



2017

Network Appliance



COMPACT NETWORK APPLIANCES
RACKMOUNT NETWORK APPLIANCE
LAN MODULES

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Network Appliances

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Network Appliances

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SOHO Network Appliances

Axiomtek's SOHO- (Small Office and Home Office) network appliance platforms with edges of compact size, fantastic enclosure management capability, strict electromagnetic compatibility for class B, fanless and noiseless operation, energy saving, reasonable performance, and multiple Ethernet ports, are suitable for various environments and applications in space-limited environments. Axiomtek's SOHO- NA provides not only reasonable performance and reliable hardware platforms, but also system development kits for software integration.

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SOHO Network Appliances

Selection Guide



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Features \ Models		NA345	NA343	NA342
Form Factor		1U Desktop	1U Desktop	1U Desktop
Processor		Intel® Atom™ x5-E3930 (2C, up to 1.8 GHz) Intel® Celeron® N3350 (2M Cache, up to 2.4 GHz)	Intel® Celeron® N3060 (2C, up to 2.48 GHz)	Intel® Celeron® J1900 (4C, up to 2.42 GHz)
Chipset		SoC Integrated	SoC Integrated	SoC Integrated
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR3L-1866	DDR3L-1600	DDR3L-1333
	Max Capacity	Up to 8GB non-ECC	Up to 8GB non-ECC	Up to 8GB non-ECC
	Socket	1 x 204-pin SO-DIMM	1 x 204-pin SO-DIMM	1 x 204-pin SO-DIMM
Network Interface	Ethernet	4 x 10/100/1000 Mbps (6 ports by request)	4 x 10/100/1000 Mbps (6 ports by request)	4 x 10/100/1000 Mbps (6 ports by request)
	LAN Bypass	2 pairs (optional)	1 pair (optional)	2 pairs (optional)
	Controllers	Intel® i211	Intel® i211	Intel® i211
	LAN Module	N/A	N/A	N/A
Storage	HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD
	CompactFlash™ / CFast™ / mSATA	1 x mSATA	1 x CFast™	1 x CompactFlash™
I/O	USB	2 x USB 3.0	2 x USB 3.0	1 x USB 2.0, 1 x USB 3.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		12V/5A	12V/5A	12V/5A
Expansion		1 x PCIe Mini Card (USB interface)	1 x PCIe Mini Card (USB interface)	1 x PCIe Mini Card (USB interface)
VGA/HDMI		1 x HDMI	Pin header	Pin header
Fanless		Yes (NA345FL only)	N/A	N/A
Operating Temperature		0°C ~ +40°C (32°F ~ 104°F)	0°C ~ +40°C (32°F ~ 104°F)	0°C ~ +40°C (32°F ~ 104°F)
LCD Module		N/A	N/A	N/A
OS Support		Linux base Win 10, Linux (Yocto project)	Win7, WES7, Win8, WE8S, Linux	Win7, WES7, Win8, WE8S, Linux
Dimensions (H x W x D)		44 x 231.9 x 152 mm (1.73" x 9" x 5.98")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")
Certificates		CE/FCC	CE/FCC	CE/FCC



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Features \ Models		NA362	NA361	NA130	NA110
Form Factor		1U Desktop	1U Desktop	1U Desktop	1U Slim Type
Processor		Intel® Atom™ C3000	Intel® Atom™ C2358 (2C, up to 1.7 GHz) (NA361FL by request)	AMD G-series LX processor	AMD G-series T24L
Chipset		SoC Integrated	SoC Integrated	SoC Integrated	AMD A50M
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4	DDR3-1600	DDR3L-1600	DDR3L-1600
	Max Capacity	Up to 64GB non-ECC/ECC	Up to 16GB non-ECC/ECC	Up to 8GB non-ECC	Up to 4GB non-ECC
	Socket	2 x 288-pin R-DIMM/U-DIMM	2 x 240-pin U-DIMM	1 x 204-pin SO-DIMM	1 x 204-pin SO-DIMM
Network Interface	Ethernet	6 x 10/100/1000 Mbps 4 x 10G SFP+	6 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps (6 ports by request)	4 x 10/100/1000 Mbps
	LAN Bypass	1 pair (optional)	2 pairs (optional)	1 pair (optional)	1 pair (optional)
	Controllers	Intel® i210 & Marvell88E1514	Intel® i354 & i210	Realtek 8111G	Realtek 8111E
	LAN Module	N/A	N/A	N/A	N/A
Storage	HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD
	CompactFlash™ / CFast™ / mSATA	1 x mSATA	1 x CompactFlash™	1 x mSATA	1 x CompactFlash™
I/O	USB	2 x USB 2.0	2 x USB 2.0	2 x USB 3.0	2 x USB 2.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x DB9
Power Supply		12V/5A	12V/5A	12V/5A	12V/5A
Expansion		1 x PCIe Mini Card (USB interface)	1 x PCIe Mini Card (USB interface)	2 x PCIe Mini Card (USB interface)	1 x PCIe Mini Card
VGA/HDMI		N/A	N/A	1 x HDMI	PCIe Mini VGA module (optional)
Fanless		N/A	N/A	N/A	Yes
Operating Temperature		0°C ~ +40°C (32°F ~ 104°F)	0°C ~ +40°C (32°F ~ 104°F)	0°C ~ +40°C (32°F ~ 104°F)	0°C ~ +40°C (32°F ~ 104°F)
LCD Module		N/A	N/A	N/A	N/A
OS Support		Yocto, Linux	Yocto, Linux	Linux Kernel 3.0, FreeBSD	Linux Kernel 2.6
Dimensions (H x W x D)		44 x 231 x 197 mm (1.73" x 9.09" x 7.76")	44 x 231 x 197 mm (1.73" x 9.09" x 7.76")	44 x 231.9 x 152 mm (1.73" x 9" x 5.98")	30 x 230 x 151.5 mm (1.18" x 9.05" x 5.96")
Certificates		CE/FCC	CE/FCC	CE/FCC	CE/FCC

