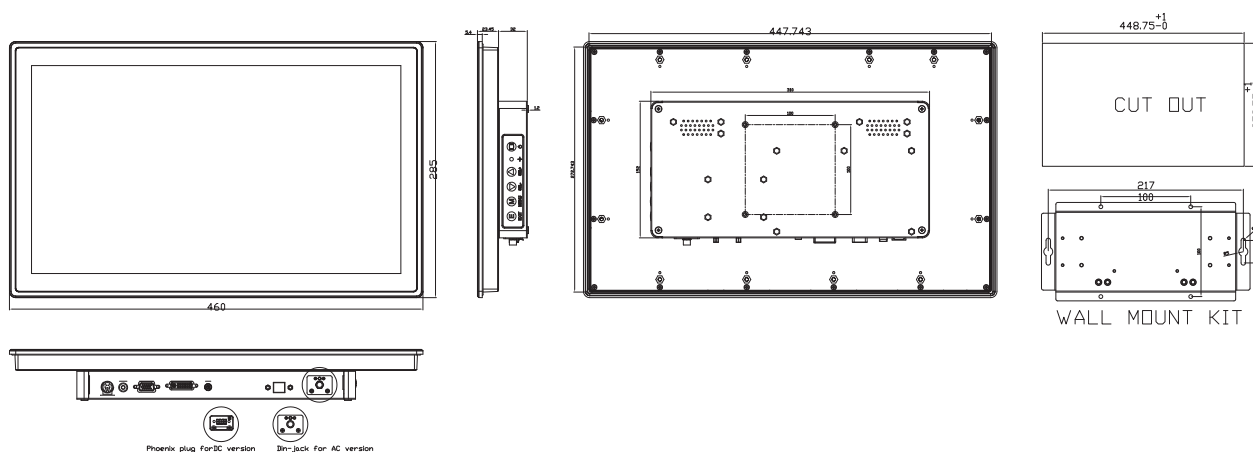
Specifications

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak Video S-video DVI (Oly for DVI-D) Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x VGA input 1 x RCA for video 1 x S-video for video 1 x DVI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	22 W
Touchscreen	Multi-touch 18.5" projective capacitive
Dimensions	460 mm (18.11") (W) x 57 mm (2.44") (D) x 285 mm (11.22") (H)
Packing Dimensions	595 mm (24.43") (W) x 190 mm (7.48") (D) x 490 mm (19.29") (H)
Weight (net/gross)	6.0 kg (12.22 lb)/ 8.0 kg (17.75 lb)
Environment	Operating temperature: 0°C ~ +55°C (+32°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Certificate	CE

Ordering Information

P6187W		
AC Power	Panel Mount Monitor	
	Capacitive (USB)	P6187WPC-AC-U-US-EU
	Glass	P6187WPG-AC-US-EU
24VDC Power	Panel Mount Monitor	
	Capacitive (USB)	P6187WPC-24VDC-U
	Glass	P6187WPG-24VDC

Dimensions



P61710 NEW

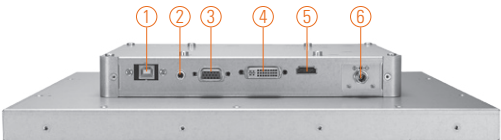
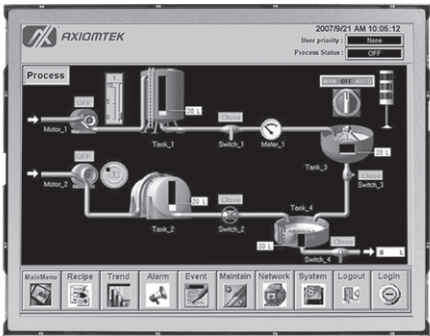
17" SXGA TFT Industrial Open Frame Monitor

Features

- 17" SXGA TFT LED backlight LCD
- Supports open frame mount, wall mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- DVI-D, DisplayPort and HDMI with multi-signal inputs



▲ Side view



- 1. T/S port
- 2. Line-in
- 3. VGA
- 4. DVI-D
- 5. HDMI
- 6. Power

Introduction

The P61710 is an ultra slim industrial open frame monitor, which adopts 17-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P61710 supports open frame mount, wall mount or VESA FPMPI mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	Open frame monitor
Mounting	Open frame mount, wall mount and VESA arm
LCD Panel	Display 17" SXGA TFT LCD
	Max. Resolution 1280 x 1024
	Max. Colors 16.7M
	Active Area (mm) 337.92 x 270.33
	Pixel Pitch (mm) 0.264 x 0.264
	Response Time 5ms
	Backlight LED backlight
	Backlight MTBF 30,000 hrs
	Viewing Angle (H/V) 170°/160°
	Contrast Ratio 1000 (TYP.)
	Brightness (cd/m ²) 350 nits
Display Control	OSD (on screen display)
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	TBD
Packing Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Certificate	CE

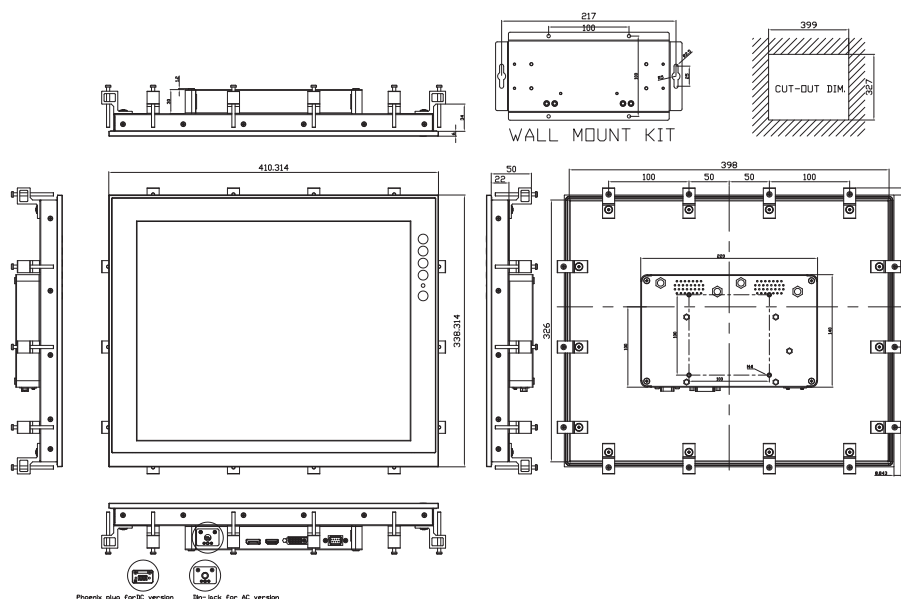
Ordering Information

AC Power	Resistive (RS-232)	P61710R-AC-RS-US-EU
	Resistive (USB)	P61710R-AC-U-US-EU
	Glass	P61710N-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P61710R-DC-RS
	Resistive (USB)	P61710R-DC-U
	Glass	P61710N-DC

Optional Accessories

5946L203800E	HDMI cable
5946L1713400E	DVI cable
82261510190E	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions



P6171

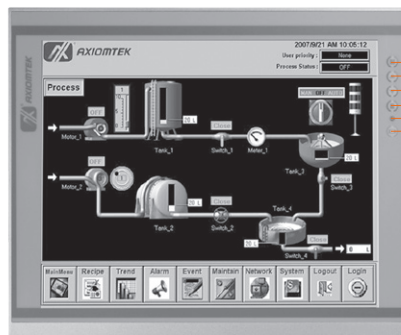
17" SXGA TFT Industrial LCD Monitor

Features

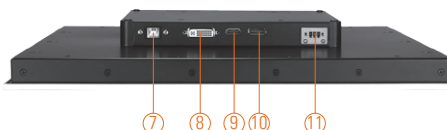
- 17" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- DVI-D, DisplayPort and HDMI with multi-signal inputs



▲ Ultra-slim mechanism design



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



7. RS-232 or USB for Touch
8. DVI-D
9. HDMI
10. DisplayPort
11. Screw type or Phoenix type power input

Introduction

The P6171 is an ultra slim industrial LCD monitor, which adopts 17-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DVI, DisplayPort and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6171 supports panel mount, wall mount, rack mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	17" SXGA TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Active Area (mm)	337.92 x 270.33
	Pixel Pitch (mm)	0.264 x 0.264
	Response Time	5ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	1000 (TYP.)
	Brightness (cd/m ²)	350 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)	

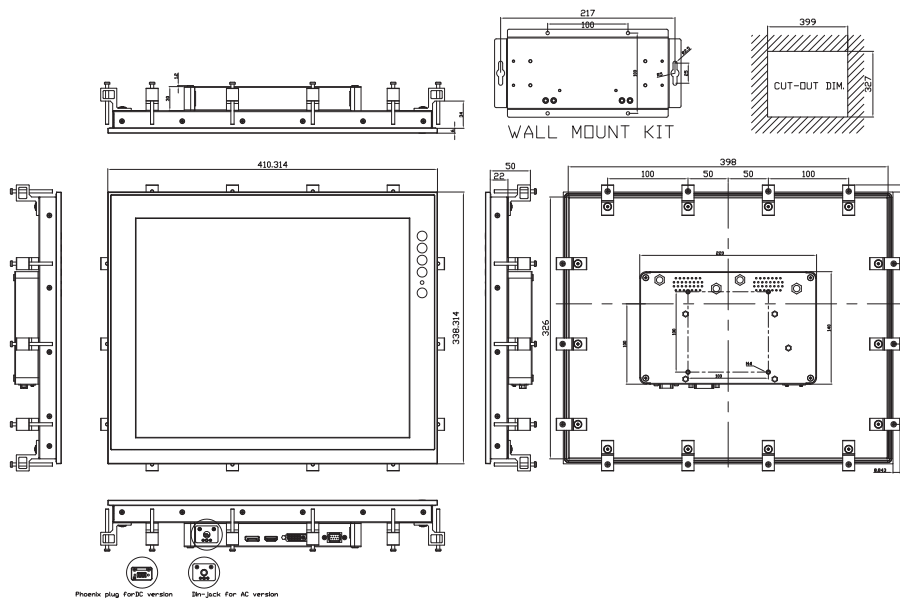
Specifications

Input Signal	DVI-D DisplayPort HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x DisplayPort 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC / DC power adapter
Power Consumption	24 W
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	410.31 mm (16.15") (L) x 28 mm (1.10") (H) x 38.31 mm (1.32") (W)
Packing Dimensions	510 mm (20.08") (L) x 532 mm (20.94") (H) x 186 mm (7.32") (W)
Weight (net/gross)	3.8 kg (8.38 lb)/ 6.56 kg (14.46 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Certificate	CE

Ordering Information

AC Power	Resistive (RS-232)	P6171DPR-AC-RS-US-EU
	Resistive (USB)	P6171DPR-AC-U-US-EU
	Glass	P6171DPG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6171DPR-DC-RS
	Resistive (USB)	P6171DPR-DC-U
	Glass	P6171DPG-DC

Dimensions

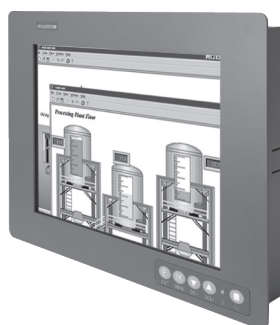


P6173

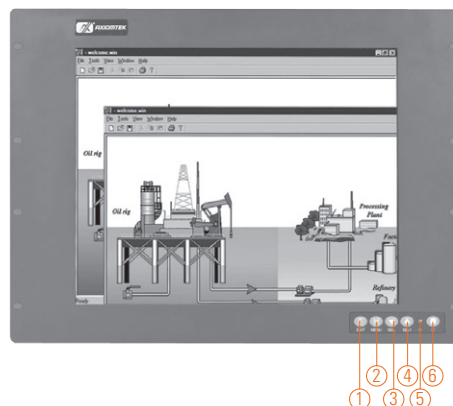
17" SXGA TFT Industrial LCD Monitor

Features

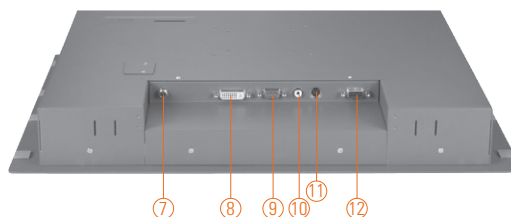
- 17" SXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, S-video, Video and DVI with multi-signal inputs



▲ Side view



1. Exit
2. Menu
3. SEL-
4. SEL+
5. Power LED
6. Power switch



7. DC power input
8. DVI (Only for DVI-D)
9. VGA
10. Video (CVBS)
11. S-video
12. T/S port

Introduction

The P6173 is a slim industrial LCD monitor, which adopts 17-inch 350 nits high brightness SXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6173 supports panel mount, wall mount, rack mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel
Mounting	Panel mount, wall mount, rack mount and VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)
LCD Panel	Display 17" SXGA TFT LCD
	Max. Resolution 1280 x 1024
	Max. Colors 16.7M
	Active Area (mm) 337.92 x 270.33
	Pixel Pitch (mm) 0.264 x 0.264
	Response Time 5 ms
	Backlight LED
	Backlight MTBF 30,000 hrs
	Viewing Angle (H/V) 170°/160°
	Contrast Ratio 1000 (TYP.)
	Brightness (cd/m ²) 350 nits
Display Control	OSD (on screen display)
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)

Specifications

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB Video (optional) S-Video (optional)	
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x VGA input 1 x RCA for video (optional) 1 x S-Video for video (optional) 1 x DVI 1 x Screw-type DC power input	
Power Adapter	Screw-type external AC/DC power adapter	
Power Consumption	23 W	
Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35 million touches Controller interface: RS-232 D-type 9-pin male connector or USB
Dimensions	482 mm (19") (W) x 60 mm (2.36") (D) x 360 mm (14.2") (H)	
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)	
Weight (net/gross)	5.5 kg (12.12 lb)/12.7 kg (28 lb)	
Environment	Operating temperature: 0°C ~ +55°C (+32°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Certificate	CE	

Ordering Information

P6173

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6173PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6173PR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6173PG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6173PR-24VDC-RS-V3-RC
	Resistive (USB)	P6173PR-24VDC-U-V3-RC
	Glass	P6173PG-24VDC-V3-RC

P6173L (Input: VGA and DVI only)

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6173LPR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6173LPR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6173LPG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6173LPR-24V-DC-RS-V3-RC
	Resistive (USB)	P6173LPR-24V-DC-RS-V3-RC
	Glass	P6173LPG-24V-DC-V3-RC

* Specification and certifications are based on options and may vary.

Optional Accessories

ARM-VM-101	VESA arm (clamp type)
ARM-VM-105	VESA arm (wall mount type)
Wall mounting & desktop stand	



▲ Stand kit



▲ Various mounting ways: panel/wall/VESA

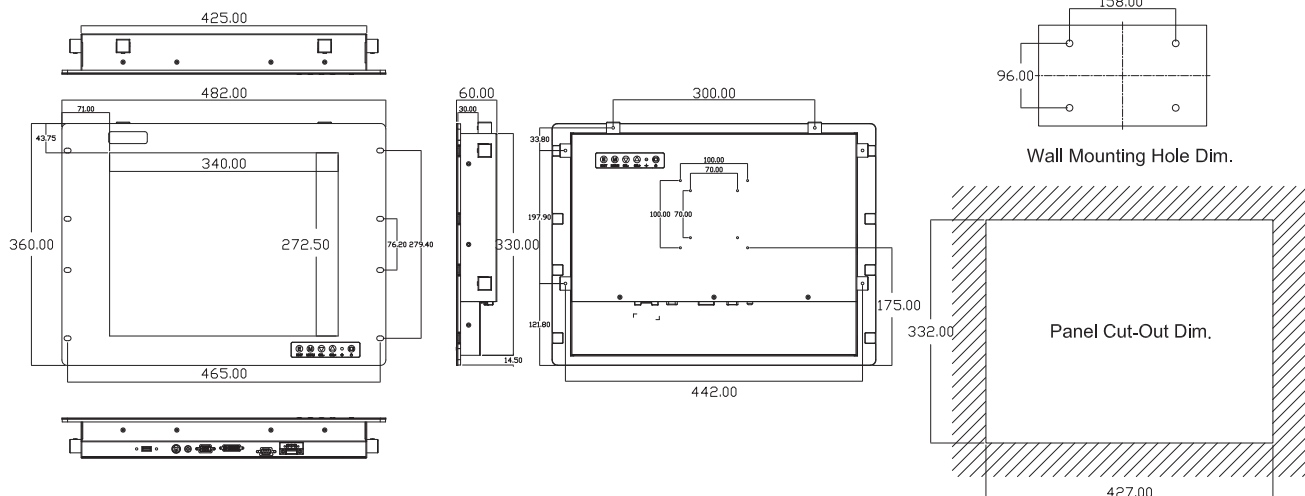


▲ Screw-type power input



▲ Phoenix-type power input

Dimensions



P6157W

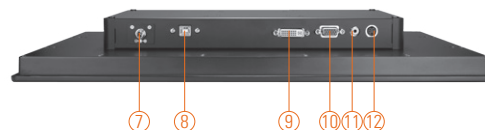
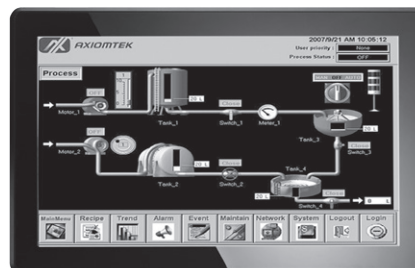
15.6" WXGA TFT Widescreen Industrial LCD Monitor

Features

- 15.6" WXGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Supports panel mount, wall mount, VESA mount
- Multi-touch 15.6" projective capacitive
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, S-video, Video and DVI-D with multi-signal inputs



▲ Modularized design



- | | |
|-----------------|-------------------------|
| 1. Exit | 7. DC power input |
| 2. Menu | 8. T/S port |
| 3. SEL- | 9. DVI (Only for DVI-D) |
| 4. SEL+ | 10. VGA |
| 5. Power LED | 11. Video (CVBS) |
| 6. Power switch | 12. S-video |

Introduction

The P6157W is a slim & compact with flat front bezel design industrial LCD monitor, which adopts 15.6-inch 300 nits WXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6157W supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount and VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	15.6" WXGA TFT LCD
	Max. Resolution	1366 x 768
	Max. Colors	16.7M
	Active Area (mm)	344.232 x 193.536
	Pixel Pitch (mm)	0.252 x 0.252
	Response Time	8ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	170°/160°
	Contrast Ratio	500 (TYP.)
	Brightness (cd/m ²)	300 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SXGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz) WXGA 1366 x 768 (60Hz)	

Specifications

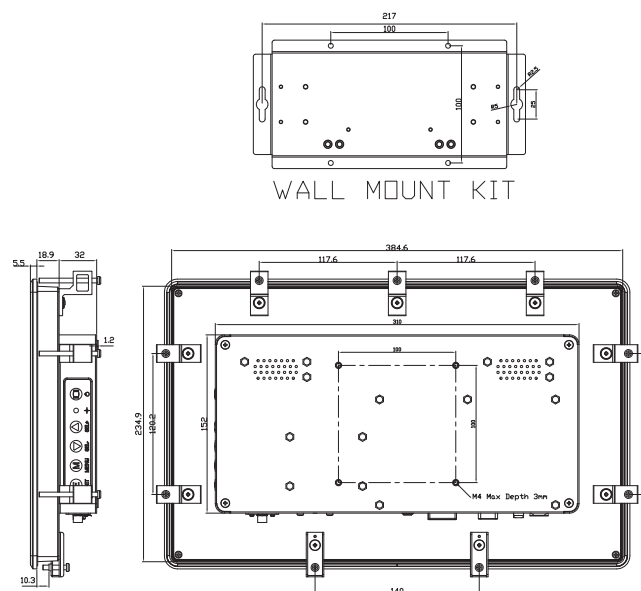
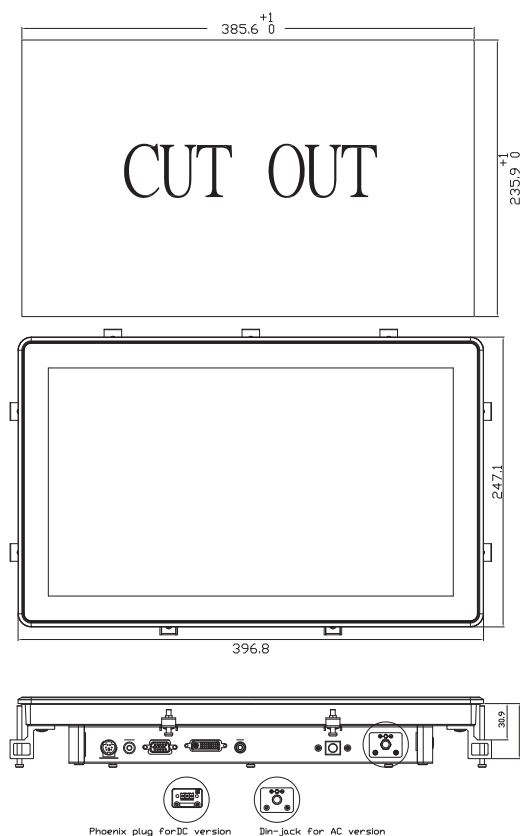
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak Video S-video DVI (Only for DVI-D) Touchscreen: USB interface	
I/O Connectors	1 x USB for touchscreen version 1 x VGA input 1 x RCA for video 1 x S-video for video 1 x DVI 1 x Screw-type DC power input	
Power Adapter	Screw-type external AC/DC power adapter	
Power Consumption	19 W	
Touchscreen	Thickness	Resistive: 2.4 mm
	Multi-touch	Type: 15.6" projective capacitive
Dimensions	396.8 mm (15.62") (W) x 57.7 mm (2.68") (D) x 247.1 mm (9.73") (H)	
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)	
Weight (net/gross)	4.48 kg (9.87 lb)/7.88 kg (17.36 lb)	
Environment	Operating temperature: 0°C ~ +55°C (+32°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Certificate	CE	