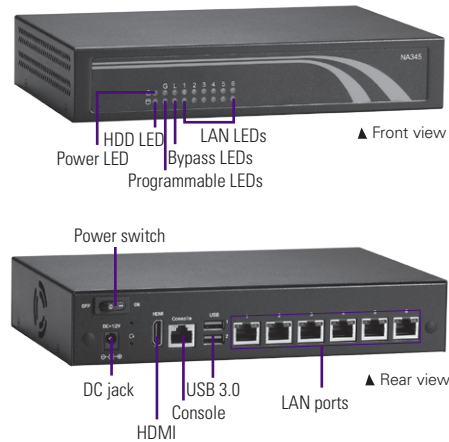


NA345 NEW

Desktop Network Appliance Platform with Intel® Atom™ x5-E3930 Processor/
Celeron® Processor N3350 and 4 LANs

Features

- Intel® Atom™ x5-E3930 Processor/Celeron® Processor N3350 (Apollo Lake)
- One DDR3L-1866 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Wi-Fi/3G/LTE through PCI Express Mini Card for optional
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	Intel® Atom™ x5-E3930 processor (Apollo Lake) Intel® Celeron® Processor N3350 (Apollo Lake)
Chipset	SoC Integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA 3 HDD 1 x mSATA
Network Interface	4 x 10/100/1000 Mbps Ethernet (Intel® i211, optional 6 ports by request) 2 pairs LAN Bypass (optional)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 4 x RJ-45 1 x HDMI
Other Features	LAN Bypass function through latch relay (two pairs) for optional
Expansion Slot	1 x PCI Express Mini Card (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win 10, Linux (Yocto project)

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/ CE class B

Ordering Information

Standard	
NA345-D4GI-US (P/N: E26E3451xx)	1U desktop network appliance with Intel® Atom™ x5-E3930 processor and 4 GbE LANs
NA345-D4GI-US (P/N: E26E3451xx)	1U desktop network appliance with Intel® Celeron® Processor N3350 and 4 GbE LANs

Optional

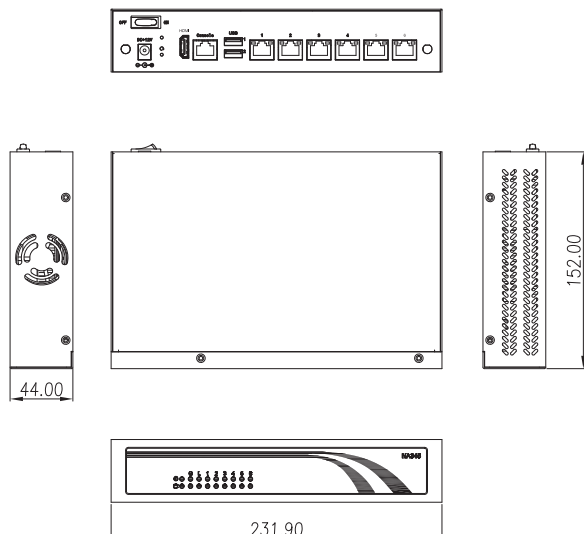
5916E552000E	DB9F- RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



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

NA343

Desktop Network Appliance Platform with Intel® Celeron® Processor N3060
up to 2.48 GHz and 4 LANs

Features

- Intel® Celeron® processor N3060 (Braswell)
- One DDR3L-1600 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Wi-Fi/3G/LTE through PCI Express Mini Card for optional
- Suitable for VPN, network bandwidth controller, firewall applications

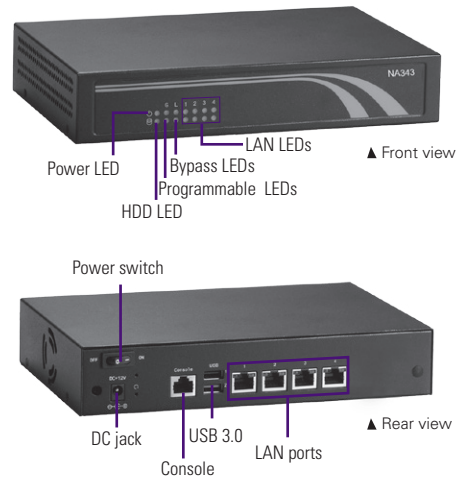


Specifications

System	
CPU	Intel® Celeron® processor N3060 (Braswell)
Chipset	SoC Integrated
Memory	1 x DDR3L-1600 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CFast™ 1 x mSATA (optional)
Network Interface	4 x 10/100/1000 Mbps Ethernet (Intel® i211, optional 6 ports by request) 1 pair LAN Bypass (optional)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 4 x RJ-45
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	1 x PCI Express Mini Card (USB interfaces)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win7, WES7, Win8, WE8S, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight(net/gross)	2.5 kg (5.51 lb)/2.9 kg (6.39 lb)
Certificates	FCC class B/ CE class B