Ordering Information

P6157W

AC Power	Panel Mount Monitor	
	Capacitive (USB)	P6157WPC-AC-U-US-EU
	Glass	P6157WPG-AC-US-EU
24VDC Power	Panel Mount Monitor	
	Capacitive (USB)	P6157WPC-24VDC-U
	Glass	P6157WPG-24VDC

Dimensions



P6151O

NEW

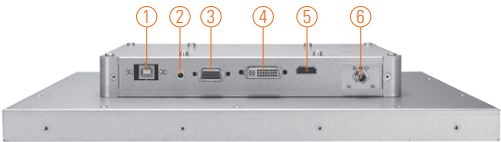
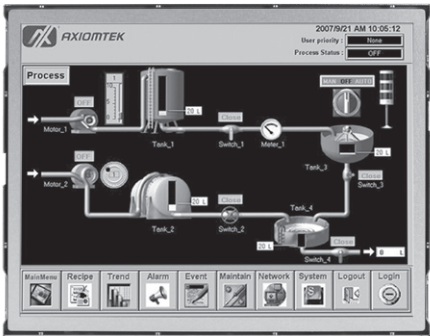
15" XGA TFT Industrial Open Frame Monitor

Features

- 15" XGA TFT LED backlight LCD
- Resistive touchscreen with 420 nits high brightness
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- HDMI, DIV-D and VGA with multi-signal inputs
- Built-in speakers



▲ Side view



- 1. T/S port
- 2. Line-in
- 3. VGA
- 4. DVI-D
- 5. HDMI
- 6. Power

Introduction

The P6151O is an ultra slim industrial open frame monitor, which adopts 15-inch 420 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	Open frame monitor
Mounting	Open frame mount, wall mount and VESA arm
LCD Panel	Display15" XGA TFT LCD
	Max. Resolution1024 x 768
	Max. Colors16.7M
	Active Area (mm)304.128 x 228.096
	Pixel Pitch (mm)0.297 x 0.297
	Response Time16ms
	BacklightLED backlight
	Backlight MTBF30,000 hrs
	Viewing Angle (H/V)160°/160°
	Contrast Ratio800 (TYP.)
	Brightness (cd/m ²)420 nits
Display Control	OSD (on screen display)
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)
Input Signal	DVI-D
	VGA
	HDMI
	Touchscreen: Serial RS-232 or USB interface

Specifications

I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input	
Power Adapter	Screw-type external AC / DC power adapter	
Power Consumption	15 W	
Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	335 mm (13.19") (W) x 58.5 mm (2.30") (D) x 261.5 mm (10.29") (H)	
Packing Dimensions	377.9 mm (14.88") (W) x 58 mm (2.28") (D) x 309.3 mm (12.18") (H)	
Weight (net/gross)	3.08 kg (6.79 lb)/4.58 kg (10.1 lb)	
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)	
Certificate	CE	

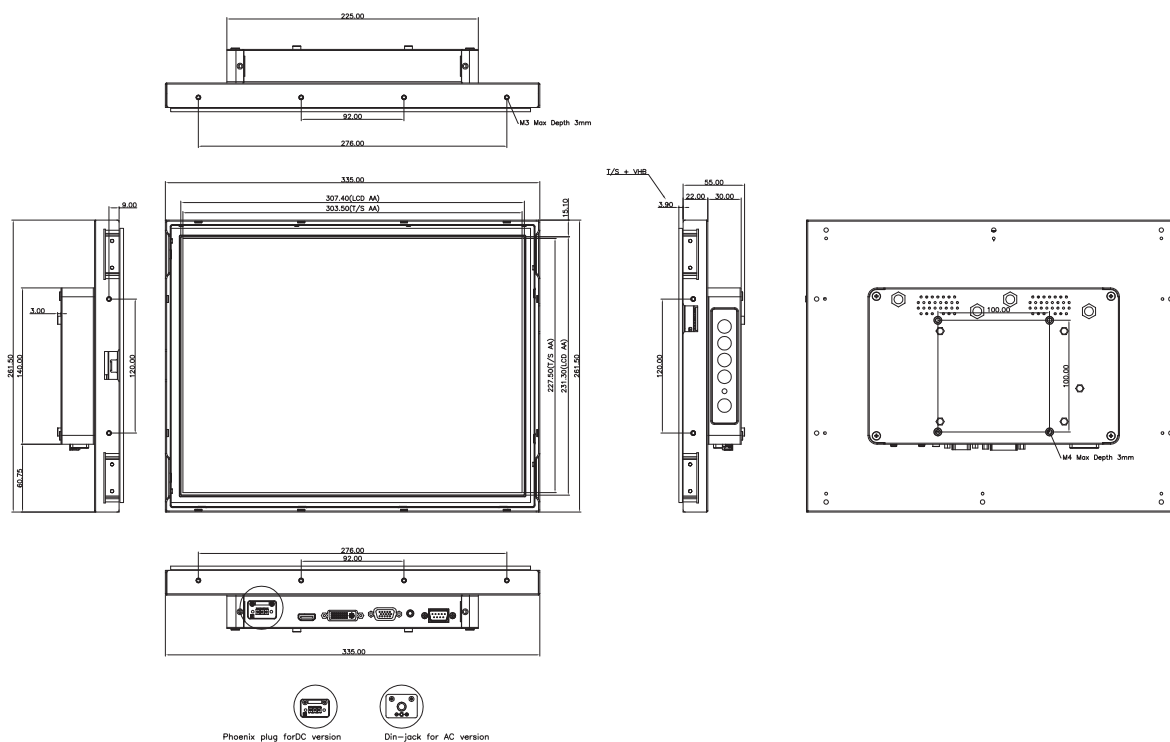
Ordering Information

AC Power	Resistive (RS-232)	P61510R-AC-RS-US-EU
	Resistive (USB)	P61510R-AC-U-US-EU
	Glass	P61510N-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P61510R-DC-RS
	Resistive (USB)	P61510R-DC-U
	Glass	P61510N-DC

Optional Accessories

5946L203800E	HDMI cable
59461713400E	DVI cable
82231770050E	Wall mount kit
E2261711106	Desktop stand

Dimensions



P6151 NEW

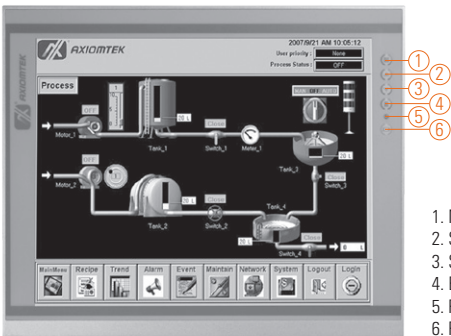
15" XGA TFT Industrial LCD Monitor with Digital IO

Features

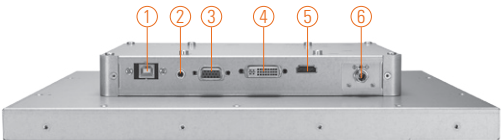
- 15" XGA TFT LED backlight LCD
- Resistive touchscreen with 420 nit high brightness
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- HDMI, DVI-D and VGA with multi-signal inputs
- Built-in speakers



▲ Modularized design



1. Menu
2. SEL+
3. SEL-
4. Exit
5. Power LED
6. Power switch



1. T/S port
2. Line-in
3. VGA
4. DVI-D
5. HDMI
6. Power

Introduction

The P6151 is an ultra slim industrial LCD monitor, which adopts 15-inch 420 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	15" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	304.128 x 228.096
	Pixel Pitch (mm)	0.297 x 0.297
	Response Time	16ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/160°
	Contrast Ratio	800 (TYP.)
	Brightness (cd/m ²)	420 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)	
Input Signal	DVI-D	
	VGA	
	HDMI	
	Touchscreen: Serial RS-232 or USB interface	

Specifications

I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	15 W
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35 million touches Controller interface: RS-232 D-type 9-pin male connector or USB
Dimensions	335 mm (13.19") (W) x 58.5 mm (2.30") (D) x 261.5 mm (10.29") (H)
Packing Dimensions	490 mm (19.30") (W) x 166 mm (6.54") (D) x 502 mm (19.76") (H)
Weight (net/gross)	3.08 kg (6.79 lb)/ 4.58 kg (10.1 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)
Certificate	CE

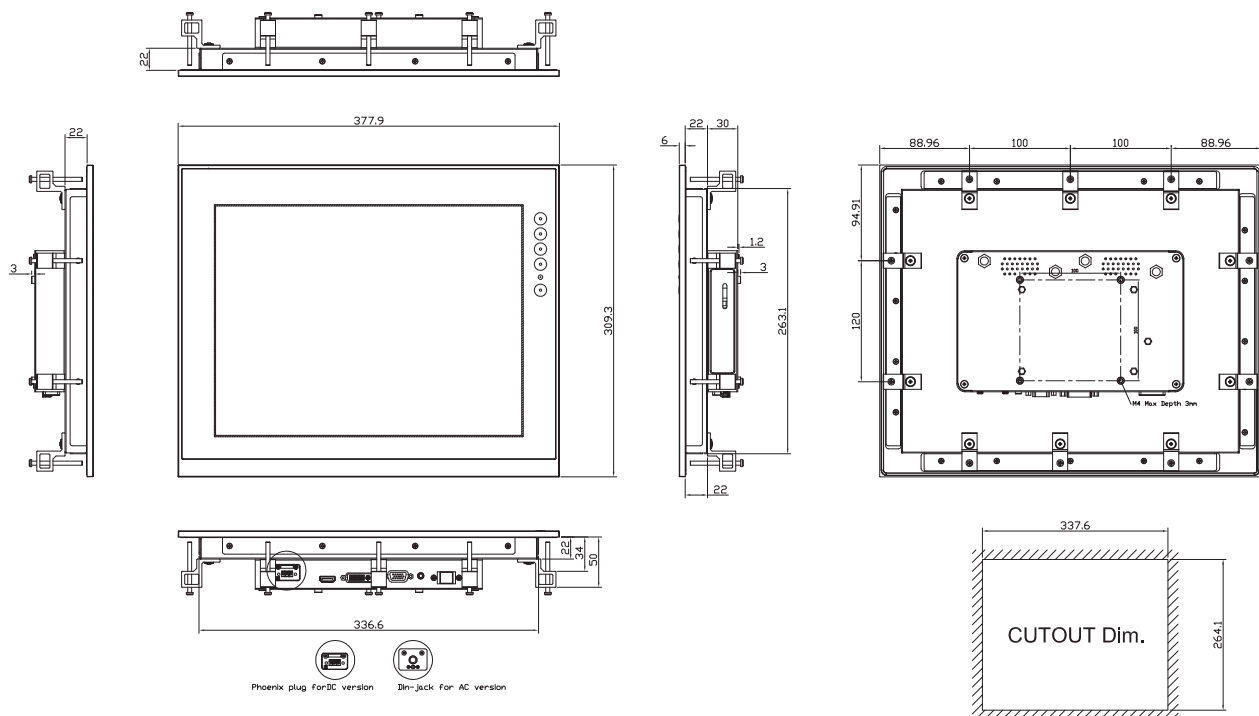
Ordering Information

AC Power	Resistive (RS-232)	P6151PR-AC-RS-US-EU
	Resistive (USB)	P6151PR-AC-U-US-EU
	Glass	P6151PG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6151PR-DC-RS
	Resistive (USB)	P6151PR-DC-U
	Glass	P6151PG-DC

Optional Accessories

5946L203800E	HDMI cable
5946L713400E	DVI cable
82261510190E	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions

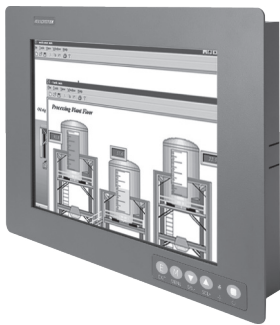


P6153

15" XGA TFT Industrial LCD Monitor

Features

- 15" XGA TFT LED backlight LCD
- Resistive touchscreen with 420 nit high brightness
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, S-video, Video and DVI with multi-signal inputs
- Supports panel mount, wall mount, rack mount and VESA arm



▲ Side view



- 1. Exit
- 2. Menu
- 3. SEL-
- 4. SEL+
- 5. Power LED
- 6. Power switch

- 7. T/S port
- 8. DC power input
- 9. DVI (Only for DVI-D)
- 10. VGA
- 11. Video (CVBS)
- 12. S-video

Introduction

The P6153 is a slim & compact industrial LCD monitor equipped 15-inch 420 nits brightness XGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6153 supports panel mount, wall mount, rack mount or VESA FPM PMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. The P6153 is especially suitable for POI/POS, excellent HMI, media-display applications and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPM PMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display Type	15" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2M
	Active Area (mm)	304.128 x 228.096
	Pixel Pitch (mm)	0.297 x 0.297
	Response Time	16 ms
	Backlight	LED
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/160°
	Contrast Ratio	800 (TYP.)
	Brightness (cd/m ²)	420 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350/ VGA 640 x 480/ VGA 720 x 400/ SVGA 800 x 600/ XGA 1024 x 768	

Specifications

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB Interface Video (optional) S-Video (optional)	
I/O Connectors	1 x RS-232 for touchscreen version 1 x VGA input 1 x DVI-D 1 x Screw-type DC power input 1 x RCA for video (optional) 1 x S-Video for video (optional)	
Power Adapter	Screw-type external AC/DC power adapter	
Power Consumption	11 W	
Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches
	Controller interface	RS-232 D-type 9-pin male connector or USB connector
Dimensions	400 mm (15.75") (W) x 55 mm (2.16") (D) x 320 mm (12.6") (H)	
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)	
Weight (net/gross)	4.8 kg (10.58 lb)/8.2 kg (18.08 lb)	
Environment	Operating temperature: -20°C ~ +60°C (-4°F ~ +40°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Certificate	CE	

Ordering Information

P6153

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6153PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6153PR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6153PG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6153PR-24V-DC-RS-V3-RC
	Resistive (USB)	P6153PR-24VDC-U-V3-RC
	Glass	P6153PG-24VDC-V3-RC

P6153L (Input: VGA and DVI only)

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6153LPR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6153LPR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6153LPG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6153LPR-24V-DC-RS-V3-RC
	Resistive (USB)	P6153LPR-24V-DC-U-V3-RC
	Glass	P6153LPG-24V-DC-V3-RC

* Specification and certifications are based on options and may vary.

Optional Accessories

ARM-VM-101	VESA arm (clamp type)
ARM-VM-105	VESA arm (wall mount type)
Wall mounting & desktop stand	
Rack-mount kit	



▲ Stand kit

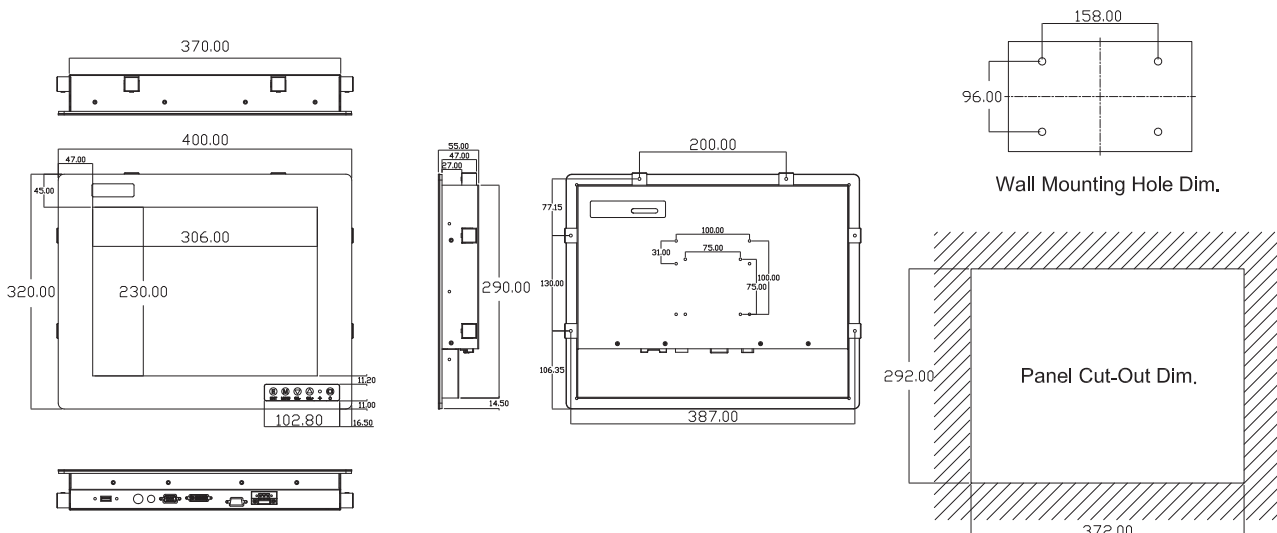


▲ Screw-type power input



▲ Phoenix-type power input

Dimensions



P61210 NEW

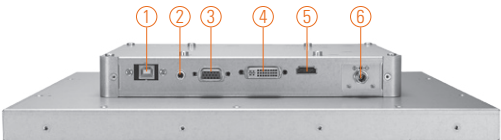
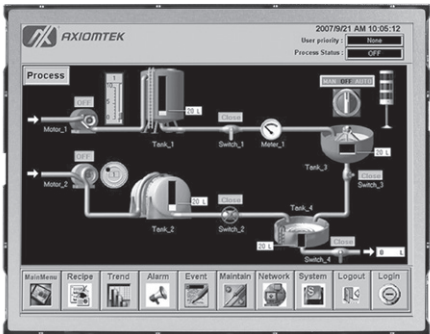
12.1" XGA TFT Industrial Open Frame Monitor

Features

- 12.1" XGA TFT LED backlight LCD
- Supports open frame mount, wall mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- HDMI, DIV-D and VGA with multi-signal inputs



▲ Side view



1. T/S port

2. Line-in

3. VGA

4. DVI-D
5. HDMI

6. Power

Introduction

The P61210 is an ultra slim industrial open frame monitor, which adopts 12.1-inch 500 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. 24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P61210 supports open frame, wall mount or VESA FPMPI mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	Open frame monitor
Mounting	Open frame mount, wall mount and VESA arm
LCD Panel	Display12" XGA TFT LCD
	Max. Resolution1024 x 768
	Max. Colors16.7M
	Active Area (mm)245.76 x 184.32
	Pixel Pitch (mm)0.24 x 0.24
	Response Time16ms
	BacklightLED backlight
	Backlight MTBF30,000 hrs
	Viewing Angle (H/V)160°/140°
	Contrast Ratio700 (TYP.)
	Brightness (cd/m ²)500 nits
Display Control	OSD (on screen display)
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface	
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input	
Power Adapter	Screw-type external AC / DC power adapter	
Power Consumption	15 W	
Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	270.5 mm (10.56") (W) x 52.9 mm (2.08") (H) x 218.3 mm (8.59") (D)	
Packing Dimensions	490 mm (19.29") (W) x 166 mm (6.54") (19.29") (H) x 502 mm (19.76") (D)	
Weight (net/gross)	TBD	
Environment	Operating temperature: 0°C ~ +55°C (+32°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)	
Certificate	CE	

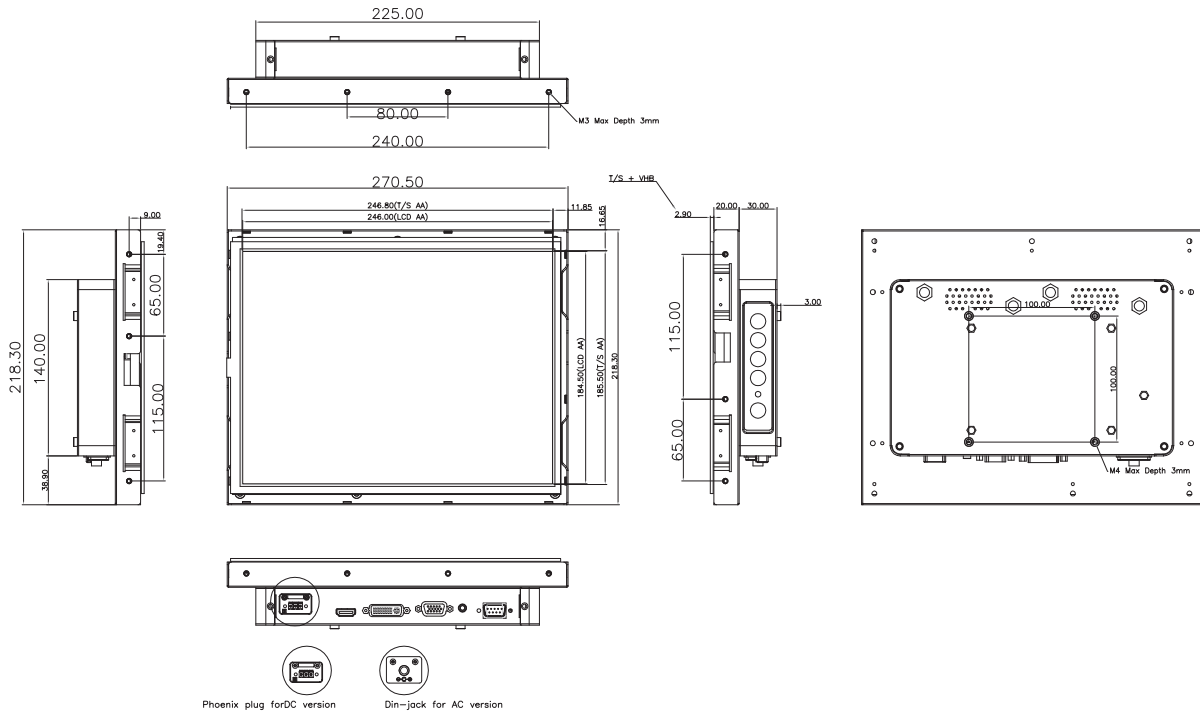
Ordering Information

AC Power	Resistive (RS-232)	P61210R-AC-RS-US-EU
	Resistive (USB)	P61210R-AC-U-US-EU
	Glass	P61210N-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P61210R-24VDC-RS
	Resistive (USB)	P61210R-24VDC-U
	Glass	P61210N-24VDC