Ordering Information

Standard	
NA343-D4GI-US (P/N: E26E343100)	1U desktop network appliance with Intel® Celeron® processor N3060 and 4 GbE LANs

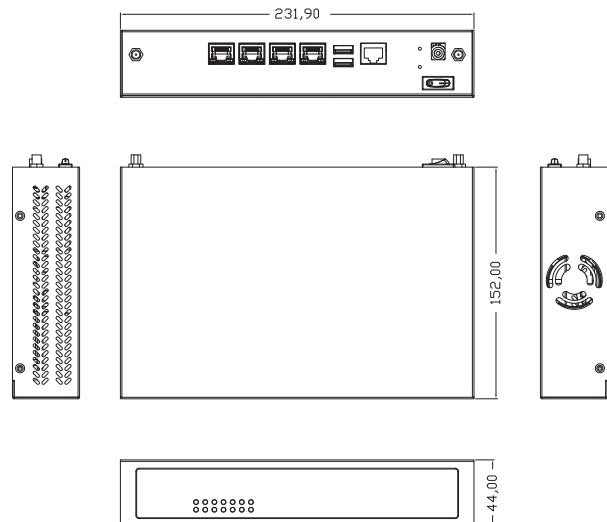
Optional	
5916E552000E	DB9F- RJ-45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



NA342

Desktop Network Appliance Platform with Intel® Celeron® Processor J1900
up to 2.42 GHz and 4 LANs

Features

- Intel® Celeron® processor J1900 (Bay Trail)
- One DDR3L-1333 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Wi-Fi/3G/LTE through PCI Express Mini Card for optional
- Suitable for VPN, network bandwidth controller and firewall applications

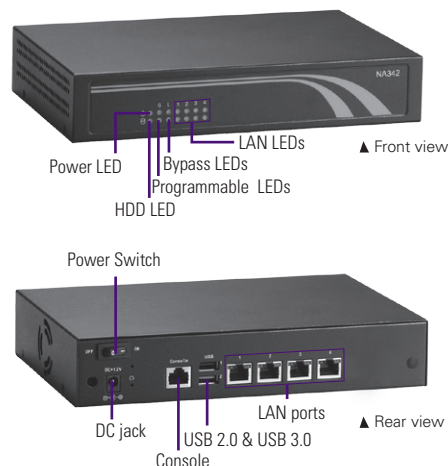


Specifications

System	
CPU	Intel® Celeron® processor J1900 (Bay Trail) Intel® Atom™ processor E3825 (optional)
Chipset	SoC Integrated
Memory	1 x DDR3L-1333 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ type-II
Network Interface	4 x 10/100/1000 Mbps Ethernet (Intel® i211, optional 6 ports by request) 2 pairs LAN Bypass (optional)
I/O Interface	1 x RS-232 (RJ-type) 1 x USB 2.0 1 x USB 3.0 4 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs) for optional
Expansion Slot	1 x PCI Express Mini Card (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Win7, WES7, Win8, WE8S, Linux

Mechanical / Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.5 kg (5.51 lb)/2.9 kg (6.39 lb)
Certificates	FCC class B/ CE class B



Ordering Information

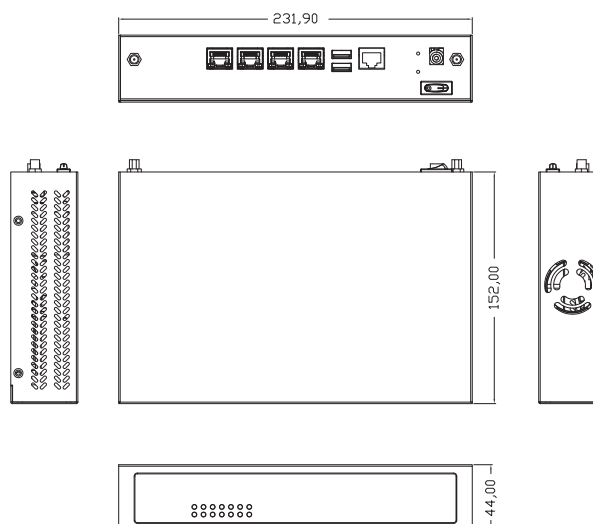
Standard	
NA342-D4GI-US (PN: E26E342103)	1U desktop network appliance with Intel® Celeron® processor J1900 and 4 GbE LANs
Optional	
5916E552000E	DB9F- RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



NA362 NEW

Compact Network Appliance Platform with Intel® Atom™ Processor C3000 Family and up to 10 LANs

Features

- Intel® Atom™ processor C3000 family (Denverton)
- Two DDR4 R-DIMM/U-DIMM, up to 64GB memory
- Six 10/100/1000 Mbps Ethernet ports and four 10 GbE SFP+ ports
- Wi-Fi/3G/LTE through PCI Express Mini Card for optional
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications

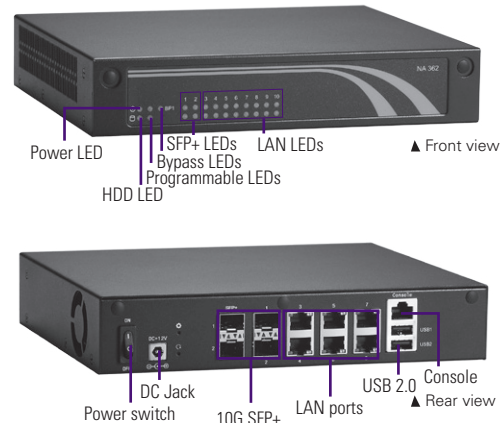


Specifications

System	
CPU	Intel® Atom™ processor C3000 family (Denverton)
Chipset	SoC Integrated
Memory	2 x DDR4 R-DIMM/U-DIMM, up to 64GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA3 HDD 1 x mSATA
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i210 & Marvell88E1514) 4 x 10 GbE SFP+ 1 pair LAN Bypass (optional)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 6 x RJ-45 + 4 x SFP+
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	1 x PCI Express Mini Card (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231 mm (9.09") (W) x 197 mm (7.76")
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/ CE class B



Ordering Information

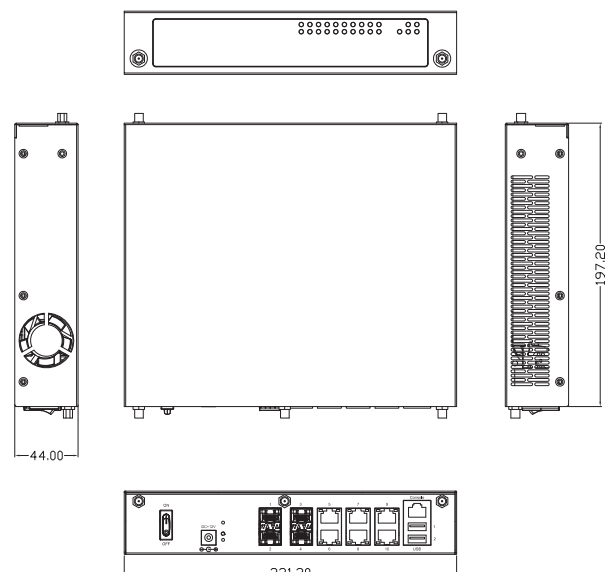
Standard	
NA362-DAMI-US (P/N: E26E362100)	1U compact network appliance with Intel® Atom™ processor C3000 family and up to 6 GbE LANs and 4 fiber ports

Optional	
5916E552000E	DB9F- RJ45 1.8M console cable for Cisco
* Specifications and certifications may vary contingent on options.	

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



NA361

Compact Network Appliance Platform with Intel® Atom™ Processor C2358
up to 1.70 GHz and 6 LANs

Features

- Intel® Atom™ processor C2358 (Rangeley)
- Two DDR3-1600 U-DIMM, up to 16GB memory
- Six 10/100/1000 Mbps Ethernet ports (Intel® i354 & Intel® i210)
- Wi-Fi/3G/LTE through PCI Express Mini Card for optional
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications

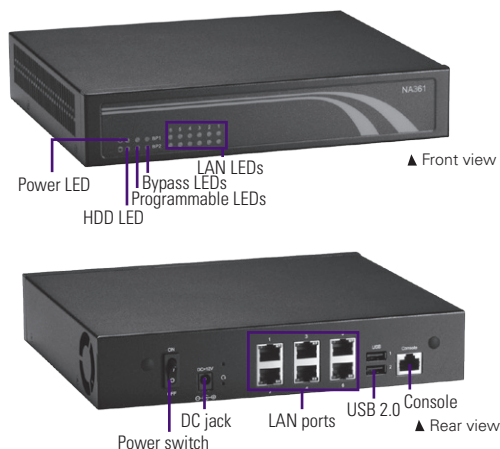


Specifications

System	
CPU	Intel® Atom™ processor C2358 (2-core) (Rangeley)
Chipset	SoC Integrated
Memory	2 x DDR3-1600 U-DIMM, up to 16GB non-buffer non-ECC/ ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ type-II 1 x mSATA (optional) 1 x CFast™ (optional)
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i354 & Intel® i210) 4 x RJ-45 + 2 x SFP (optional) 2 pairs LAN Bypass (optional)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 6 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs) for optional
Expansion Slot	1 x PCI Express Mini Card (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231 mm (9.09") (W) x 197 mm (7.76")
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/ CE class B



Ordering Information

Standard	
NA361-D6GI-CF-US (P/N: E26E361100)	Compact network appliance with Intel® Atom™ processor C2358 and up to 6 GbE LANs