Optional Accessories

5946L203800E	HDMI cable
59461713400E	DVI cable
82261510190E	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions



P6121

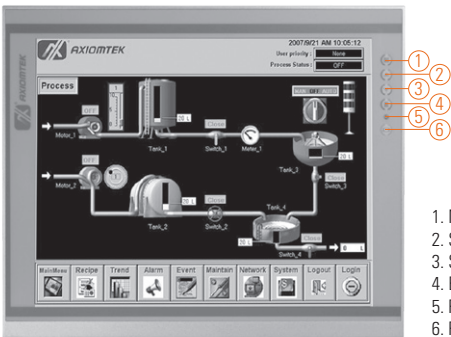
12.1" XGA TFT Industrial LCD Monitor

Features

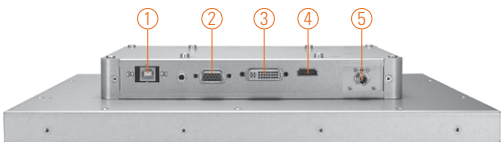
- 12.1" XGA TFT LED backlight LCD
- NEMA 4/12 (IP65)-compliant flat panel monitor
- Supports panel mount, wall mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- HDMI, DIV-D and VGA with multi-signal inputs



▲ Ultra-slim mechanism design



- 1. Menu
- 2. SEL+
- 3. SEL-
- 4. Exit
- 5. Power LED
- 6. Power switch



- 1. T/S port
- 2. VGA
- 3. DVI-D
- 4. HDMI
- 5. Power

Introduction

The P6121 is an ultra slim industrial LCD monitor, which adopts 12.1-inch 500 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65-rated compliant front bezel, screw-type adaptor plug design, and 24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6121 supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	12" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	245.76 x 184.32
	Pixel Pitch (mm)	0.24 x 0.24
	Response Time	16ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/140°
	Contrast Ratio	700 (TYP.)
	Brightness (cd/m ²)	500 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)	

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC / DC power adapter
Power Consumption	15 W
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	311.81 mm (12.28") (W) x 54.95 mm (2.16") (H) x 250.31 mm (9.85") (D)
Packing Dimensions	490 mm (19.29") (W) x 166 mm (6.53") (19.29") (H) x 502 mm (19.76") (D)
Weight (net/gross)	TBD
Environment	Operating temperature: 0°C ~ +55°C (+32°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)
Certificate	CE

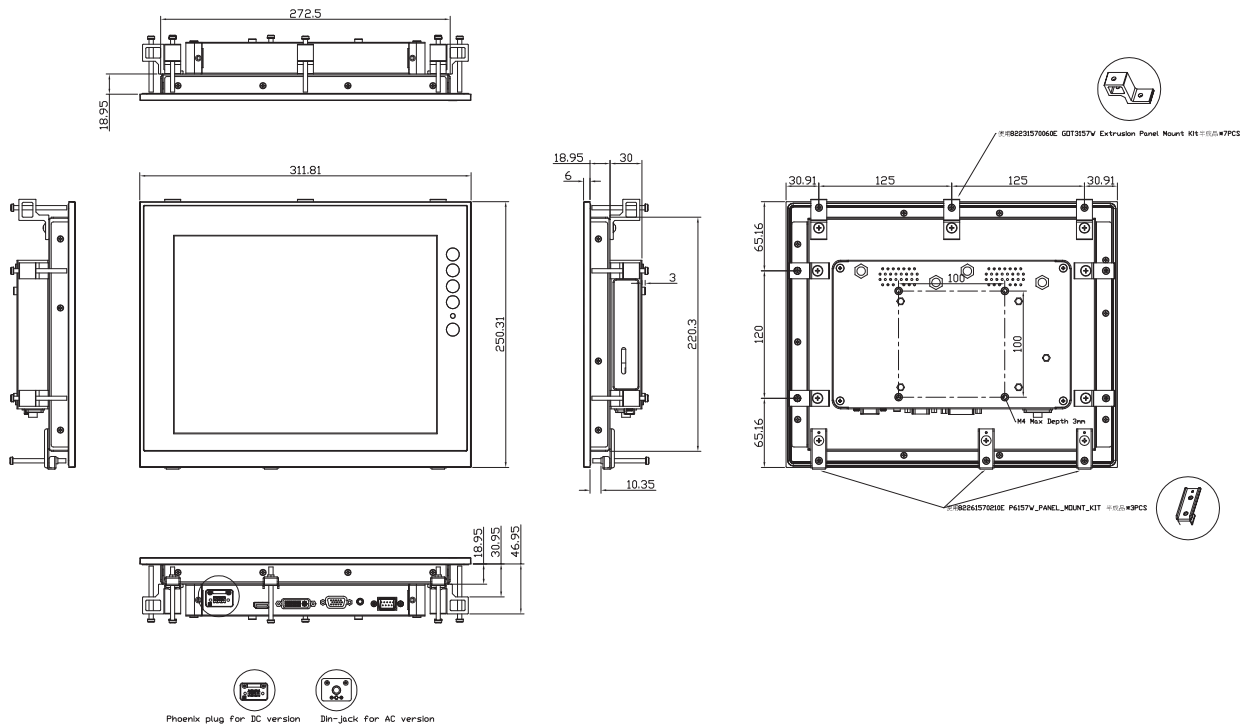
Ordering Information

AC Power	Resistive (RS-232)	P6121PR-AC-RS-US-EU
	Resistive (USB)	P6121PR-AC-U-US-EU
	Glass	P6121PG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6121PR-24VDC-RS
	Resistive (USB)	P6121PR-24VDC-U
	Glass	P6121PG-24VDC

Optional Accessories

5946L203800E	HDMI cable
5946L1713400E	DVI cable
8226121000E	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions

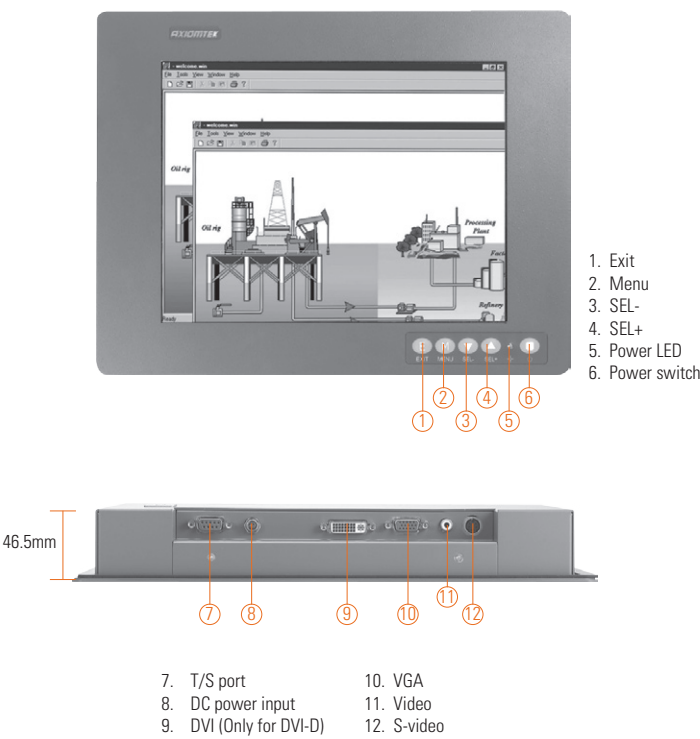
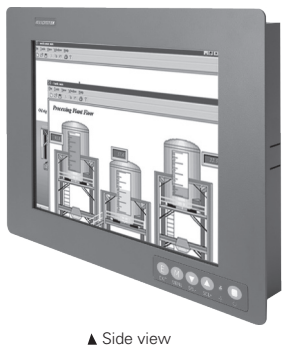


P6122

12.1" SVGA TFT Industrial LCD Monitor

Features

- 12.1" SVGA TFT LED backlight LCD
- Resistive touchscreen with 450 nit high brightness
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Full range screw-type (locked) AC-in or 24V DC-in (option)
- VGA, S-video, Video and DVI-D with multi-signal inputs
- Supports panel mount, wall mount and VESA arm



Introduction

The P6122 is a slim & compact industrial LCD monitor equipped 12.1-inch 450 nits high brightness SVGA LCD display and supports multi-signal interfaces including DVI-D, VGA, S-video, and Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6122 supports panel mount, wall mount or VESA FPM PMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. In order to provide more flexible configurations, the open frame option is available as well. The P6122 is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPM PMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display Type	12.1" SVGA TFT LCD
	Max. Resolution	800 x 600
	Max. Colors	16.2M/262k
	Active Area (mm)	246 x 184.5
	Pixel Pitch (mm)	0.3075 x 0.3075
	Response Time	35ms
	Backlight	LED
	Backlight MTBF	50,000 hrs
	Viewing Angle (H/V)	160°/140°
	Contrast Ratio	700 (TYP.)
Display Control	Brightness (cd/m ²)	450 nits
	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60/72Hz)	
	SVGA 800 x 600 (60/72Hz)	

Specifications

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB Interface Video (optional) S-video (optional)		
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x VGA input 1 x DVI-D 1 x Screw-type DC power input 1 x RCA for video (optional) 1 x S-Video for video (optional)		
Power Adapter	Screw-type external AC / DC power adapter		
Power Consumption	11 W		
Touchscreen	Thickness	Resistive: 2.2 mm	
	Light Transmission	Resistive: 80%	
	Power Consumption	Resistive: +5V @ 100mA	
	Touch Life	Resistive: 35million touches	
	Controller interface	RS-232 or USB D-type 9-pin male connector or USB connector	
Dimensions	340 mm (13.3") (W) x 46.5 mm (1.8) (D) x 260 mm (10.2") (H)		
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)		
Weight (net/gross)	3.0 kg (6.61 lb)/6.6 kg (14.55 lb)		
Environment	Operating temperature: -10°C ~ +55°C (+14°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing		
Certificate	CE		

Ordering Information

P6122

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6122PR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6122PG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6122PR-24VDC-RS-V3-RC
	Resistive (USB)	P6122PR-24VDC-U-V3-RC
	Glass	P6122PG-24VDC-V3-RC

P6122L

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6122LPR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6122LPR-AC-U-V3-RC-US-EU
24VDC Power	Glass	P6122LPG-AC-V3-RC-US-EU
	Panel Mount Monitor	
	Resistive (RS-232)	P6122LPR-24V-DC-RS-V3-RC
	Resistive (USB)	P6122LPR-24V-DC-U-V3-RC
	Glass	P6122LPG-24V-DC-V3-RC

* Specification and certifications are based on options and may vary.

Optional Accessories

ARM-VM-101	VESA arm (clamp type)
ARM-VM-105	VESA arm (wall mount type)
Wall mounting & desktop stand	



▲ Stand kit



▲ Various mounting ways:
panel/ wall/ VESA

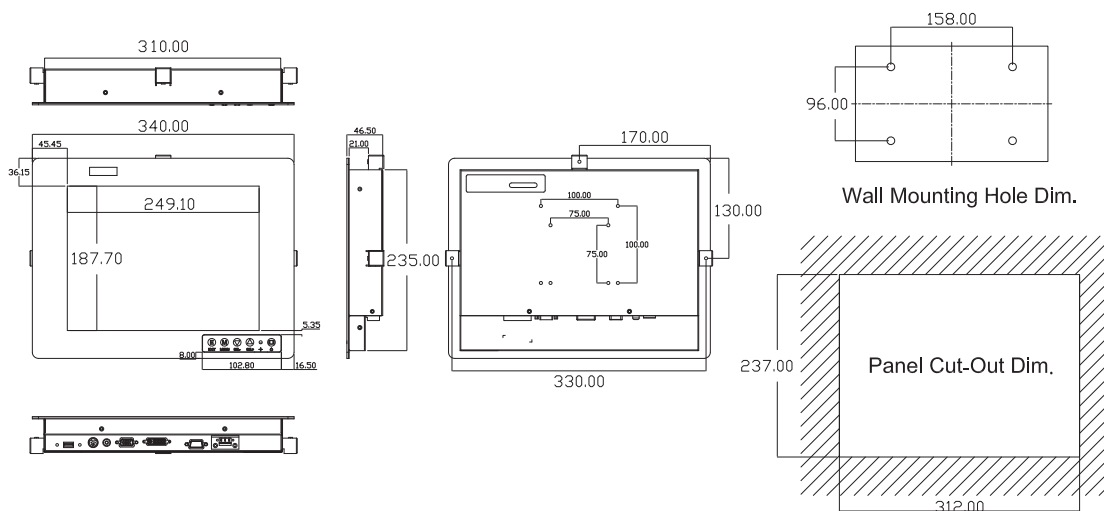


▲ Screw-type power input



▲ Phoenix-type power input

Dimensions



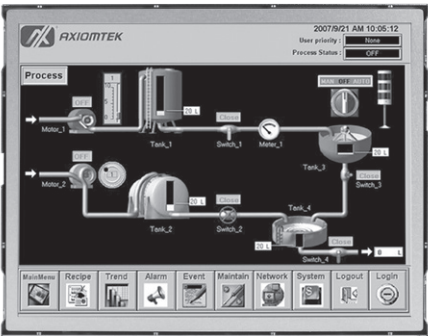
P61010

NEW

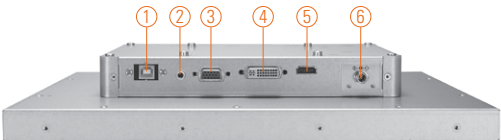
10.4" XGA TFT Industrial Open Frame Monitor

Features

- 10.4" XGA TFT LED backlight LCD
- Supports open frame mount, wall mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- DVI-D, VGA and HDMI with multi-signal inputs



▲ Ultra-slim mechanism design



- 1. T/S port
- 2. Line-in
- 3. VGA
- 4. DVI-D
- 5. HDMI
- 6. Power

Introduction

The P61010 is an ultra slim industrial open frame monitor, which adopts 10.4-inch 350 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6101 supports open frame mount, wall mount, rack mount or VESA FPMPI mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	Open frame monitor
Mounting	Open frame mount, wall mount and VESA arm
LCD Panel	Display 10.4" XGA TFT LCD
	Max. Resolution 1024 x 768
	Max. Colors 16.7M
	Active Area (mm) 211.2 x 158.4
	Pixel Pitch (mm) 0.2063 x 0.2063
	Response Time 16ms
	Backlight LED backlight
	Backlight MTBF 30,000 hrs
	Viewing Angle (H/V) 160°/160°
	Contrast Ratio 900 (TYP.)
	Brightness (cd/m ²) 350 nits
Display Control	OSD (on screen display)
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	TBD
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	246.3 mm (9.7") (W) x 44.9 mm (1.77") (D) x 192.3 mm (7.57") (H)
Packing Dimensions	362 mm (14.25") (W) x 165 mm (6.5") (D) x 397 mm (15.63") (H)
Weight (net/gross)	TBD
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)
Certificate	CE

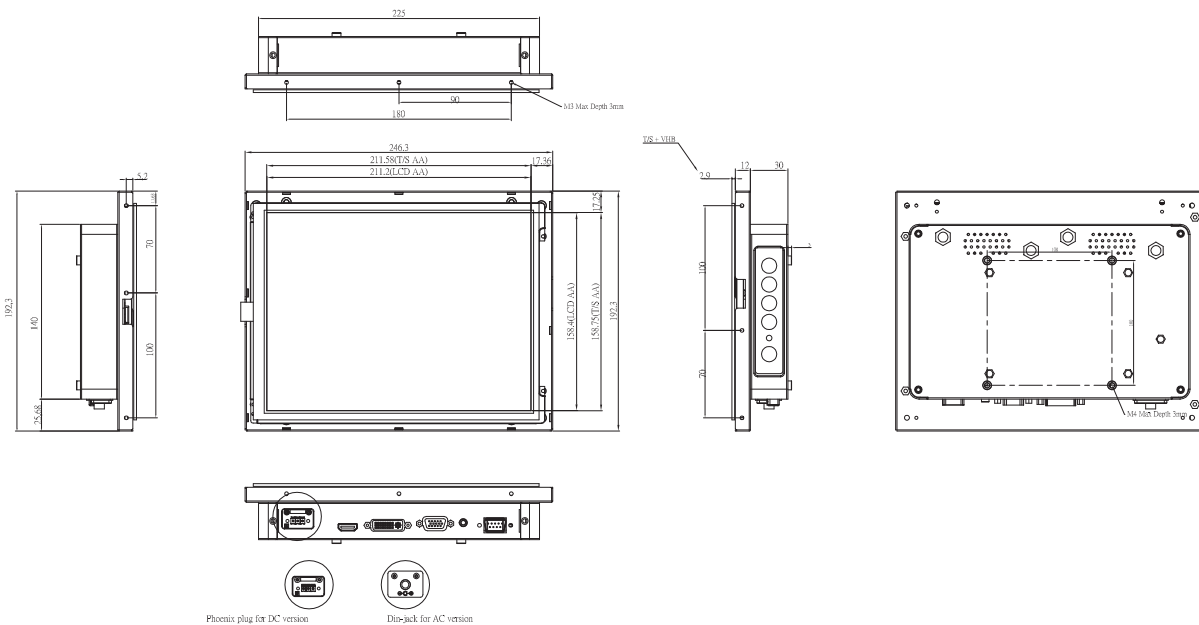
Ordering Information

AC Power	Resistive (RS-232)	P61010R-AC-RS-US-EU
	Resistive (USB)	P61010R-AC-U-US-EU
	Glass	P61010N-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P61010R-DC-RS
	Resistive (USB)	P61010R-DC-U
	Glass	P61010N-DC

Optional Accessories

5946L203800E	HDMI cable
5946L1713400E	DVI cable
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions



P6101 NEW

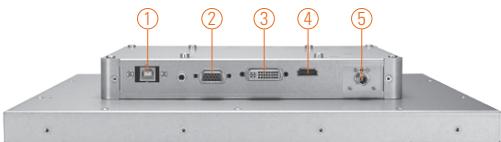
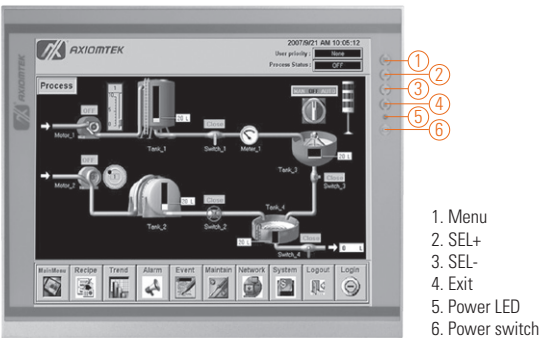
10.4" XGA TFT Industrial LCD Monitor

Features

- 10.4" XGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- DVI-D, VGA and HDMI with multi-signal inputs



▲ Ultra-slim mechanism design



1. T/S port
2. VGA
3. DVI-D
4. HDMI
5. Power

Introduction

The P6101 is an ultra slim industrial LCD monitor, which adopts 10.4-inch 350 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6101 supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	10.4" XGA TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	211.2 x 158.4
	Pixel Pitch (mm)	0.2063 x 0.2063
	Response Time	16ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/160°
	Contrast Ratio	900 (TYP.)
	Brightness (cd/m ²)	350 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)	

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	TBD
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	277.5 mm (10.93") x 48 mm (1.89") x 223.55 mm (8.8")
Packing Dimensions	362 mm (14.25") x 165 mm (6.5") x 397 mm (15.63")
Weight (net/gross)	TBD
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)
Certificate	CE

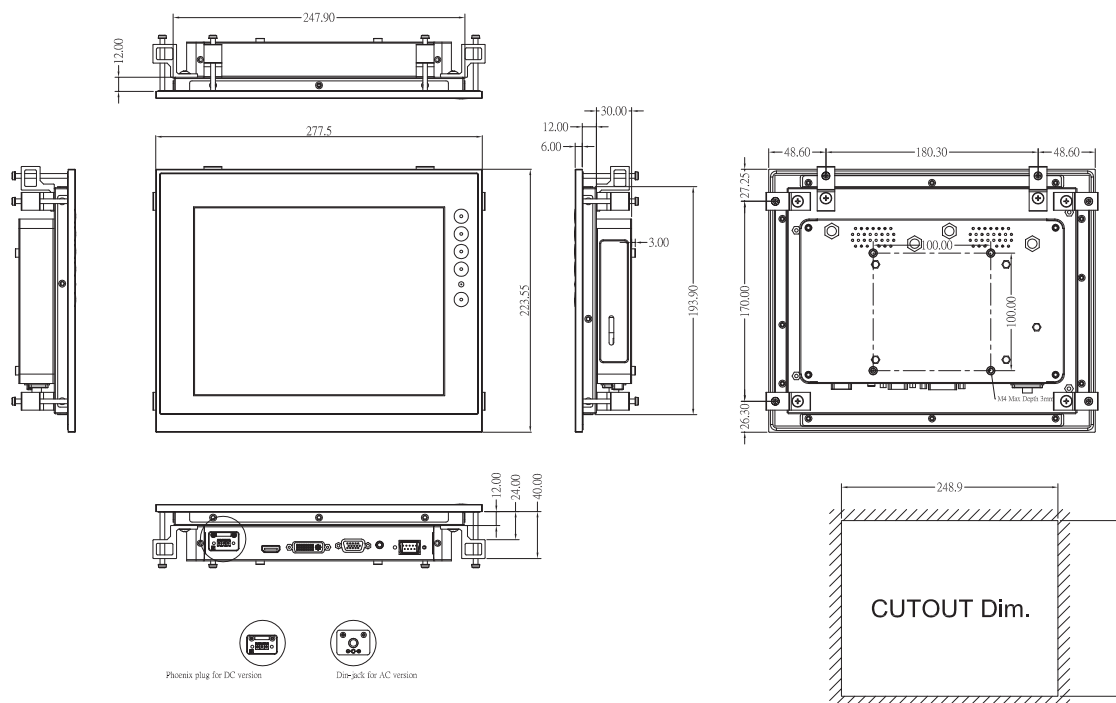
Ordering Information

AC Power	Resistive (RS-232)	P6101PR-AC-RS-US-EU
	Resistive (USB)	P6101PR-AC-U-US-EU
	Glass	P6101PG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6101PR-DC-RS
	Resistive (USB)	P6101PR-DC-U
	Glass	P6101PG-DC

Optional Accessories

5946L203800E	HDMI cable
5946L1713400E	DVI cable
TBD	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions

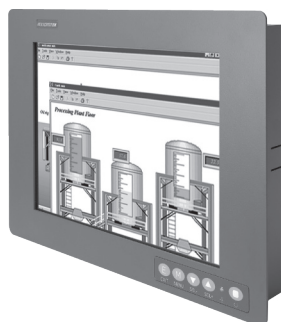


P6100

10.4" SVGA TFT Industrial LCD Monitor

Features

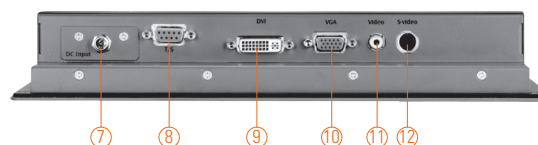
- 10.4" SVGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 24V DC-in (option)
- Supports multi-signal inputs: VGA, S-video, Video and DVI-D
- Supports panel mount, wall mount and VESA arm



▲ Side view



1. Exit
2. Menu
3. SEL-
4. SEL+5. Power LED
6. Power switch



7. DC power input
8. T/S port
9. DVI (Only for DVI-D)
10. VGA
11. Video (CVBS)
12. S-video

Introduction

The P6100 is a slim & compact industrial LCD monitor equipped with 10.4-inch 230 nits brightness SVGA LCD display and supports multi-signal interfaces including DVI-D, VGA, S-Video, and video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6100 supports panel mount, wall mount or VESA FPMPI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. This compact size industrial-grade flat panel monitor is ideal for varied industrial or commercial projects, such as transportation, POI, HMI, and even rugged environments.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPMPI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display Type	10.4" SVGA TFT LCD
	Max. Resolution	800 x 600
	Max. Colors	16.2M/262k
	Active Area (mm)	211.2 x 158.4
	Pixel Pitch (mm)	0.264 x 0.264
	Response Time	35ms
	Backlight	LED
	Backlight MTBF	30,000 hrs
	Viewing Angle(H/V)	160°/130°
Display Control	OSD (on screen display)	
	Display Mode	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak	
	DVI (Only for DVI-D)	
	Touchscreen: Serial RS-232 or USB interface	
	Video (optional) S-video (optional)	

Specifications

I/O Connectors	1 x RS-232 or USB touchscreen version 1 x VGA input 1 x DVI (Only for DVI-D) 1 x Screw-type DC power input 1 x RCA for video (optional) 1 x S-video for video (optional)	
Power Adapter	Screw-type external AC/DC power adapter	
Power Consumption	9 W	
Touchscreen	Thickness	Resistive: 2.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches
Controller interface	RS-232 or USB	
	D-type 9-pin male connector or USB connector	
Dimensions	294.2 mm (11.58") (W) x 46.6 mm (1.83") (D) x 231.2 mm (9.1") (H)	
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D) x 430 mm (16.93") (H)	
Weight (net/gross)	2.6 kg (5.73 lb)/5.1 kg (11.24 lb)	
Environment	Operating temperature: -10°C ~ +60°C (+14°F ~ +140°F) Storage temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Certificate	CE	

Ordering Information

P6100

AC Power	Panel Mount Monitor	
	Resistive	P6100PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6100PR-AC-U-V3-RC-US-EU
	Glass	P6100PG-AC-V3-RC-US-EU
24VDC Power	Panel Mount Monitor	
	Resistive	P6100PR-24VDC-RS-V3-RC
	Resistive (USB)	P6100PR-24VDC-U-V3-RC
	Glass	P6100PG-24VDC-V3-RC

P6100L

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6100LPR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6100LPR-AC-U-V3-RC-US-EU
	Glass	P6100LPG-AC-V3-RC-US-EU
24VDC Power	Panel Mount Monitor	
	Resistive	P6100LPR-24V-DC-RS-V3-RC
	Resistive (USB)	P6100LPR-24V-DC-U-V3-RC
	Glass	P6100LPG-24V-DC-V3-RC

* Specification and certifications are based on options and may vary.

Optional Accessories

ARM-VM-101	VESA ARM (clamp type)
ARM-VM-105	VESA ARM (wall mount type)
Wall mounting & desktop stand	



▲ Stand kit

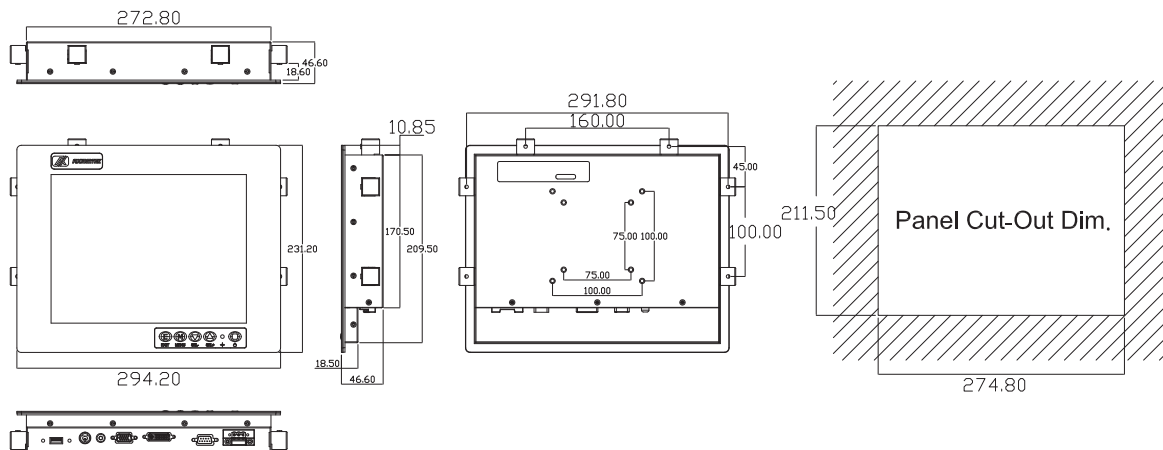


▲ Various mounting ways:
panel/wall/VESA



▲ Phoenix-type power input

Dimensions



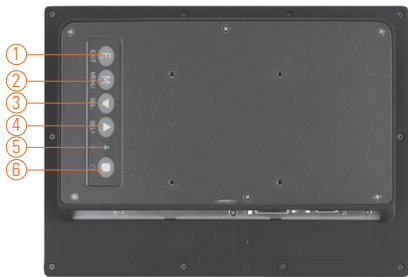
P6103W

NEW

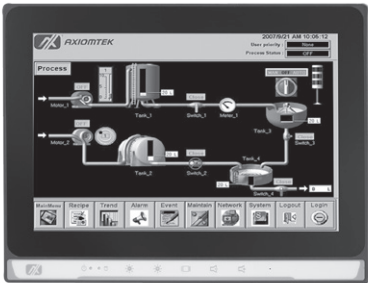
10.1" WXGA TFT Widescreen Industrial LCD Monitor

Features

- 10.1" WXGA TFT LED backlight LCD
- 10.1" projected capacitive multi-touch
- NEMA 4/12 (IP65)- compliant flat panel monitor
- Supports panel mount, wall mount and VESA arm
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- DVI-D, VGA and HDMI with multi-signal inputs



- 1. Exit
- 2. Menu
- 3. SEL-
- 4. SEL+
- 5. Power LED
- 6. Power switch



- 1. Power
- 2. T/S port
- 3. HDMI
- 4. DVI-D
- 5. VGA
- 6. Line-in

Introduction

The P6103W is an ultra slim industrial LCD monitor, which adopts 10.1-inch 350 nits WXGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6103W supports panel mount, wall mount or VESA FPM PMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount or VESA arm FPM PMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	10.1" WXGA TFT LCD
	Max. Resolution	1280 x 800
	Max. Colors	16.7M
	Active Area (mm)	216.96 x 135.60
	Pixel Pitch (mm)	0.1695 x 0.1695
	Response Time	25ms
	Backlight	LED backlight
	Backlight MTBF	25,000 hrs
	Viewing Angle (H/V)	170°/170°
	Contrast Ratio	800 (TYP.)
Display Control	Brightness (cd/m ²)	350 nits
	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), WXGA 1280 x 800 (60/72/75Hz)	

Specifications

Input Signal	DVI-D VGA HDMI Touchscreen: Serial RS-232 or USB interface
I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/DC power adapter
Power Consumption	15 W
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	260.8 mm (10.27") x 38 mm (1.5") x 194.1 mm (7.64")
Packing Dimensions	372 mm (14.65") x 99 mm (3.9") x 274 mm (10.79")
Weight (net/gross)	TBD
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 20%~90% @ 40°C, non-condensing
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)
Certificate	CE

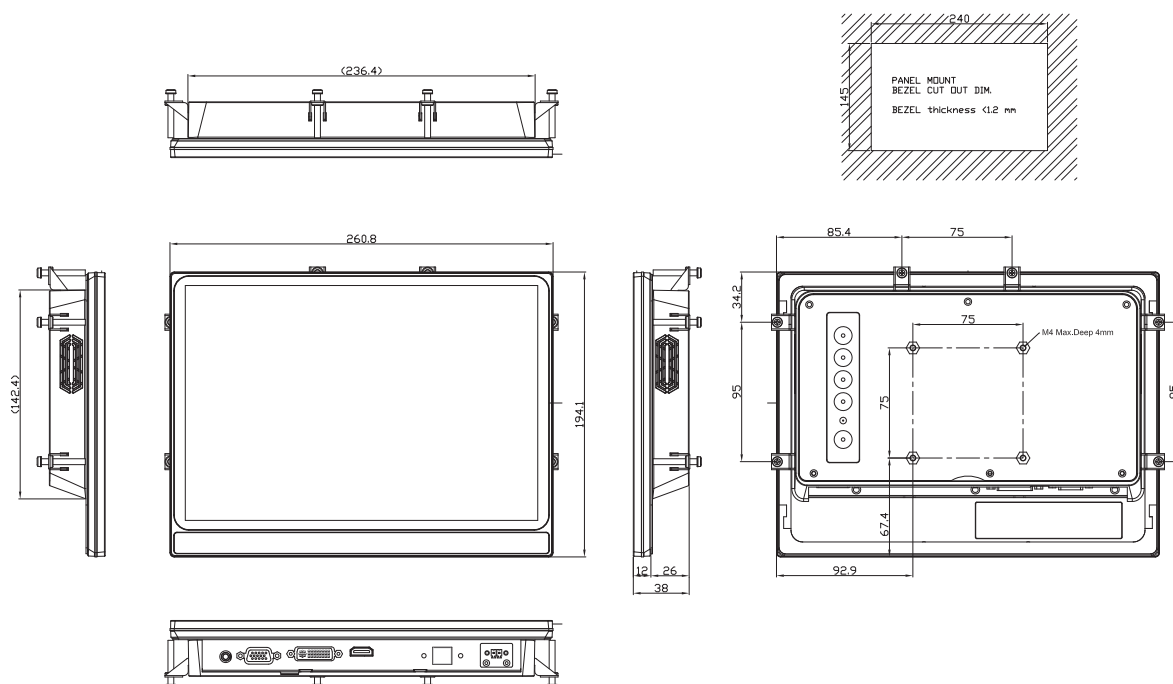
Ordering Information

AC Power	PCT (USB)	P6103WPC-AC-U-US-EU
	Glass	P6103WPG-AC-US-EU
12V/24VDC Power	PCT (USB)	P6103WPR-DC-U
	Glass	P6103WPG-DC

Optional Accessories

5946L203800E	HDMI cable
5946L1713400E	DVI cable
TBD	Panel mount kit
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions

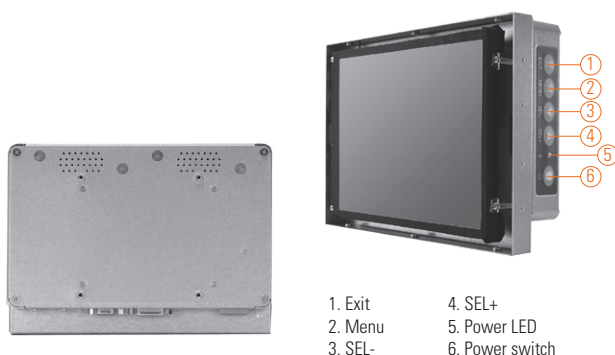
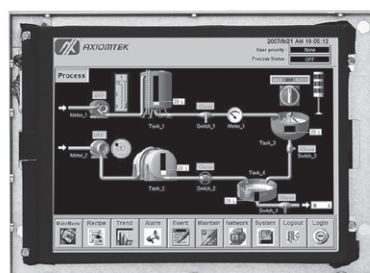


P6841O NEW

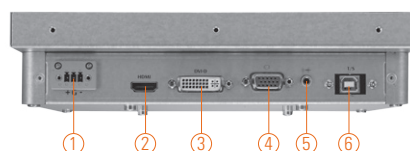
8.4" SVGA TFT Industrial Open Frame Monitor

Features

- 8.4" SVGA TFT LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports open frame mount, wall mount and VESA arm
- Resistive touchscreen
- Full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- DVI-D, VGA and HDMI with multi-signal inputs
- Wide operating temperature supported



1. Exit
2. Menu
3. SEL-
4. SEL+
5. Power LED
6. Power switch



1. Power
2. HDMI
3. DVI-D
4. VGA
5. Line-in
6. T/S port

Introduction

The P6841O is an ultra slim industrial open frame monitor, which adopts 8.4-inch 450 nits SVGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6841O supports open frame mount, wall mount or VESA FPMPI mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel
Mounting	Open frame mount, wall mount and VESA arm
LCD Panel	Display 8.4" SVGA TFT LCD
	Max. Resolution 800 x 600
	Max. Colors 16.2M
	Active Area (mm) 170.4 x 127.8
	Pixel Pitch (mm) 0.213 x 0.213
	Response Time 30ms
	Backlight LED backlight
	Backlight MTBF 50,000 hrs
	Viewing Angle (H/V) 160°/140°
	Contrast Ratio 600 (TYP.)
	Brightness (cd/m ²) 450 nits
Display Control	OSD (on screen display)
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz)
Input Signal	DVI-D
	VGA
	HDMI
	Touchscreen: Serial RS-232 or USB interface

Specifications

I/O Connectors	1 x RS-232 or USB for touchscreen version 1 x DVI-D 1 x VGA 1 x HDMI 1 x Screw-type DC power input	
Power Adapter	Screw-type external AC/DC power adapter	
Power Consumption	9.8 W	
Touchscreen	Thickness	Resistive: 3.2 mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches Controller interface: RS-232 D-type 9pin male connector or USB
Dimensions	227 mm (8.94") x 53 mm (2.09") x 162 mm (6.78")	
Packing Dimensions	362 mm (14.25") x 165 mm (6.5") x 397 mm (15.63")	
Weight (net/gross)	1.42 kg (3.11 lb)/2.3 kg (5.07 lb)	
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) Relative humidity: 20%~90% @ 40°C, non-condensing	
Packing List	1 x VGA cable 1 x RS232 or USB cable for touchscreen (for touch version) 1 x Audio cable 1 x EU/US power cord (for AC version)	
Certificate	CE	

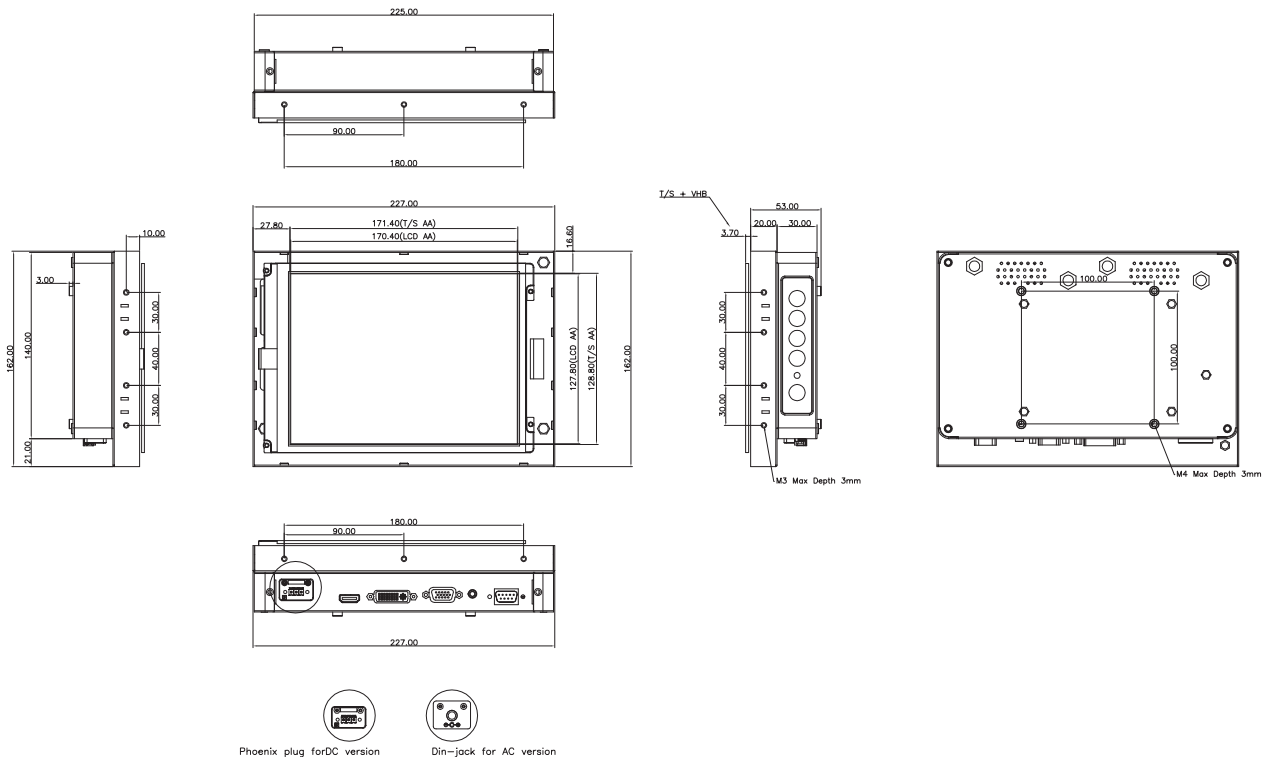
Ordering Information

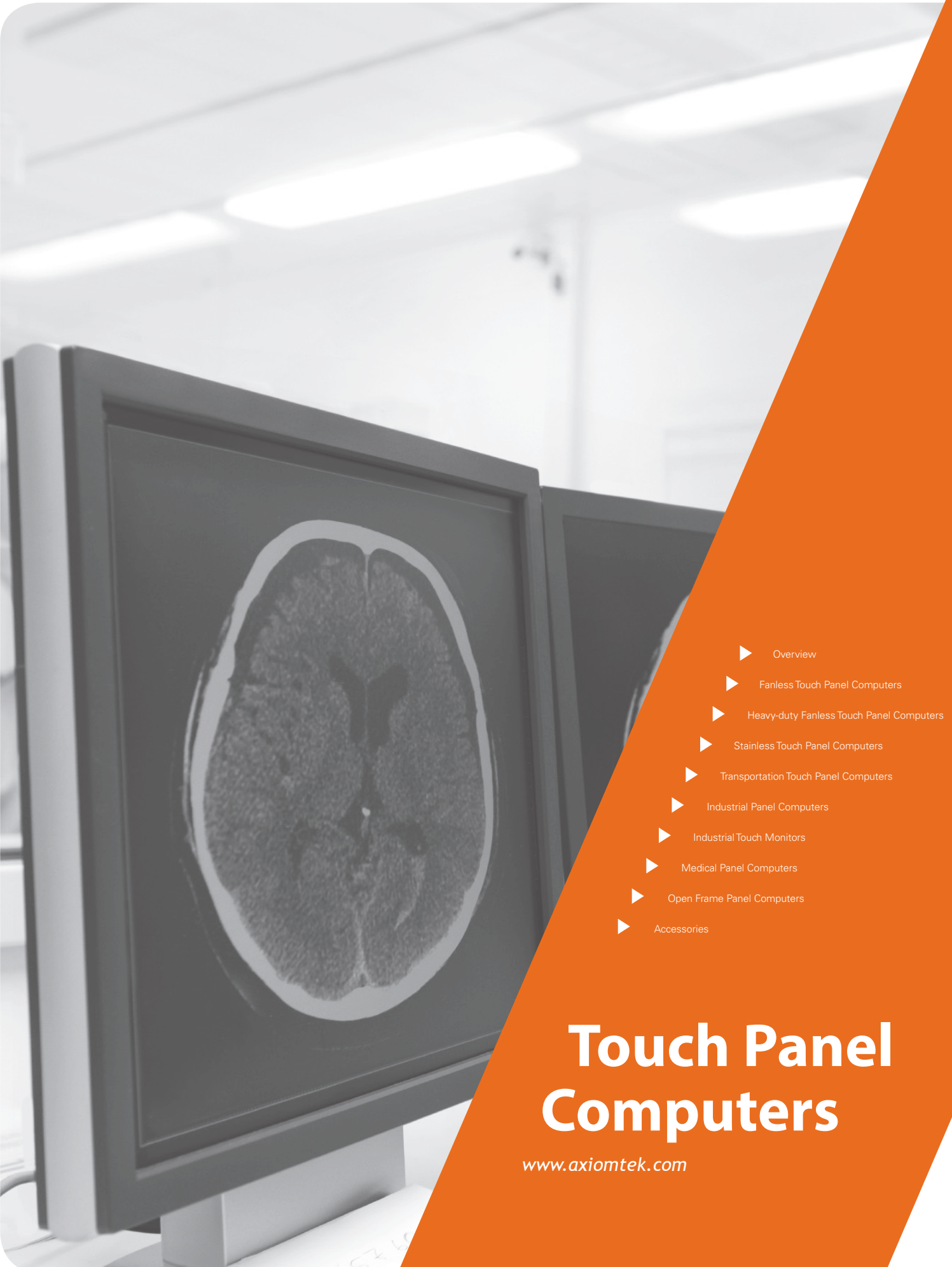
12V/24VDC Power	Resistive (USB)	P68410R-DC-UPR-DC-U
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Optional Accessories