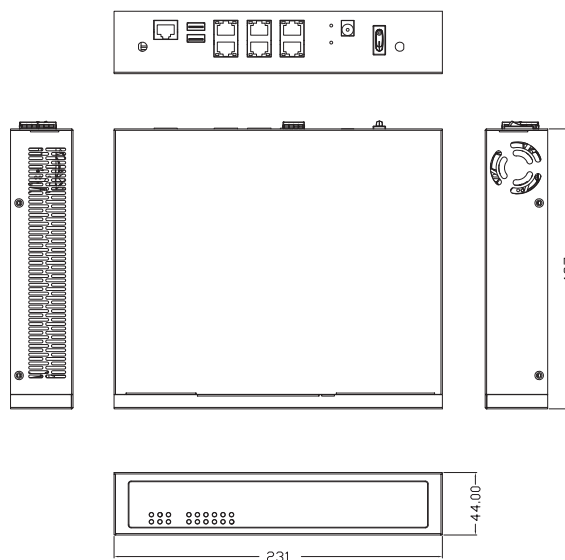
Optional	
5916E552000E	DB9F- RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

- 1 x DC power adapter 12V/5A
- 1 x Power cord
- 1 x SATA cable

Dimensions

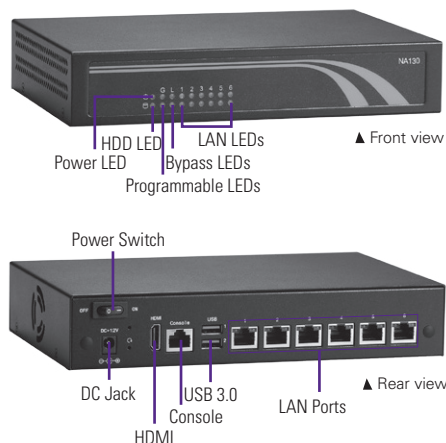


NA130 NEW

Desktop Network Appliance Platform with AMD G-Series LX Processor and 4 LANs

Features

- AMD G-Series LX processor
- One DDR3L-1600 SO-DIMM, up to 8GB memory
- Four 10/100/1000 Mbps Ethernet ports (Realtek 8111G)
- Wi-Fi module through PCI Express Mini Card for optional
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	AMD G-Series LX processor
Chipset	SoC Integrated
Memory	1 x DDR3L-1600 SO-DIMM max. up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x mSATA
Network Interface	4 x 10/100/1000 Mbps Ethernet (Realtek 8111G, optional 6 ports by request) 1 pair LAN Bypass (optional)
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 4 x RJ-45 1 x HDMI
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	2 x PCI Express Mini Card (USB interface)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Linux Kernel 3.0, FreeBSD

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231.9 mm (9.00") (W) x 152 mm (5.98") (D)
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certificates	FCC class B/ CE class B

Ordering Information

Standard	
NA130-D4GI-US (P/N: E26E130100)	1U desktop network appliance with AMD G-series LX processor and 4 GbE LANs

Optional

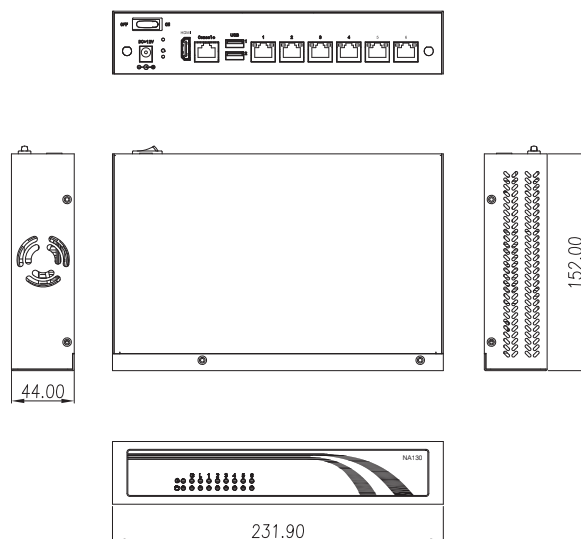
5916E552000E	DB9F- RJ45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions

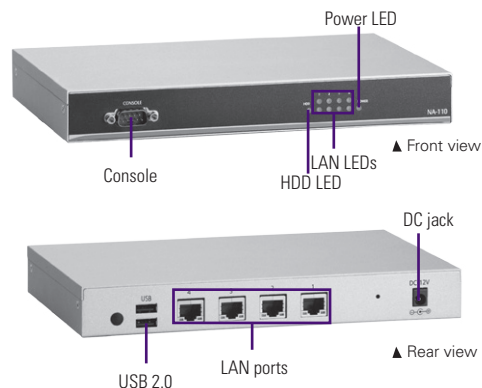


NA110

Fanless Slim-type Network Appliance Platform with AMD G-Series T24L Processor and 4 LANs

Features

- AMD G-Series T24L processor
- One DDR3-1066 SO-DIMM, up to 4GB memory
- Four 10/100/1000 Mbps Ethernet ports (Realtek 8111E)
- Wi-Fi module through PCI Express Mini Card for optional
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	AMD G-Series T24L processor
Chipset	AMD A50M
Memory	1 x DDR3-1066 SO-DIMM, up to 4GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ type-II 1 x CFast™ (optional)
Network Interface	4 x 10/100/1000 Mbps Ethernet (Realtek 8111E) 1 pair LAN Bypass (optional)
I/O Interface	1 x RS-232 (DB9) 2 x USB 2.0 4 x RJ-45
Other Features	LAN Bypass function through latch relay (one pair) for optional
Expansion Slot	1 x PCI Express Mini Card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Linux Kernel 2.6