5946L203800E	HDMI cable
5946L1713400E	DVI cable
82231770050E	Wall mount kit
E226171106	Desktop stand

Dimensions



- 
- A large medical monitor in a clinical setting, displaying a grayscale axial CT scan of a human brain. The monitor is part of a multi-screen workstation. The background shows a bright, clinical room with fluorescent lighting.
- ▶ Overview
 - ▶ Fanless Touch Panel Computers
 - ▶ Heavy-duty Fanless Touch Panel Computers
 - ▶ Stainless Touch Panel Computers
 - ▶ Transportation Touch Panel Computers
 - ▶ Industrial Panel Computers
 - ▶ Industrial Touch Monitors
 - ▶ Medical Panel Computers
 - ▶ Open Frame Panel Computers
 - ▶ Accessories

Touch Panel Computers

www.axiomtek.com

7

Medical Panel Computers

Quality is becoming ever-stringently demanded for medical products. Responding well to such market demands, Axiomtek's medical touch panel computers (MPC series) delivers features such as power efficiency, sleek design, IPX1-rated water-resistant design, noiseless operation, achieving certification such as ISO 13485: 2003, UL 60601-1/EN 60601-1, CE, FCC Class B. Axiomtek's healthcare and medical solutions are absolutely your best choice ideal for applications like medical image processing, medical measuring instrument and mobile nursing cart.

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Medical Panel Computers

MPC240 NEW	24" FHD TFT Medical Grade Panel Computer with 4th Gen Intel® Core™ M-series, Celeron® & Pentium® Processor	687
MPC225-873	22" WSXGA TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/i5/i3 Processor	689
MPC175-873	17" SXGA TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/i5/i3 Processor	691
MPC153-834	15.6" WXGA TFT Medical Grade Panel Computer with Intel® Celeron® Processor J1900	693
MPC152-832	15" XGA TFT Medical Grade Panel Computer with Intel® Atom™ Processor D2550	695
MPC102-845 NEW	10.4" SVGA TFT medical panel Computer with Intel® Celeron® Processor N3060	697
MPC102-832	10.4" SVGA TFT Medical Grade Panel Computer with Intel® Atom™ Processor N2600	699

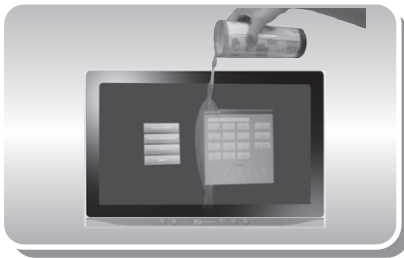


Medical Panel Computers

Axiomtek's MPC series, the fanless medical grade panel computer, is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts IP65 front panel and IPX1 entire system spill/dust-proof designs which protect the entire system from outside liquid, preventing system from crashing, yet still offers excellent heat ventilation and fanless operation. Powered by Intel® Core™/ Core™2 Duo/ Pentium®/ Celeron®/ Atom™ processor and PCI expansion slot, the MPC series is definitely the best choice for your medical panel computer.

This series complies with ISO 13485: 2003, UL 60601-1, EN 60601-1, CE, FCC Class B certifications to ensure medical operation safety. It is outfitted with high brightness TFT LCD display. Additionally, it offers flexible CPU selection with socket type which reduces cost, increases convenience over onboard CPU, and still maintains a fanless operation and long product life cycle. For expansion capability, the platform supports one PCI or PCIe x4 slot for video capture card, data acquisition card and more. The built-in 5M mega pixels camera, microphone and stereo speakers allows medical professionals to execute remote operation. Bluetooth is an available option for wireless connection with medical peripheral devices. Optional Wi-Fi (802.11 a/b/g/n) allows wireless real-time connection of patient record for assessment. To improve patient treatment accuracy, the optional RFID (radio frequency identification) offers an efficient way to validate patient identification and give proper treatment.

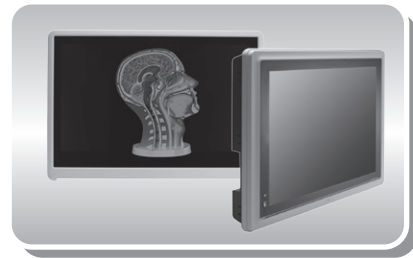
Major Features



▲ IPX1 waterproof design



▲ Built-in 5 mega pixels camera



▲ Various mounting ways: Desktop/Wall/
VESA/panel mount



▲ Slim design with PCI or PCIe expansion
and multiple I/O interface



▲ TFT LCD monitor sizes:
10.4"/15"/15.6"/17"/22"/24"



▲ Medical certifications:
ISO 13485: 2003, UL 60601-1, EN 60601-1,
FCC Class B

Medical Panel Computers

Selection Guide



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Features/Models	MPC240	MPC225-873	MPC175-873
CPU Level	Socket G3 4th gen Intel® Core™ i7/i5/i3 & Celeron®, Pentium® mobile processor	Socket rPGA988B 3rd gen Intel® Core™ i7/i5/i3 & Celeron®, TDP up to 35 W	Socket rPGA988B 3rd gen Intel® Core™ i7/i5/i3 & Celeron®, TDP up to 35 W
Chipset	Intel® HM86	Intel® QM77	Intel® QM77
System Memory	2 x 204-pin DDR3L-1600 SO-DIMM, up to 16GB	2 x 204-pin DDR3-1333 SO-DIMM, up to 16GB	2 x 204-pin DDR3-1333 SO-DIMM, up to 16GB
Display	24" FHD TFT, 250 nits	22" WSXGA TFT, 250 nits	17" SXGA TFT, 350 nits
I/O	4 x USB 3.0 4 x USB 2.0 1 x Audio (Line out) 1 x Audio (Mic-in) 1 x RJ-45 jack 1 x DC-in jack 1 x HDMI	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM1 w/isolated 4KV) 2 x 10/100/1000 Mbps Ethernet (isolated 4KV) 2 x USB 2.0 (isolated 4KV) 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x DisplayPort 2 x 2W speakers	1 x RS-232/422/485 (COM 1 w/isolated 4KV) 2 x 10/100/1000 Mbps Ethernet (isolated 4KV) 2 x USB 2.0 (isolated 4KV) 2 x USB 3.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x DisplayPort 2 x 2W speakers
Storage	1 x 2.5" SATA HDD 1 x M2-SATA SSD (M2 Type, 2242)	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD 1 x mSATA SSD (optional)
DVD-RW	1 x Super multi drive (optional)	1 x Super multi drive (optional)	1 x Super multi drive (optional)
Expansion Interface	1 x PCIe Mini Card	1 x PCI or 1 x PCIe x4 2 x PCIe Mini Card	1 x PCI or 1 x PCIe x4 (optional) 2 x PCIe Mini Card
Touchscreen	Projected capacitive multi-touch	5-wire resistive type	5-wire resistive type
Power Supply	External AC/DC medical grade power adapter	External 24 VDC with AC/DC medical grade power adapter	External 24 VDC with AC/DC medical grade power adapter
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	610 x 35.5 x 415 mm (24.01" x 1.40" x 16.34")	573.5 x 75.9 x 398.9 mm (22.57" x 2.98" x 15.7")	438 x 76.5 x 376.4 mm (17.24" x 3.01" x 14.81")
Weight (net/gross)	6.2 kg (13.66 lb)/9 kg (19.84 lb)	10.58 kg (23.32 lb)/15.16 kg (33.42 lb)	8.0 kg (17.63 lb)/11.9 kg (26.23 lb)
Operating Temperature	5°C ~ +40°C (+13°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)
Certificate	CE, EN 60601-1	CE class B, EN 60601-1, UL 60601-1, CE class B, EN 60601-1, UL 60601-1	CE class B, EN 60601-1, UL 60601-1, FCC classB



Medical Panel Computers

Selection Guide



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Features\Models	MPC153-834	MPC152-832
CPU Level	Intel® Celeron® processor J1900 (up to 2.42 GHz)	Intel® Atom™ D2550 @1.86 GHz
Chipset	SoC Integrated	Intel® NM10
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB	1 x 204-pin DDR3-800/1066 SO-DIMM, up to 4GB
Display	15.6" WXGA TFT, 300 nits	15" XGA TFT, 400 nits
I/O	2 x RS-232/422/485 (COM 1/2) 1 x RS-232/422/485 (COM3 w/isolated 4KV) 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 1 x Audio (Line-out)	1 x RS-232 (COM3 w/isolated 4KV) 1 x RS-232/422/485 (COM1) 2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x DisplayPort
Storage	1 x Half-Slim SSD 1 x CFast™ or mSATA	1 x 2.5" SATA HDD 1 x CompactFlash™
DVD-RW	N/A	N/A
Expansion Interface	2 x PCIe Mini Card	1 x PCIe Mini Card
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive type	5-wire resistive type
Power Supply	9~36 VDC External 100~240 VAC, 60 W medical grade power adapter	10~30 VDC External 100~240 VAC, 60 W medical grade power adapter
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")
Weight (net/gross)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)	3.2 kg (7.05 lb)/4.5 kg (9.91 lb)
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)
Certificate	CE, EN 60601-1, FCC classB	CE, EN 60601-1, UL 60601-1, FCC classB



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Features/Models	MPC102-845	MPC102-832
CPU Level	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)	Intel® Atom™ N2600 @1.6 GHz
Chipset	SoC Integrated	Intel® NM10
System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB	1 x 204-pin DDR3-800/1066 SO-DIMM, up to 2GB
Display	10.4" SVGA TFT, 400 nits	10.4" SVGA TFT, 400 nit
I/O	1 x RS-232 (COM3 w/isolated 4KV) 1 x RS-232/422/485 (COM1) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 1 x Audio (Line-out)	1 x RS-232 (COM3 w/isolated 4KV) 1 x RS-232/422/485 (COM1) 2 x 10/100/1000 Mbps Ethernet 2 x USB 2.0 1 x Audio (Line-out) 1 x DisplayPort
Storage	1 x 2.5" HDD 1 x mSATA	1 x Half-Slim SATA SSD 1 x CompactFlash™
DVD-RW	N/A	N/A
Expansion Interface	2 x PCIe Mini Card	1 x PCIe Mini Card
Touchscreen	5-wire Resistive Type	5-wire Resistive Type
Power Supply	9-36 VDC External 100-240 VAC, 60 W medical grade power adapter	10-30 VDC External 100-240 VAC, 60 W medical grade power adapter
Watchdog Timer	255 levels, 0-255 sec.	255 levels, 0-255 sec.
Dimensions (W x D x H)	292.5 x 45.8 x 235.8 mm (11.52" x 1.8" x 9.28")	292.5 x 45.8 x 235.8 mm (11.52" x 1.8" x 9.28")
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Operating Temperature	0° ~ +40°C (+32°F ~ +104°F)	0° ~ +40°C (+32°F ~ +104°F)
Certificate	CE, EN 60601-1	CE, EN 60601-1, UL 60601-1, FCC classB

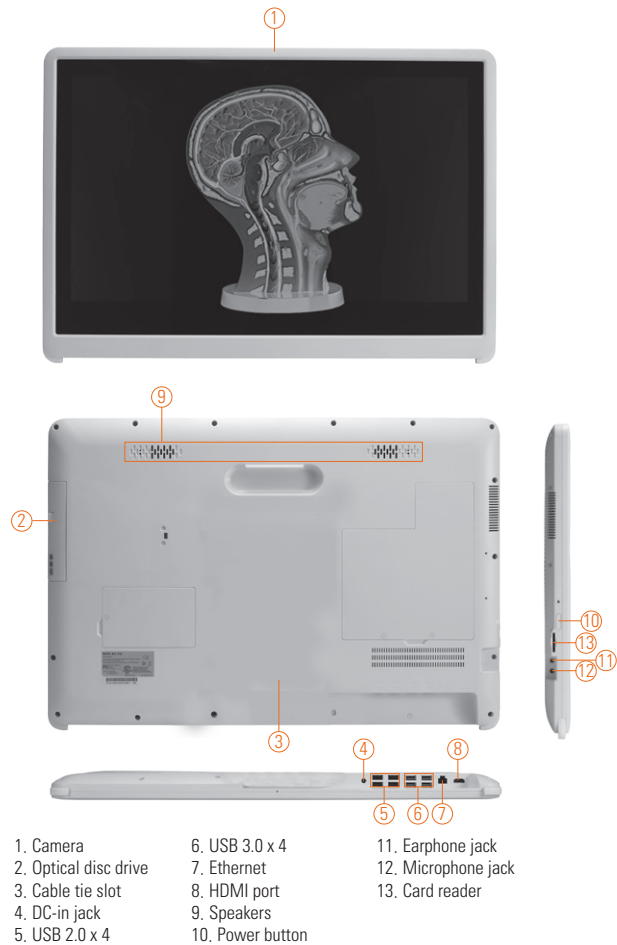
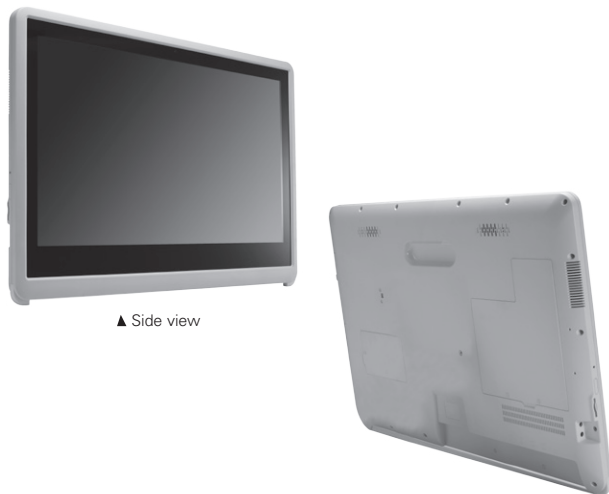


MPC240 NEW

24" FHD TFT Medical Grade Panel Computer with 4th Gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® Mobile Processor

Features

- 24" FHD TFT LCD display with LED backlight
- Socket G3 4th gen Intel® Core™ i7/i5/i3, Celeron® & Pentium® mobile processors
- EN 60601-1 and CE certified
- Spill-proof front panel design
- 10-point multi-touch screen
- Antimicrobial enclosure
- Ultra slim and super lightweight design
- Supports optional wall mount/VESA arm/desktop stand



Introduction

The MPC240 is an Intel® Core™-based 24-inch medical grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical & healthcare environment, the 10-point touchscreen medical panel PC has spill-proof front panel design which protects the entire system from outside liquid, preventing system from crashing. In response to market demand, this 24" medical panel computer provides a cost-effective yet powerful solution.

Super Slim & Ultra Lightweight Design

The Axiomtek MPC240 is a super slim 24-inch touch panel PC for space-limited healthcare environment with its thickness of 35.5 mm and weight of 6.2 kg only, which make it installed everywhere. Besides, it provides medical grade AC power adapter.

Built-in Internal WLAN

The stylish MPC240 provides a PCIe Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the 24-inch medical computer in a wireless LAN/GPRS/GSM/4G environment.

Certifications

This 24" multi-touch medical panel platform complies with EN 60601 and CE to ensure medical operation safety.

Specifications

Front Bezel	Spill-proof
LCD Panel	Display Type 24" FHD TFT LCD with LED backlight
	Brightness (cd/m ²) 250 nits
	Resolution 1920 x 1080
Main System	CPU Socket G3 4th generation Intel® Core™ i7/i5/i3 & Celeron®, Pentium® mobile processors
	System Memory 2 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 16GB, 8GB for each socket
	BIOS AMI BIOS
	Storage 1 x 2.5" SATA HDD 1 x M2-SATA SSD (M2 Type, 2242)
	Optical Drive 1 x Super Multi drive (optional)
	Watchdog Timer 255 levels, 0-255 sec.
	Onboard Graphics Integrated in Intel® GFX

Specifications

I/O Connector	4 x USB 3.0 4 x USB 2.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x RJ-45 jack 1 x DC-in jack 1 x HDMI
Expansion Interface	1 x SDXC card reader slot 1 x PCI Express Mini Card slot for Wi-Fi
Audio	2 x 1.5 KHz speaker/70dB 1 x Microphone
Camera	1 x 2M pixels webcam
Sensor	1 x Proximity sensor
Touch Screen	Projected capacitive multi-touch 10-point
Power Supply	1. 100-240 V, 135 W medical grade power adapter 2. Built-in UPS battery (optional)
Dimensions	610 mm (24.01") (W) x 35.5 mm (1.40") (D) x 415 mm (16.34") (H)
Packing Dimensions	780 mm (30.71") (W) x 160 mm (6.30") (D) x 530 mm (20.87") (H)
Weight(net/gross)	6.2 kg (13.66 lb)/9 kg (19.84 lb)
Environment	Operating temperature: +5°C ~ +40°C (+13°F ~ +104°F) Relative humidity: 10%~90% @ 40°C; non-condensing
Certificate	CE, EN 60601-1

Ordering Information

MPC240	24" FHD medical touch panel computer with Intel® Core™ processor, projected capacitive multi-touch screen, AC-DC 135 W medical grade power adapter (screw type connector), EMI class B and EN 60601-1 certified
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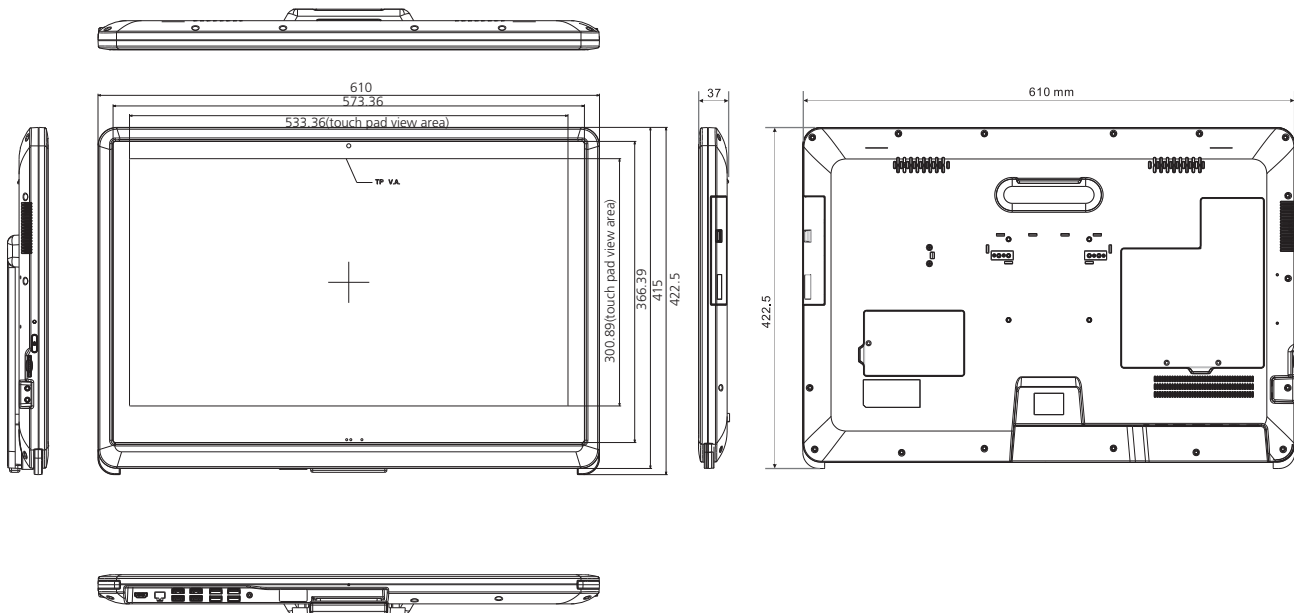
* Specifications and certifications may vary contingent on options.

Optional OS Installation

Windows® 7

Windows® 8.1

Dimensions



MPC225-873

22" WSXGA TFT Fanless Medical Grade Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3 & Celeron® Processor

Features

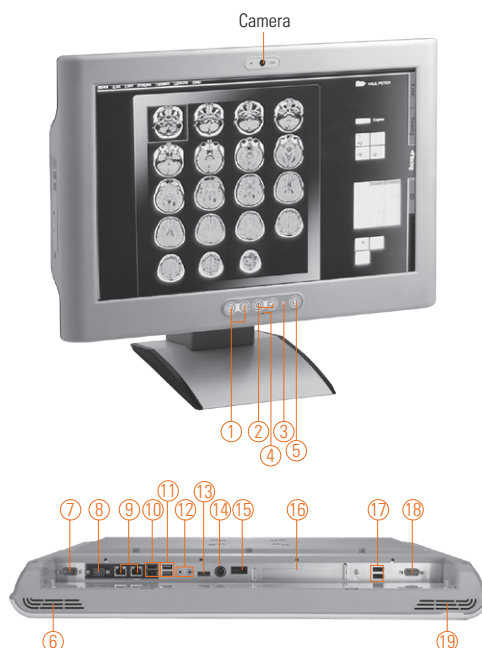
- 22" (250 nits) WSXGA TFT LCD
- Socket rPGA988B 3rd gen Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- Isolated COM, USB and Ethernet ports
- USB 3.0 supported
- IP65 front bezel and IPX1 full enclosure water/dust proof design
- 1 PCI or PCIe x4 and 2 PCIe Mini Card slots
- Optional Bluetooth/Wi-Fi (802.11 a/b/g/n)
- Built-in 5 mega pixels camera
- Touch screen on/off key for clean usage
- UL 60601-1, EN 60601-1, CE & FCC class B certified
- Supports optional wall mount/VESA arm/desktop stand



▲ Rear view



▲ Slim design



1. Brightness adjust +/-
2. Volume adjust
3. Power LED
4. Mic
5. Touch on/off button
6. Speaker (R)
7. COM 2 (RS-232)
8. Isolated COM 1 (RS-232/422/485)
9. Isolated Ethernet x 2
10. Isolated USB x 2
11. USB 3.0 x 2
12. Audio (Line-out/Mic-in)
13. DisplayPort
14. Power connector
15. Power switch
16. PCI or PCIe slot
17. USB 2.0 x 2
18. COM 3 (RS-232)
19. Speaker (L)



Introduction

The MPC225-873 is a 22-inch slim TFT fanless medical grade panel computer, which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts IPX1 waterproof design which protects the entire system from outside liquid, preventing system from crashing. The Isolated COM/USB/LAN port design provides electric leakage protection in medical environment. Powered by socket rPGA988B 3rd Generation Intel® Core™ i7/i5/i3 processor and PCI expansion slot, the MPC225-873 is definitely the best choice for your medical computing platform.

This medical panel platform complies with UL 60601-1, EN 60601-1, CE, FCC Class B certifications to ensure medical operation safety. It is outfitted with 22-inch wide view angle WSXGA TFT LCD display. Additionally, the MPC225-873 offers flexible CPU selection with socket type which reduces cost, increases convenience over onboard CPU, and still maintains a fanless operation as well as long product life cycle. For expansion capability, the unit supports one PCI or PCIe x4 slot and two mini card slots for video capture card, data acquisition card, Wi-Fi, mSATA and more. The built-in 5 mega pixels camera, microphone and stereo speakers allow medical professionals to execute remote operation. Bluetooth is an available option for wireless connection with medical peripheral devices. Optional Wi-Fi (802.11 a/b/g/n) allows wireless real-time connection of patient record for assessment. To improve patient treatment accuracy, the optional RFID (radio frequency identification) offers an efficient way to validate patient identification and give proper treatment.

Specifications

Front Bezel	Plastic ABS	
LCD Panel	Display Type	22" WSXGA TFT
	Brightness (cd/m ²)	250 nits
	Resolution	1680 x 1050
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35 W
	Chipset	Intel® QM77
	System Memory	2 x 204-pin DDR3-1333 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD 1 x mSATA SSD (optional)
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Intel® HD Graphic

Specifications

I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1 w/ isolated 4KV) 2 x 10/100/1000 Mbps Ethernet (isolated 4KV) 2 x USB 2.0 (isolated 4KV) 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x DisplayPort
Expansion Interface	1 x PCI or 1 x PCIe x4 slot (optional) 2 x PCI Express Mini Card slot
Speaker	2 x 2W
Camera	1 x 5M pixels camera
Touchscreen	5-wire resistive type
Function Key	LCD brightness up/down, audio volume up/down, touch off/on
Power Supply	External 24 VDC with AC/DC medical grade power adapter
Dimensions	573.5 mm (22.57") (W) x 75.9 mm (2.98") (D) x 398.9 mm (15.7") (H)
Packing Dimensions	730 mm (28.74") (W) x 240 mm (9.45") (D) x 650 mm (25.59") (H)
Weight (net/gross)	10.58 kg (23.32 lb)/15.16 kg (33.42 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing
Certificate	CE, FCC class B, EN 60601-1, UL 60601-1

Ordering Information

MPC225-873-UL-NP-DRW	22" WXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, super multi drive, AC-DC 150W medical grade power adapter (screw type connector), EMI class B, UL 60601-1 and EN 60601-1 certified
MPC225-873-UL-NP w/o DRW	22" WXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, AC-DC 150W medical grade power adapter (screw type connector), EMI class B, UL 60601-1 and EN 60601-1 certified

* Specifications and certifications may vary contingent on options.
**Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.

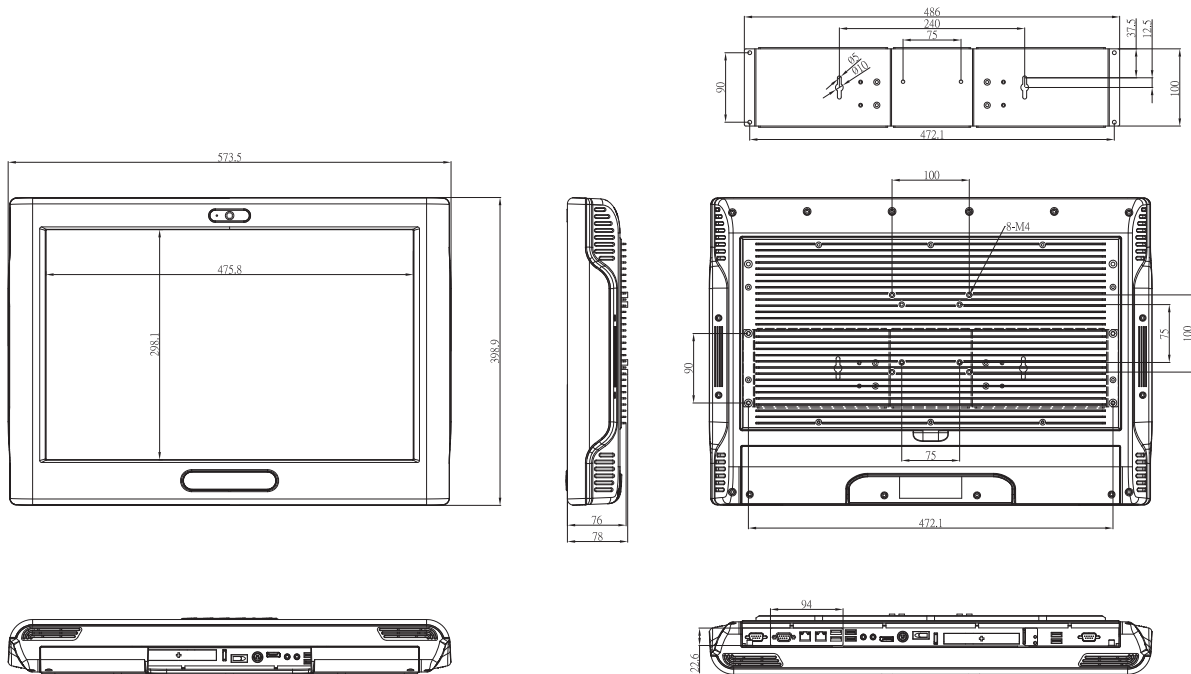
Optional Accessories

E202003330	VM-101 VESA ARM (clamp type)
E202003329	VM-105 VESA ARM (wall mount type)
E228170100	22" stand kit

Optional OS Installation

Windows® XP
Windows® 7
WES7
Windows® 8.1
WE8S

Dimensions



MPC175-873

17" SXGA TFT Fanless Medical Grade Panel Computer with 3rd Gen Intel® Core™ i7/i5/i3 & Celeron® Processor

Features

- 17" (350 nits) SXGA TFT LCD
- Socket rPGA988B 3rd gen Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- Isolated COM, USB and Ethernet ports
- USB 3.0 supported
- IP65 front bezel and IPX1 full enclosure water/dust proof design
- Optional 1 x PCI or PCIe x4 expansion slot
- Optional Bluetooth/Wi-Fi (802.11 a/b/g/n)
- Built-in 5 mega pixels camera
- Touch screen on/off key for clean usage
- UL 60601-1/EN 60601-1, CE & FCC class B certified
- Supports optional wall mount/VESA arm/desktop stand



▲ Side view



▲ Rear view



1. Brightness adjust +/-
2. Volume adjust
3. Power LED
4. Mic
5. Touch on/off button
6. Speaker (R)
7. Isolated COM 1 (RS-232/422/485)
8. Isolated Ethernet x 2
9. Isolated USB x 2
10. USB 3.0 x 2
11. Audio (Line-out/Mic-in)
12. DisplayPort
13. Power connector
14. Power switch
15. PCI or PCIe slot
16. Speaker (L)

Introduction

The MPC175-873 is a 17-inch slim TFT fanless medical grade panel computer, which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts IPX1 waterproof design which protects the entire system from outside liquid, preventing system from crashing. Isolated COM/USB/LAN port design provides electric leakage protection in medical environment. Powered by socket rPGA988B 3rd Generation Intel® Core™ i7/i5/i3 processor and PCI expansion slot, the MPC175-873 is definitely the best choice for your medical platform.

This medical panel platform complies with UL 60601-1, EN 60601-1, CE, FCC Class B certifications to ensure medical operation safety. It is outfitted with 17-inch wide view angle SXGA TFT LCD display. Additionally, the MPC175-873 offers flexible CPU selection with socket type which reduces cost, increases convenience over onboard CPU, and still maintains a fanless operation as well as long product life cycle. For expansion capability, the unit supports optional one PCI or PCIe x4 slot, and two mini card slot for video capture card, data acquisition card, Wi-Fi, mSATA and more. The built-in 5 mega pixels camera, microphone and stereo speakers allow medical professionals to execute remote operation. Bluetooth is an available option for wireless connection with medical peripheral devices. Optional Wi-Fi (802.11 a/b/g/n) allows wireless real-time connection of patient record for assessment. To improve patient treatment accuracy, the optional RFID (radio frequency identification) offers an efficient way to validate patient identification and give proper treatment.

Specifications

Front Bezel	Plastic ABS	
LCD Panel	Display Type	17" SXGA TFT
	Brightness (cd/m ²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Socket rPGA988B 3rd gen Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W
	Chipset	Intel® QM77
	System Memory	2 x 204-pin DDR3-1333 SO-DIMM, up to 16GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD 1 x mSATA SSD (optional)
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Intel® HD Graphic

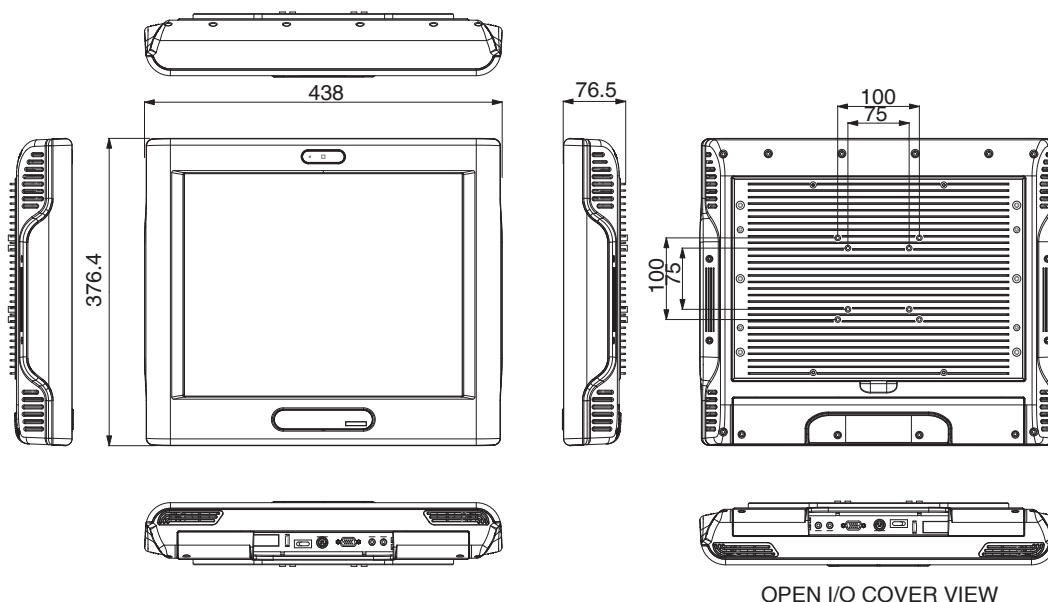
Specifications

I/O Connector	1 x RS-232/422/485 (COM 1 w/ isolated 4KV) 2 x 10/100/1000 Mbps Ethernet (isolated 4KV) 2 x USB 2.0 (isolated 4KV) 2 x USB 3.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x DisplayPort
Expansion Interface	1 x PCI or 1 x PCIe x4 slot (optional) 2 x PCI Express Mini Card slot
Speaker	2 x 2W
Camera	1 x 5M pixels camera
Touchscreen	5-wire resistive type
Function Key	LCD brightness up/down, audio volume up/down, touch off/on
Power Supply	External 24VDC with AC/DC medical grade power adapter
Dimensions	438 mm (17.24") (W) x 76.5 mm (3.01") (D) x 376.4 mm (14.81") (H)
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	8.0 kg (17.63 lb)/ 11.9 kg (26.23 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing
Certificate	CE, FCC class B, EN 60601-1, UL 60601-1



▲ Stand kit

Dimensions



Ordering Information

MPC175-873-NP-DRW	17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, super multi drive, AC-DC 110W medical grade power adapter (screw type connector), EMI class B and EN 60601-1 certified
MPC175-873-NP W/O DRW	17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, AC-DC 110W medical grade power adapter (screw type connector), EMI class B and EN 60601-1 certified
MPC175-873-UL-NP DRW	17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, super multi drive, AC-DC 150W medical grade power adapter (screw type connector), EMI class B, UL 60601-1 and EN 60601-1 certified
MPC175-873-UL-NP W/O DRW	17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, AC-DC 150W medical grade power adapter (screw type connector), EMI class B, UL 60601-1 and EN 60601-1 certified

* Specifications and certifications may vary contingent on options.

**Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.

Optional Accessories

E202003330	VM-101 VESA ARM (clamp type)
E202003329	VM-105 VESA ARM (wall mount type)
E228170100	17" stand kit

Optional OS Installation

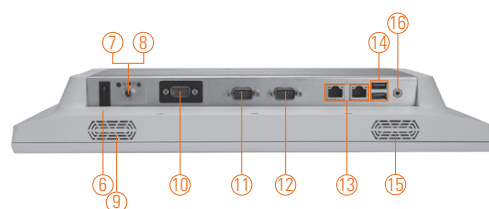
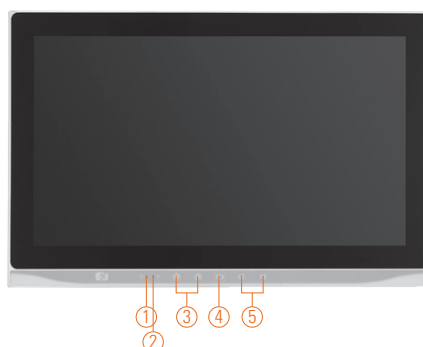
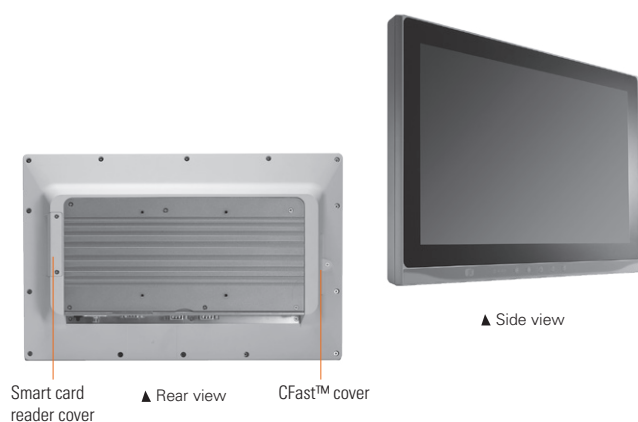
Windows® XP
Windows® 7
WES7
Windows® 8.1
WE8S

MPC153-834

15.6" WXGA TFT Medical Grade Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

Features

- 15.6" WXGA TFT LCD display with LED backlight
- Projected capacitive touch or 5-wire flat resistive touch for optional
- Fanless design with Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
- EN 60601-1/CE/FCC class B certified
- Half-slim SSD & CFast™ or mSATA
- Antimicrobial plastic enclosure
- IP65 front bezel and IPX1 full enclosure design
- Supports optional wall mount/VESA arm/desktop stand
- Supports optional smart card reader



- | | | |
|--------------------------|------------------------------------|----------------------|
| 1. Power LED | 7. Power input connector (Screw) | 13. Ethernet x 2 |
| 2. HDD LED | 8. Power input connector (Phoenix) | 14. USB 3.0 x 2 |
| 3. Brightness adjust +/- | 9. Speaker | 15. Speaker |
| 4. Display on/off | 10. Isolated COM 3 | 16. Audio (Line-out) |
| 5. Volume adjust | 11. COM 1(RS-232/422/485) | |
| 6. Power switch (ATX) | 12. COM 2(RS-232/422/485) | |



Introduction

The MPC153-834 is a 15.6" Intel® Celeron® based medical grade fanless touch panel computer. In response to market demand, this medical touch panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 15.6" TFT LCD as well as Intel® Celeron® processor J1900 4 cores up to 2.42 GHz (Bay Trail). For wireless network connection, the MPC153-834 offers 2 mini card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9~36VDC) with terminal block connector, and another is AC medical power adapter with screw type connector.

Slim & Lightweight Design

The 15.6-inch medical panel PC is slim and lightweight which makes it fit for limited space installation.

Built-in Internal WLAN Antenna

The MPC153-834 provides 2 mini card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the medical computer in wireless LAN/GPRS/GPS/4G environment.

Support Front Membrane Keys

The MPC153-834 provides 5 membrane keys in front of system, people can adjust the system display, volume and brightness.

Certifications

This 15.6-inch fanless medical panel platform complies with EN 60601-1, CE, FCC Class B certifications to ensure medical operation safety.

Specifications

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD display with LED backlight
	Brightness (cd/m ²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4 cores
	System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-Slim SSD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0 ~ 255 sec.
	Onboard Graphics	Integrated Intel® GFX

Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232 COM 1/2) 1 x RS-232 (COM3 w/ isolated 4KV) 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT) 2 x USB 3.0 1 x Audio (Line-out)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch or 5-wire flat resistive touch
Power Supply	1. AC version: medical grade 100-240 V AC-DC, 60 W power adapter 2. DC version: 9-36 VDC with terminal block
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)
Packing Dimensions	510 mm (20.09") x 190 mm (7.48") x 540 mm (21.26")
Weight (net/gross)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)
Environment	Operating temperature: 0°C ~ +40°C (32°F ~ +104°F, w/RAM thermal kit) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 10 ~ 500Hz, random for CFast™
Certificate	CE, FCC class B, EN 60601-1

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

* The DC power source to be used with MPC153-834 should be galvanically isolated according to IEC60601-1 safety of medical devices!