Mechanical/ Environmental

Form Factor	Slim desktop
LED	Power, HDD, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	30 mm (1.18") (H) x 230 mm (9.05") (W) x 151.5 mm (5.96") (D)
Weight (net/gross)	2.2 kg (4.85 lb)/2.46 kg (5.42 lb)
Certificates	FCC class B/ CE class B

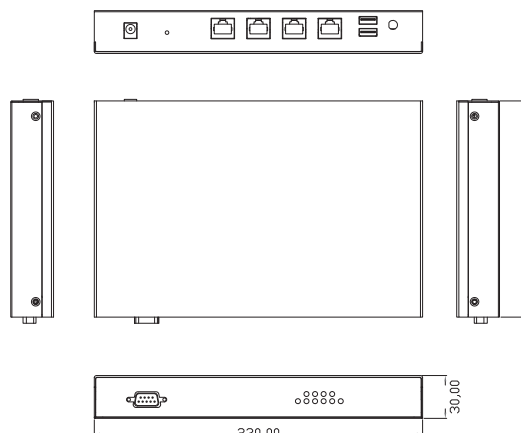
Ordering Information

Standard	
NA110-D4GR-CF-US (P/N: E26E110103)	Fanless network appliance with AMD T24L processor and 4 GbE LANs
Optional	
59463315040E	Console cable 1.8M, M-M round
E9C6200001	PCI Express Mini VGA card
* Specifications and certifications may vary contingent on options.	

Packing List

1 x DC power adapter 12V/5A
1 x Power cord
1 x SATA cable

Dimensions



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SMB Network Appliances

Axiomtek's SMB (small and medium business) network appliance platforms with enterprise grade 1U/2U rackmount form factor, enclosure management capability, designed for scalability and flexible configurations, and come with various combinations of Ethernet modules (1G/10G/40G/Copper/Fiber/Bypass), are suitable for different environments and applications. Axiomtek's SMB- NA provides not only high computing performance and reliable hardware platforms, but also system development kits for software integration.

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NA860 NEW	2U Rack-mount Network Appliance Platform with Dual LGA3647 Sockets Intel® Skylake Server Processors, Intel® C62x (Purley) and up to 66 LANs	735
NA850	2U Rack-mount Network Appliance Platform with Dual LGA2011 Sockets Intel® Xeon® E5-2600 v3 Family Processors, Intel® C612 and up to 42 LANs	736
NA551	2U Rack-mount Network Appliance Platform with LGA1155 Socket Intel® Xeon® E3 Family Processor, Intel® C216, Two 3.5" Hot-swappable HDD and up to 26 LANs	737
NA580	1U Rack-mount Network Appliance Platform with LGA1151 Socket Intel® Xeon® E3/ Core™ Family Processor and 8 LANs	738
NA570	1U Rack-mount Network Appliance Platform with LGA1150 Socket Intel® Xeon® E3/ Core™ Family Processor, Intel® C226 and up to 24 LANs	739
NA560	1U Rack-mount Network Appliance Platform with LGA1155 Socket Intel® Core™ Family Processor, Intel® H61/B65 and up to 8 LANs	740
NA552	1U Rack-mount Network Appliance Platform with LGA1155 Socket Intel® Xeon® E3/ Core™ Family Processor, Intel® C216 and up to 26 LANs	741
NA720 NEW	1U Rack-mount Network Appliance Platform with Intel® Xeon® Processor D-1527/Pentium® Processor D1508 and 10 LANs	742
NA362R	1U Rack-mount Network Appliance Platform with Intel® Atom™ Processor C3000 Family and up to 10 LANs	743
NA361R	1U Rack-mount Network Appliance Platform with Intel® Atom™ Processor C2558 up to 2.40 GHz and 6 LANs	744
NA360	1U Rack-mount Network Appliance Platform with Intel® Celeron® Processor 725C and up to 16 LANs	745
NA345R NEW	1U Rack-mount Network Appliance Platform with Intel® Atom™ x5-E3940 Processor up to 1.8 GHz and 6 LANs	746
NA343R	1U Rack-mount Network Appliance Platform with Intel® Celeron® Processor N3160 up to 2.24 GHz and 6 LANs	747
NA342R	1U Rack-mount Network Appliance Platform with Intel® Celeron® Processor J1900 up to 2.42 GHz and 6 LANs	748