Ordering Information

Standard	
MPC153-834-PCT-J	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, AC-DC 60 W power adapter (screw type connector), EMI class B and EN 60601-1 certified
MPC153-834-FR-J	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, AC-DC 60 W power adapter (screw type connector), EMI class B and EN 60601-1 certified
MPC153-834-PCT-DC	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, projected capacitive multi-touch screen, 10-30 VDC power input (terminal block connector) and EN 60601-1 certified
MPC153-834-FR-DC	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, 10-30 VDC power input (terminal block connector) and EN 60601-1 certified

Optional

Wi-Fi + Bluetooth kit
Smart card reader kit
WALL mount kit

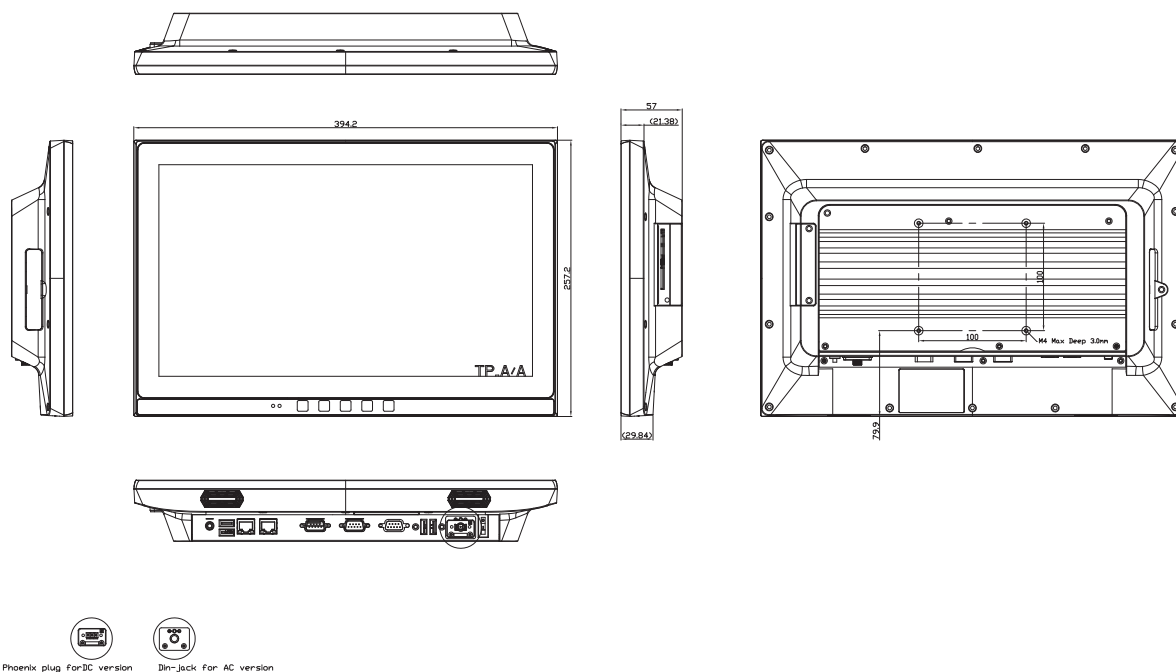
Optional EOS Installation

WES7
WES8

Optional OS Installation

Windows® 7
Windows® 8.1

Dimensions

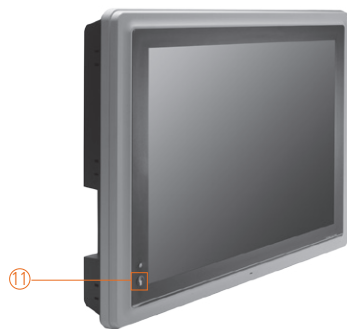


MPC152-832

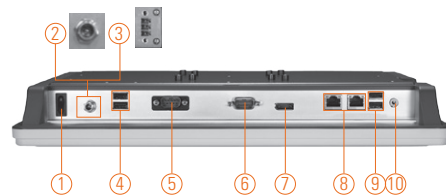
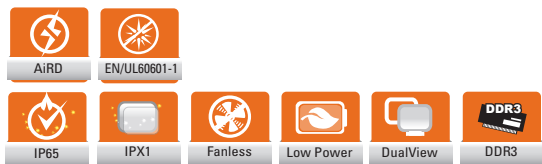
15" XGA TFT Medical Grade Fanless Touch Panel Computer with Intel® Atom™ Processor D2550

Features

- 15" XGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Atom™ processor D2550
- UL 60601-1, EN 60601-1, CE and FCC class B certified
- IP65 front bezel and IPX1 full enclosure water/dust proof design
- One On/Off touch key
- Ultra slim thickness of 54.6 mm
- Super light weight of 3.2 kg
- Supports optional panel mount/wall mount/VESA arm/desktop stand



▲ Side view



1. Power switch (ATX)
2. Screw conn. w/ AC power adapter or
3. Terminal block for DC power input
4. USB 2.0 x 2
5. Isolation COM 3 (RS-232)
6. COM 1 (RS-232/422/485)
7. DisplayPort
8. Ethernet x 2
9. USB 2.0 x 2
10. Audio (Line-out)
11. Touch On/Off button

Introduction

The MPC152-832 is a 15" Intel® Atom™-based medical fanless grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts whole system IPX1 and front IP65 waterproof design which protects the entire system from outside liquid, preventing system from crashing. The cost-effective panel PC supports Intel® Atom™ processor D2550 1.86 GHz.

Super Slim & Ultra Lightweight Design

The MPC152-832 is a super slim touch panel computer for space-limited environment with its thickness of 54.6 mm and weight of 3.2 kg. Besides, it provides two types of power input. One is medical grade AC medical power adapter with screw type connector, and the other is DC power input (10~30 VDC) with terminal block connector (optional).

Built-in Internal WLAN

The MPC152-832 provides a PCI Express Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the 15-inch medical computer in a wireless LAN/GPRS/ GSM/4G environments.

Certifications

This medical panel platform complies with UL 60601-1, EN 60601-1, CE, FCC Class B certifications to ensure medical operation safety.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight
	Brightness (cd/m ²)	400 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/140°
Main System	CPU	Intel® Atom™ processor D2550 dual-core @1.86 GHz
	Chipset	Intel® NM10
	System Memory	1 x 204-pin DDR3-800/1066 MHz SO-DIMM, up to 4GB
	BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 (COM 3 w/4KV isolation) 1 x RS-232/422/485 (COM 1) 1 x DisplayPort 1 x Audio (Line-out) 4 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x PCI Express Mini Card slot
Touch screen	Resistive type One touch key on/off
Power Supply	1. AC version: medical grade 100-240 V AC-DC, 60 W power adapter 2. DC version: 10~30 VDC with terminal block
Dimensions	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D) x 307.7 mm (12.11") (H)
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)
Weight(net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for CFast™
Certificate	CE, FCC class B, UL 60601-1, EN 60601-1

* The DC power source to be used with MPC152-832 must be galvanically isolated according to IEC 60601-1 safety of medical devices!

Ordering Information

Standard	
MPC152-832-J	15" XGA medical fanless touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen, AC-DC 60 W medical grade power adapter (screw type connector), EMI class B, UL 60601-1 and EN 60601-1 certified
MPC152-832-DC	15" XGA medical fanless touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen, 10~30 VDC power input (terminal block connector), UL 60601-1 and EN 60601-1 certified

Optional

Wi-Fi + Bluetooth kit
Panel mount kit

* Specifications and certifications may vary contingent on options.

Optional EOS Installation

WES7

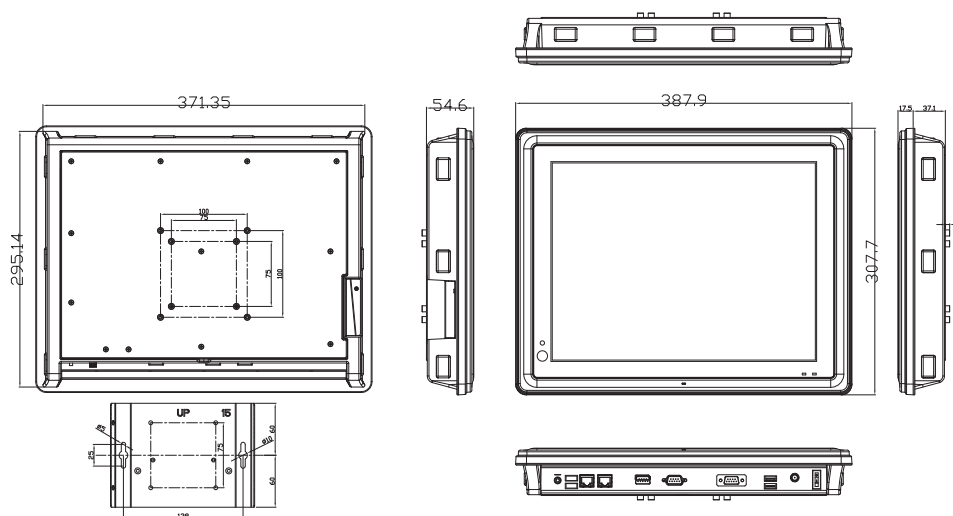
WES

Optional OS Installation

Windows® 7

Windows® XP

Dimensions

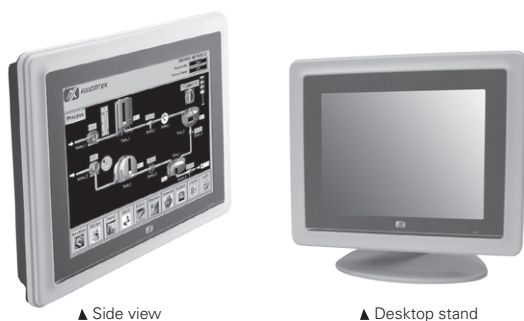


MPC102-845 NEW

10.4" SVGA TFT Medical Grade Panel Computer with Intel® Celeron® Processor N3060

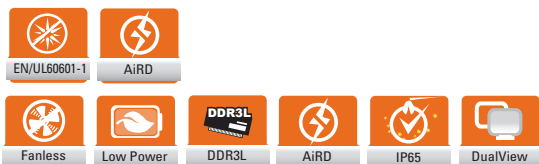
Features

- 10.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor N3060
- EN 60601-1 and CE certified
- IP65 front bezel and IPX1 full enclosure water/dust proof design
- One on/off touch key
- Ultra slim thickness of 45.8 mm
- Super light weight of 1.8 kg
- Supports optional panel mount/wall mount/VESA arm/desktop stand



▲ Side view

▲ Desktop stand



Introduction

The MPC102-845 is a 10.4" Intel® Celeron™-based medical fanless grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts whole system IPX1 and front IP65 waterproof design which protects the entire system from outside liquid, preventing system from crashing. The cost-effective panel PC supports Intel® Celeron™ processor N3060.

Super Slim & Ultra Lightweight Design

The MPC102-845 is a super slim touch panel computer for space-limited environment with the thickness of 45.8 mm and weight of 1.8 kg. Besides, it provides two types of power input. One is medical grade AC medical power adapter with screw type connector, and the other is DC power input (9~36 VDC) with terminal block connector (optional).

Built-in Internal WLAN Antenna

The MPC102-845 provides a PCI Express Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the MPC102-845 in a wireless LAN/GPRS/ GSM/4G environments.

Certifications

This 10.4-inch medical panel platform complies with EN 60601-1 and CE Class B certifications to ensure medical operation safety.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	400 nits (SVGA)
	Resolution	800 x 600 (SVGA)
	Viewing Angel (H/V)	140°/120°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" HDD 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 (COM 2 w/4KV isolation) 1 x RS-232/422/485 (default RS-232; COM 1) 1 x Audio (Line-out) 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Supply	1. AC version: 100~240 V AC-DC, 60 W power adapter or 2. DC version: 9~36 VDC with over current protection fuse
Power Consumption	32 W
Dimension	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Operation vibration: 2G, 5 ~ 500Hz, random for mSATA
Certificate	CE, EN 60601-1

Optional EOS Installation

WES 7
WE8S (64-bit)

Optional OS Installation

Windows® 7
Windows® 8.1 (64-bit)
Windows® 10

Ordering Information

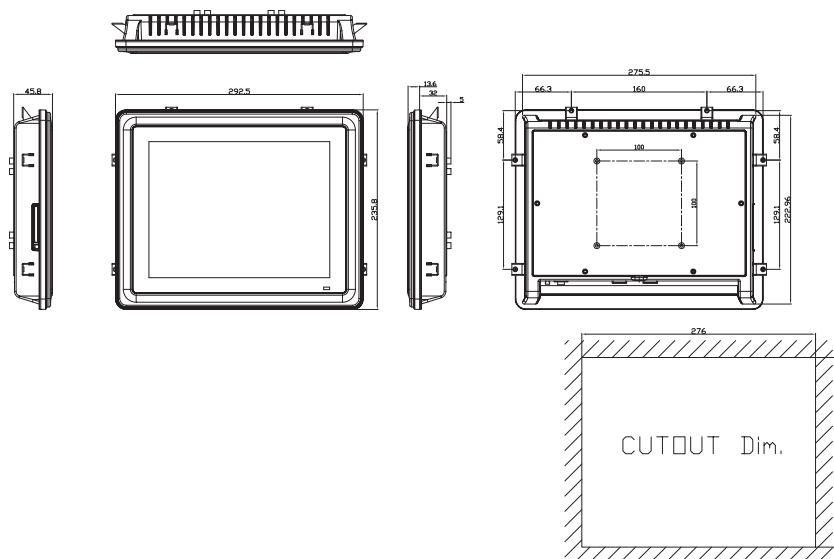
Standard	
MPC102-845-J	10.4" SVGA medical fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60 W medical grade power adapter (screw type connector), EMI class B and EN 60601-1 certified
MPC102-845-DC	10.4" SVGA medical fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, 9~36 VDC power input (terminal block connector), UL 60601-1 and EN 60601-1 certified

Optional

Wi-Fi + Bluetooth kit
Panel mount kit
VESA mount kit
Stand kit
Speaker kit
RFID kit

* Specification and certifications are based on requirements and may vary.

Dimensions



MPC102-832

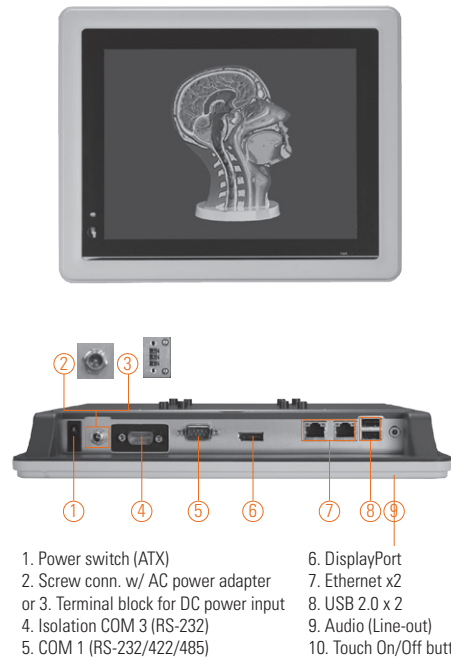
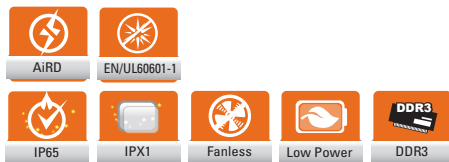
10.4" SVGA TFT Medical Grade Fanless Touch Panel Computer with Intel® Atom™ Processor N2600

Features

- 10.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Atom™ processor N2600
- UL 60601-1, EN 60601-1, CE and FCC certified
- IP65 front bezel and IPX1 full enclosure water/dust proof design
- One on/off touch key
- Ultra slim thickness of 45.8 mm
- Super light weight of 1.8 kg
- Supports optional panel mount/wall mount/VESA arm/desktop stand



▲ Side view



Introduction

The MPC102-832 is a 10.4" Intel® Atom™-based medical fanless grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts whole system IPX1 and front IP65 waterproof design which protects the entire system from outside liquid, preventing system from crashing. The cost-effective panel PC supports Intel® Atom™ processor N2600 1.6 GHz.

Super Slim & Ultra Lightweight Design

The MPC102-832 is a super slim touch panel computer for space-limited environment with the thickness of 45.8 mm and weight of 1.8 kg. Besides, it provides two types of power input. One is medical grade AC medical power adapter with screw type connector, and the other is DC power input (10~30 VDC) with terminal block connector (optional).

Built-in Internal WLAN Antenna

The MPC102-832 provides a PCI Express Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the MPC102-832 in a wireless LAN/GPRS/ GSM/4G environments.

Certifications

This 10.4-inch medical panel platform complies with UL 60601-1, EN 60601-1, CE, FCC Class B certifications to ensure medical operation safety.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" SVGA TFT LCD with LED backlight
	Brightness (cd/m ²)	400 nits
	Resolution	800 x 600
	Viewing Angle (H/V)	140°/120°
Main System	CPU	Intel® Atom™ processor N2600 dual-core @1.6 GHz
	Chipset	Intel® NM10
	System Memory	1 x 204-pin DDR3-800/1066 MHz SO-DIMM, up to 2GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-slim SATA SSD 1 x CFast™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	1 x RS-232 (COM 3 w/4KV isolation) 1 x RS-232/422/485 (COM 1) 1 x DisplayPort 1 x Audio (Line-out) 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x PCI Express Mini Card slot
Touch screen	Resistive type
Power Supply	1. AC version: medical grade 100-240 V AC-DC, 60 W power adapter 2. DC version: 10-30 VDC with terminal block
Dimensions	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)
Weight(net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Operation vibration: 2G, 5 ~ 500Hz, random for CFast™
Certificate	CE, FCC class B, UL 60601-1, EN 60601-1

* The DC power source to be used with MPC102-832 must be galvanically isolated according to IEC60601-1 safety of medical devices!

Ordering Information

Standard	
MPC102-832-J	10.4" SVGA medical fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen, AC-DC 60 W medical grade power adapter (screw type connector), EMI class B, UL 60601-1 and EN 60601-1 certified
MPC102-832-DC	10.4" SVGA medical fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen, 10-30 VDC power input (terminal block connector), UL 60601-1 and EN 60601-1 certified

Optional

Wi-Fi + Bluetooth kit
Panel mount kit

* Specification and certifications are based on requirement and may vary.

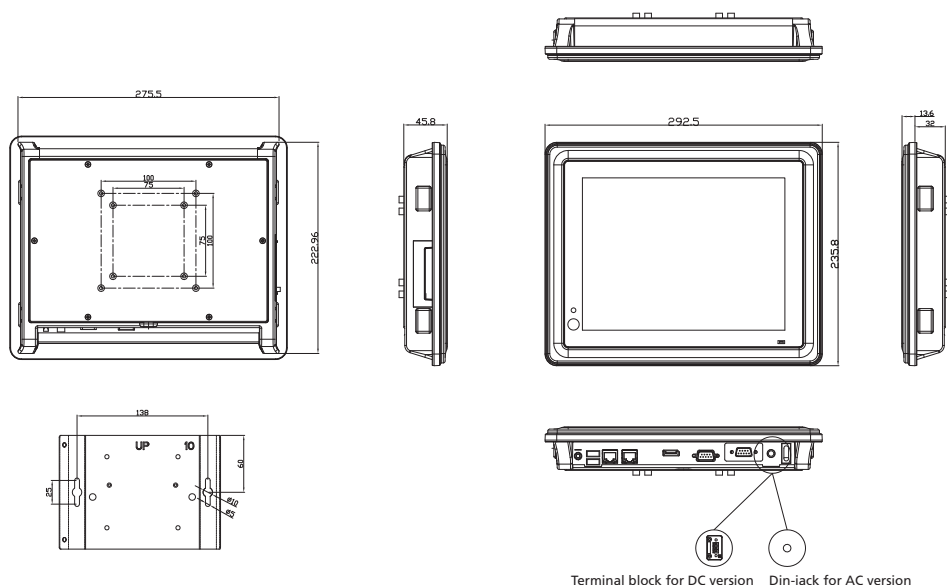
Optional EOS Installation

WES7
WES

Optional OS Installation

Windows® 7
Windows® XP

Dimensions



Self Check-in Area

- ▶ Overview
- ▶ Fanless Touch Panel Computers
- ▶ Heavy-duty Fanless Touch Panel Computers
- ▶ Stainless Touch Panel Computers
- ▶ Transportation Touch Panel Computers
- ▶ Industrial Panel Computers
- ▶ Industrial Touch Monitors
- ▶ Medical Panel Computers
- ▶ Open Frame Panel Computers
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Touch Panel Computers

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Open Frame Panel Computers

Axiomtek's FDK series is designed for immediate integration and can be widely deployed in indoor kiosk, HMI (Human Machine Interface) automation, and many more applications. It provides exceptional configuration flexibility which can be easily configured in many ways. The slim ID can fit into any space or be encased in any chassis; the FDK series comes with a front panel open frame design, available currently in 17" and 19" LCD sizes. It features Intel® Atom™ and Celeron® processors, making it a power saving and cost-effective solution.

Introduction		703
Selection Guide		704
FDK191-832	19" SXGA TFT Open Frame Panel Computer with Intel® Atom™ Processor D2550	705
FDK172-834	17" SXGA TFT Open Frame Panel Computer with Intel® Celeron® Processor J1900	707

Open Frame Panel Computers

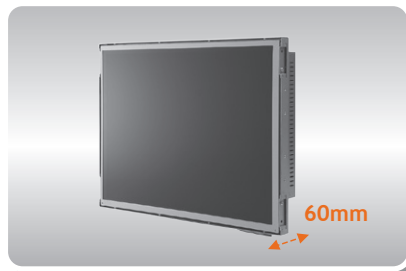
The FDK series is a cost-effective open frame panel computer solution featuring Intel® Atom™ or Celeron® processor onboard and LCD sizes of 17" and 19". In response to demand of using in space-limited application, the FDK series adopts ultra slim design with streamlined mechanical layout ideal for indoor kiosk, HMI automation, and much more. To accommodate a wide array of vertical market applications, the FDK series provides exceptional solution flexibility which can be easily configured in many ways to deliver the best ROI for its customers.