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Features \ Models		NA860	NA850	NA551
Form Factor		2U, 19" Rack-mount	2U, 19" Rack-mount	2U, 19" Rack-mount
Processor		LGA3647 Intel® Skylake server	LGA2011 Intel® Xeon® E5-2600 v3	LGA1155 Intel® Xeon® E3/ Core™ family
Chipset		Intel® C62x	Intel® C612	Intel® C216
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR4-2133	DDR3-1333
	Max Capacity	Up to 384GB non-ECC/ECC	Up to 512GB non-ECC/ECC	Up to 32GB non-ECC/ECC
	Socket	12 x 288-pin R-DIMM	16 x 288-pin R-DIMM	4 x 240-pin U-DIMM
Network Interface	Ethernet (default)	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	14 x 10/100/1000 Mbps
	Ethernet (max.)	66 x 10/100/1000 Mbps	42 x 10/100/1000 Mbps	26 x 10/100/1000 Mbps
	LAN Bypass	Depends on LAN module	Depends on LAN module	Depends on LAN module
	LAN Module	8 NIC slots (Dual CPUs) 4 NIC slots (Single CPU)	5 NIC slots (Dual CPUs) 3 NIC slots (Single CPU)	3 NIC slots
Storage	HDD	2 x 2.5" HDD (hot swappable)	2 x 3.5" HDD (hot swappable)	2 x 3.5" HDD (hot swappable)
	CompactFlash™ / CFast™ / mSATA	1 x mSATA	1 x CompactFlash™	1 x CFast™
I/O	USB	2 x USB 3.0	2 x USB 3.0	2 x USB 2.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		800 W 2U Redundant	650 W 2U Redundant	300 W 2U Redundant
Expansion		1 x PCIe x16	2 x PCIe x16 (optional)	1 x PCIe Mini (32-bit/33 MHz)
VGA		Yes	Yes	Yes
Operating Temperature		0° ~ +45°C (32°F ~ 113°F)	0° ~ +45°C (32°F ~ 113°F)	0°C ~ +45°C (32°F ~ +113°F)
LCD Module		Yes	Yes	Yes
OS Support		Linux Kernel	Linux Kernel	Linux Kernel 2.6
Dimensions (H x W x D)		88 x 430 x 600 mm (3.46" x 16.93" x 23.65")	88 x 430 x 550 mm (3.46" x 16.93" x 21.65")	88 x 427.8 x 500 mm (3.46" x 16.92" x 19.68")
Certificates		CE/FCC	CE/FCC	CE/FCC



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Features \ Models		NA580	NA570/NA570L	NA560/560L	NA552
Form Factor		1U, 19" Rack-mount	1U, 19" Rack-mount	1U, 19" Rack-mount	1U, 19" Rack-mount
Processor		LGA1151 Intel® Xeon® E3/ Core™ family	LGA1150 Intel® Xeon® E3/ Core™ family	LGA1155 Intel® Xeon® E3/ Core™ family	LGA1155 Intel® Xeon® E3/ Core™ family
Chipset		Intel® C236/H110	Intel® C226/H81	Intel® B65/H61	Intel® C216
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR3-1600	DDR3-1333	DDR3-1333
	Max Capacity	Up to 64GB non-ECC/ECC	Up to 32GB non-ECC/ECC	Up to 32GB non-ECC/ECC	Up to 32GB non-ECC/ECC
	Socket	4 x 288-pin R-DIMM (Intel® C236) 2 x 288-pin R-DIMM (Intel® H110)	4 x 240-pin U-DIMM (Intel® C226) 2 x 240-pin U-DIMM (Intel® H81)	4 x 240-pin U-DIMM (Intel® B65) 2 x 240-pin U-DIMM (Intel® H61)	4 x 240-pin U-DIMM
Network Interface	Ethernet (default)	8 x 10/100/1000 Mbps (Intel® C236) 6 x 10/100/1000 Mbps (Intel® H110)	8 x 10/100/1000 Mbps	8 x 10/100/1000 Mbps (Intel® B65) 6 x 10/100/1000 Mbps (Intel® H61)	18 x 10/100/1000 Mbps
	Ethernet (max.)	18 x 10/100/1000 Mbps	24 x 10/100/1000 Mbps	8 x 10/100/1000 Mbps	26 x 10/100/1000 Mbps
	LAN Bypass	2 pairs	2 pairs	2 pairs	Depend on LAN module
	LAN Module	1 NIC slot	2 NIC slots (NA570) 1 NIC slot (NA570L)	N/A	3 NIC slots
Storage	HDD	2 x 2.5" HDD or 1 x 3.5" HDD (optional)	2 x 2.5" HDD or 1 x 3.5" HDD (optional)	2 x 2.5" HDD or 1 x 3.5" HDD (optional)	2 x 2.5" HDD or 1 x 3.5" HDD (optional)
	CompactFlash™ / CFast™ / mSATA	1 x CFast™ 1 x mSATA	1 x CompactFlash™	1 x CompactFlash™	1 x CFast™
I/O	USB	2 x USB 3.0	2 x USB 3.0	2 x USB 2.0	2 x USB 2.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		270 W ATX power 280 W 1U Redundant (optional)	270 W ATX power 200 W 1U Redundant (optional)	270 W ATX power	270 W ATX power 280 W 1U Redundant (optional)
Expansion		1 x PCIe x8 (Intel® C236 only)	1 x PCIe x8 (optional by NA570)	1 x PCIe Mini 1 x PCIe x 8 (optional)	1 x PCIe x4 (optional)
VGA		Pin header	Pin header	Pin header	Pin header
Operating Temperature		0°C ~ +45°C (32°F ~ +113°F) (270W ATX power) 0°C ~ +40°C (32°F ~ 104°F) (280 W 1U Redundant)	0°C ~ +45°C (32°F ~ +113°F) (270W ATX power) 0°C ~ +40°C (32°F ~ 104°F) (200 W 1U Redundant)	0°C ~ +45°C (32°F ~ +113°F)	0°C ~ +45°C (32°F ~ +113°F)
LCD Module		Yes	Yes	Yes	Yes
OS Support		Linux Kernel	Linux Kernel	Linux Kernel 2.6	Linux Kernel
Dimensions (H x W x D)		44 x 430 x 450 mm (1.73" x 16.84" x 20.59")	44 x 430 x 450 mm (NA570) (1.73" x 16.84" x 20.59") 44 x 430 x 392 mm (NA570L) (1.73" x 16.93" x 15.43")	44 x 430 x 392 mm (1.73" x 16.93" x 15.43")	44 x 430 x 450 mm (1.73" x 16.93" x 20.59")
Certificates		CE/FCC	CE/FCC	CE/FCC	CE/FCC