- Flexible front panel open frame design to meet various application requirements
- 17"/19" TFT LCD displays available
- Supports low power Intel® Celeron® processor J1900 2.0 GHz
- Optional touchscreen
- VESA/open frame mounting ways

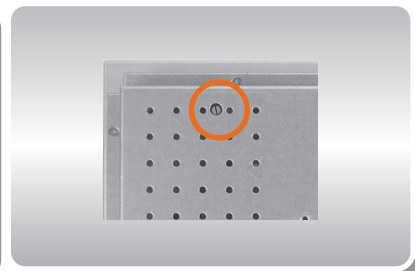
Major Features



▲ Open frame design for easy installation



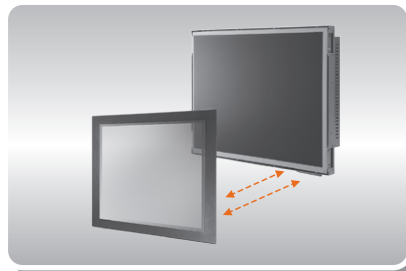
▲ Ultra slim design



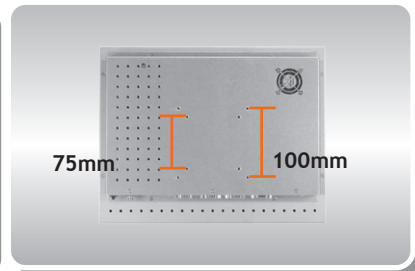
▲ Brightness adjustment knob



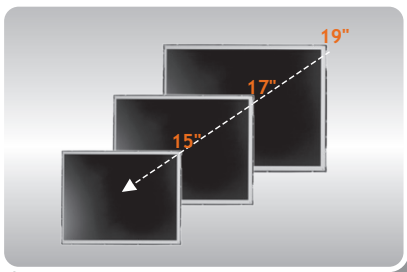
▲ Easy access CF with protective cover



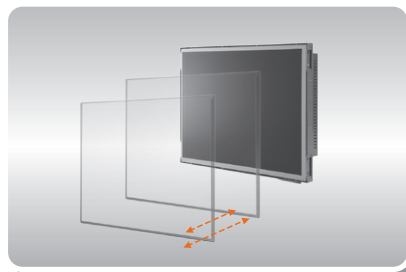
▲ Changeable front bezel



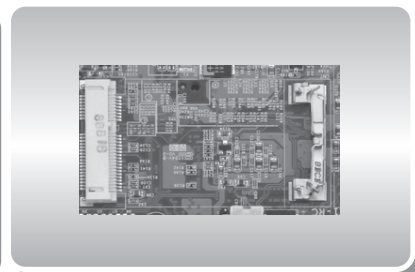
▲ VESA/open frame mounting



▲ Various LCD options



▲ Various touchscreen options



▲ Mini card expansion for Wi-Fi & 3G

Open Frame Panel Computers

Selection Guide



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Features/Models	FDK191-832	FDK172-834
CPU Level	Intel® Atom™ processor D2550 1.86 GHz	Intel® Celeron® processor J1900 2.0 GHz
LCD Panel	19" SXGA TFT LCD 250 nits 1280 x 1024	17" SXGA TFT LCD 250 nits 1280 x 1024
Chipset	Intel® NM10	SoC integrated
System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM, up to 4GB	1 x 204-pin DDR3L-1333 SO-DIMM, up to 8GB
CPU FSB Frequency	533 MHz	N/A
I/O	1 x RS-232/422/485 (COM 1) 2 x RS-232 (COM 2/3) 4 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Line-out) 1 x VGA	4 x RS-232/422/485 (COM 1/2/3/4) 2 x USB 3.0 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™	1 x 2.5" SATA HDD 1 x CFast or mSATA
FDD	N/A	N/A
CD-ROM	N/A	N/A
Expansion	1 x PCIe Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type (optional)	5-wire resistive type (optional)
Operating System	Windows® 7 & Embedded (32-bit)	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	12/24 VDC	9-36 VDC
Power Consumption	36 W	57.60 W
Watchdog Timer	255 levels, 0-255 sec.	255 levels, 0-255 sec.
Dimensions (W x D x H)	404.5 x 63.3 x 332 mm (15.92" x 2.49" x 13.07")	367 x 65 x 304.5 mm (14.45" x 2.6" x 11.99")
Weight (net/gross)	6 kg (13.23 lb)/8.06 kg (17.77 lb)	5.52 kg (12.16 lb)/7.5 kg (16.53 lb)
Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)	0°C ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE

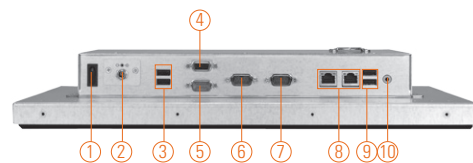


FDK191-832

19" SXGA TFT Open Frame Panel Computer with Intel® Atom™ Processor D2550

Features

- Front panel open frame design
- 19" SXGA TFT LCD display
- Intel® Atom™ processor D2550 1.86 GHz
- Touchscreen (optional)
- Changeable front bezel
- Supports VESA arm and open frame mount



1. Power switch (ATX)
2. 1 x 12VDC power input connector or 24V DC phoenix connector
3. 2 x USB 2.0
4. 1 x VGA
5. COM 3 (RS-232)
6. COM 1 (RS-232/422/485)
7. COM 2 (RS-232)
8. 2 x Ethernet (RJ-45)
9. 2 x USB 2.0
10. 1 x Audio (Line-out)



Introduction

The FDK191-832 is an open frame panel computer with outstanding flexibility, configurable in many ways to deliver best ROI for a variety of applications. It features Intel® Atom™ processor D2550 1.86 GHz with a 19" LCD display supporting up to 1280 x 1024 resolution to provide a very cost effective low power solution.

Ultra Slim Design

Designed to integrate into your custom enclosure, this unit offers an open frame slim design architecture for easy fit. The FDK191-832 is ideal for indoor kiosk, HMI automation, signage and other applications. The system is only 65 mm deep and provides narrow bezel widths of 13-15 mm for space-saving custom bezels and enclosure applications.

Touchscreen Option

A resistive touchscreen option is available for interactive user interface requirements. Optionally, when ordered without touchscreen you get an even lower cost solution for dynamic signage or informational applications.

Brightness Adjustment & PCI Express Mini Card slot

The hidden but accessible brightness adjustment on back cover protects against end user access. One PCI Express Mini Card slot is standard for I/O expansion such as Wi-Fi, 3G connection, or other 3rd party I/O cards.

Specifications

LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1280 x 1024
	Viewing Angle(H/V)	170°/160°
Main System	CPU	Intel® Atom™ processor D2550 1.86 GHz with FSB 533 MHz
	Chipset	Intel® NM10 Express
	System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM, up to 4GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated GFX

Specifications

I/O Connector	1 x RS-232/422/485 (default RS-232; COM 1) 2 x RS-232 (COM 2/3) 2 x 10/100/1000 Mbps Ethernet (Realtek RTL8111E) 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA 1 x VR (brightness adjustment)
Expansion Interface	1 x PCI Express Mini Card slot
Touchscreen	Resistive type (optional)
Power Supply	12/24 VDC
Dimensions	404.5 mm (15.92") (W) x 63.3 mm (2.49") (D) x 332 mm (13.07") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	6 kg (13.23 lb)/ 8.06 kg (17.77 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 10~90%@40°C, non-considering
Certificate	CE

* Specification and certifications are based on options and may vary.

** W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

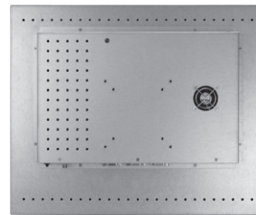
FDK191-832-R-DC	19" SXGA open frame touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen, and 12 or 24 VDC power input (terminal block connector)
FDK191-832-N-DC	19" SXGA open frame panel computer with Intel® Atom™ processor D2550 and 12 or 24 VDC power input (terminal block connector)
50966A23040E	Power adapter, 70 W, 110-230 VAC to 24 VDC

* Specifications and certifications may vary contingent on options.

Optional OS Installation

Windows® 7

WEBS

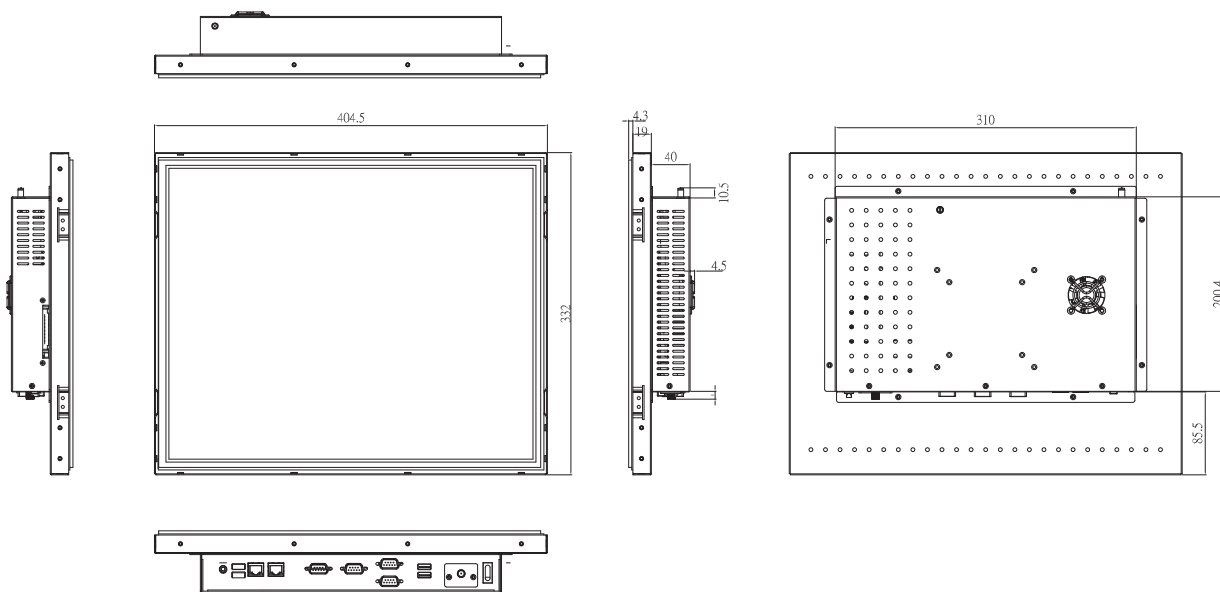


▲ Rear view



▲ Side view

Dimensions

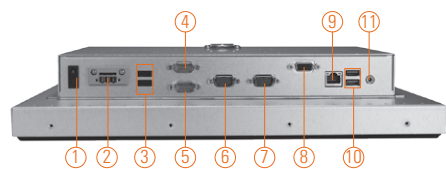
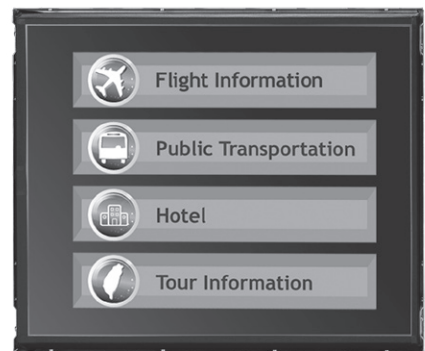


FDK172-834

17" SXGA TFT Open Frame Panel Computer with Intel® Celeron® Processor J1900

Features

- Front panel open frame design
- Outstanding configuration flexibility delivering best ROI
- 17" SXGA TFT LCD display
- Intel® Celeron® processor J1900 2.0 GHz (Bay Trail-D)
- Touchscreen optional
- Changeable front bezel
- Supports VESA arm and open frame mount
- Dual PCI Express Mini card slots
- Adjust RS-232/422/485 via BIOS



- | | |
|--|---------------------------|
| 1. Power switch (ATX) | 6. COM 1 (RS-232/422/485) |
| 2. Terminal block for DC power input or screw conn. w/AC adapter | 7. COM 2 (RS-232/422/485) |
| 3. USB 2.0 x 2 | 8. VGA x 1 |
| 4. COM 3 (RS-232/422/485) | 9. Ethernet x 1 (RJ-45) |
| 5. COM 4 (RS-232/422/485) | 10. USB 3.0 x 2 |
| | 11. Audio x 1 (Line-out) |

Introduction

The FDK172-834 is an open frame panel computer with outstanding flexibility, configurable in a variety of ways to deliver best ROI for a variety of applications. It features Intel® Celeron® processor J1900 2.0 GHz with a 17" LCD display with up to 1280 x 1024 resolution, providing a very cost effective low power solution.

Slim design

Designed to integrate into your custom enclosure, this 17-inch open frame unit offers an open frame slim design architecture for easy fit. The FDK172-834 is ideal for indoor kiosk, HMI, automation, signage and other applications. The system is only 65 mm deep and provides narrow bezel widths of 13-15 mm for space-saving custom bezels and enclosure applications.

Touchscreen option

A resistive touchscreen option is available for interactive user interface requirements. Optionally, when ordered without touchscreen you get an even lower cost solution for dynamic signage or informational applications.

RS-232/422/485 adjustment & PCIe Mini Card slot

It is user friendly to adjust RS-232/422/485 setting via BIOS instead of adjusting it via jumper. Dual PCI Express Mini Card slots are standard for I/O expansion such as Wi-Fi, 3G connection, or other 3rd party I/O cards.

Specifications

LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m²)	250 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	170°/160°
Main System	CPU	Intel® Bay Trail-D Celeron® processor J1900 4C@2.0 GHz
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® GFX

Specifications

I/O Connector	4 x RS-232/422/485 (default RS-232; COM 1/2/3/4) 1 x 10/100/1000 Mbps Ethernet (Intel® 210IT) 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out) 1 x VGA
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	Resistive type (optional)
Power Supply	1. DC version: 12-36VDC with over-current protection fuse 2. AC version: 100-240V AC-DC 60W power adapter
Power Consumption	57.60W
Dimensions	367 mm (14.45") (W) x 65 mm (2.6") (D) x 304.5 mm (11.99") (H) (FDK172-834-N, without touch) 367 mm (14.45") (W) x 69.8 mm (2.74") (D) x 304.5 mm (11.99") (H) (FDK172-834-R, with touch)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	5.52 kg (12.16 lb)/7.5 kg (16.53 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 10% ~ 90% @ 40°C, non-condensing
Certificate	CE

* Specification and certifications are based on options and may vary.

** W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

FDK172-834-R-DC	17" SXGA open frame touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, and 12-36 VDC power input (terminal block connector)
FDK172-834-N-DC	17" SXGA open frame panel computer with Intel® Celeron® processor J1900 and 12-36 VDC power input (terminal block connector)

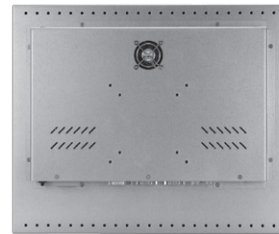
* Specifications and certifications may vary contingent on options.

Optional OS Installation

WES7

WE8S

Windows® 8 & Windows® 7

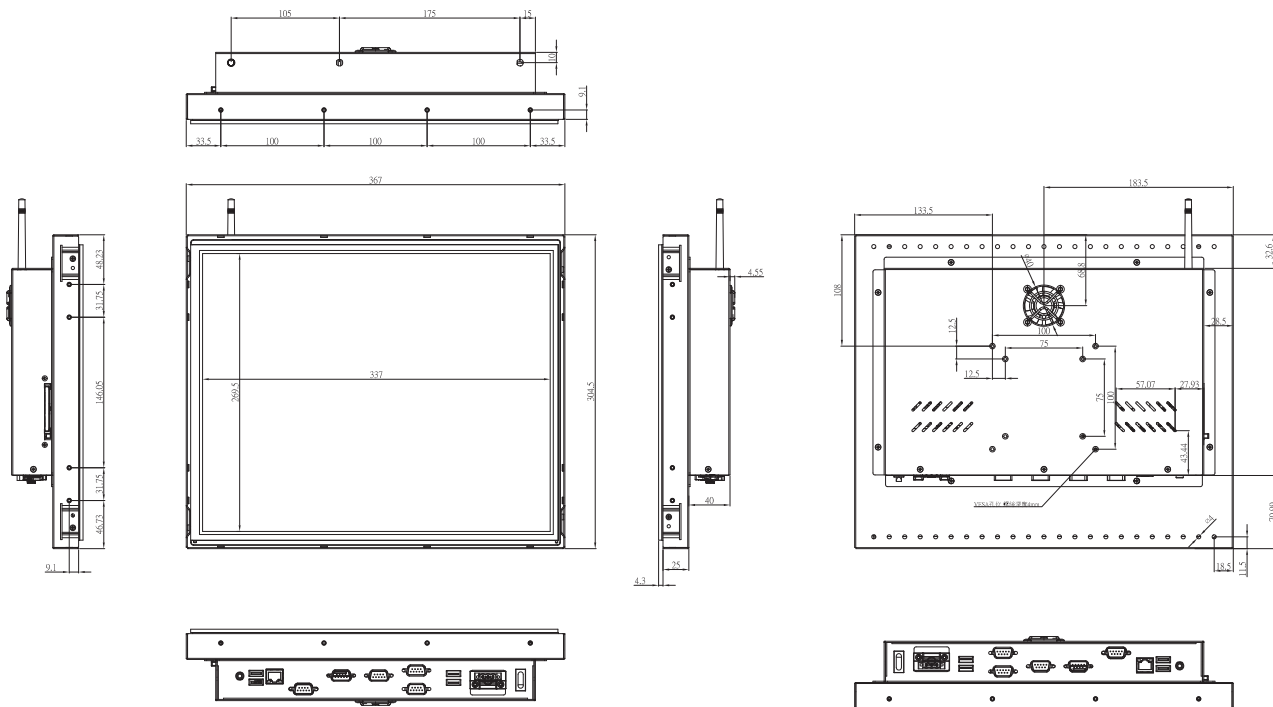



▲ Rear view



▲ Side view

Dimensions



- 
- ▶ Overview
 - ▶ Fanless Touch Panel Computers
 - ▶ Heavy-duty Fanless Touch Panel Computers
 - ▶ Stainless Touch Panel Computers
 - ▶ Transportation Touch Panel Computers
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 - ▶ Open Frame Panel Computers
 - ▶ Accessories

Touch Panel Computers

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Accessories

Axiomtek provides a full range of accessories for touch panel computers, such as desktop stand, VESA/rack/wall mount kit, HDD kit and many more.

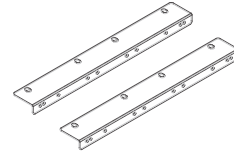
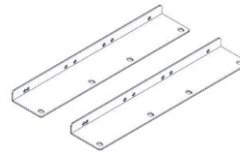
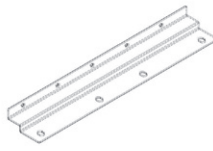
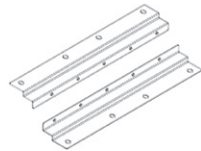
Accessory List

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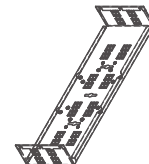
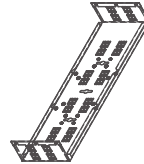
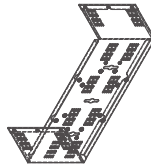
Accessory List



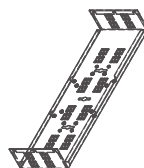
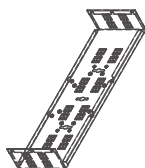
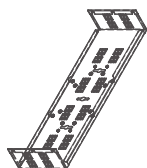
Part Number	E222175103	E228170100	E225840102	82018400060E
Accessory Description	Dark stand	Light stand	Dark stand	Dark stand
Applied for	OFF215, OFF240, IF02170, IF02175, IF02225	MPC175, MPC225, IF02175, IF02225	GOT-5xxxT-832/834 series	GOT-3840TL



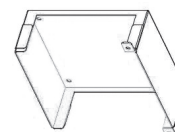
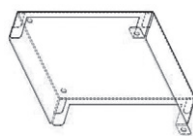
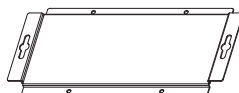
Part Number	82011750110E	72615300820E	82211570060E	82211770070E
Accessory Description	Rack mount kit	Rack mount kit	Rack mount kit	Rack mount kit
Applied for	P6178	P6153	P1157S, P1157E	P1177S, P1177E



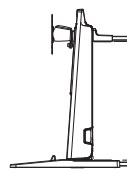
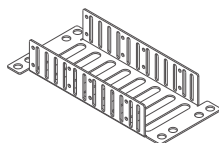
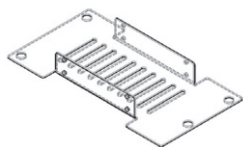
Part Number	82238400800E	82211270060E	82211570050E	82211570100E
Accessory Description	VESA and wall mount kit	VESA & wall mount kit	VESA & wall mount kit	VESA & wall mount kit
Applied for	GOT-3840TL	P1127E	P1157S	P1157E



Part Number	82211770060E	82211770120E	82211970070E	82261900070E
Accessory Description	VESA & wall mount kit	VESA & wall mount kit	VESA & wall mount kit	Wall mount & desktop stand
Applied for	P1177S	P1177E	P1197E	P6192



Part Number	82061522100E	82231770050E	E201840102	E201840101
Accessory Description	Wall mount & desktop stand	Wall mount Kit	1-slot PC/104 cover	2-slot PC/104 cover
Applied for	P6122, P6153, P6158, P6173, P6178	GOT3000	GOT-3840TL	GOT-3840TL



Part Number	82011750130E	72211571000E	E983100017
Accessory Description	2 x 2.5" HDD kit	2 x 2.5" HDD kit	VESA (75&100mm) desktop stand (Black)
Applied for	P1177S, P1177E	P1157S, P1157E	GOT, P1000, P6000 Series



NOTES