SMB Network Appliances

Selection Guide



Features \ Models		NA720	NA362R	NA361R	NA360
Form Factor		1U, 19" Rack-mount	1U, 19" Rack-mount	1U, 19" Rack-mount	1U, 19" Rack-mount
Processor		Intel® Xeon® D-1527 Intel® Pentium® D1508	Intel® Atom™ C3000	Intel® Atom™ C2558 or C2758	Intel® Celeron® 725C 1.3 GHz/ Intel® Pentium® B915C 1.5 GHz
Chipset		SoC Integrated	SoC Integrated	SoC Integrated	Intel® DH8903C
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR4-2400	DDR4	DDR3-1600	DDR3-1333
	Max Capacity	Up to 128GB non-ECC/ECC	Up to 128GB non-ECC/ECC	Up to 32GB non-ECC/ECC	Up to 16GB non-ECC/ECC
	Socket	4 x 288-pin R-DIMM/U-DIMM	4 x 288-pin R-DIMM/U-DIMM	4 x 240-pin U-DIMM	2 x 240-pin U-DIMM
Network Interface	Ethernet (default)	8 x 10/100/1000 Mbps 2 x 10 GbE SFP+	6 x 10/100/1000 Mbps 4 x 10G SFP+	6 x 10/100/1000 Mbps	8 x 10/100/1000 Mbps
	Ethernet (max.)	26 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps 4 x 10G SFP+	14 x 10/100/1000 Mbps	16 x 10/100/1000 Mbps
	LAN Bypass	2 pairs	1 pair	2 pairs	2 pairs
	LAN Module	2 NIC slots	N/A	1 NIC slot	1 NIC slot
Storage	HDD	2 x 2.5" HDD	2 x 2.5" HDD or 1 x 3.5" HDD (optional)	2 x 2.5" HDD or 1 x 3.5" HDD (optional)	2 x 2.5" HDD or 1 x 3.5" HDD (optional)
	CompactFlash™ / CFast™ /mSATA	1 x mSATA	1 x mSATA	1 x CompactFlash™	1 x CompactFlash™
I/O	USB	2 x USB 3.0	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		270 W ATX 280 W 1U Redundant (optional)	84 W open frame	84 W open frame	270 W ATX power
Expansion		1 x PCIe x8 (optional)	N/A	N/A	1 x PCIe Mini Card (optional) 1 x PCIe x8 (optional)
VGA		Pin header	N/A	N/A	N/A
Operating Temperature		0°C ~ +45°C (32°F ~ +113°F)	0° ~ +45°C (32°F ~ +113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ +40°C (32°F ~ 104°F)
LCD Module		Yes	Yes	Yes	Yes
OS Support		Linux Kernel	Yocto, Linux	Yocto, Linux	Linux Kernel 2.6
Dimensions (H x W x D)		44 x 430 x 391 mm (1.73" x 16.93" x 15.39")	44 x 430 x 250 mm (1.73" x 16.93" x 9.84")	44 x 430 x 250 mm (1.73" x 16.93" x 9.84")	44 x 430 x 450 mm (1.73" x 16.93" x 20.59")
Certificates		CE/FCC	CE/FCC	CE/FCC	CE/FCC



Coming soon



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Features \ Models		NA345R	NA343R	NA342R
Form Factor		1U, 19" Rack-mount	1U, 19" Rack-mount	1U, 19" Rack-mount
Processor		Intel® Atom™ x5-E3940 (4C, up to 1.8 GHz)	Intel® Celeron® N3160 (4C, up to 2.24 GHz)	Intel® Celeron® J1900 (4C, up to 2.42 GHz)
Chipset		SoC Integrated	SoC Integrated	SoC Integrated
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS	AMI SPI Flash BIOS
Memory	Technology	DDR3L-1866	DDR3L-1600	DDR3L-1333
	Max Capacity	Up to 8GB non-ECC	Up to 8GB non-ECC	Up to 8GB non-ECC
	Socket	1 x 240-pin SO-DIMM	1 x 240-pin SO-DIMM	1 x 240-pin SO-DIMM
Network Interface	Ethernet (default)	6 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps
	Ethernet (max.)	6 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps
	LAN Bypass	1 pair	1 pair	1 pair
	LAN Module	N/A	N/A	N/A
Storage	HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD
	CompactFlash™ / CFast™ / mSATA	1 x mSATA	1 x CFast™	1 x CompactFlash™
I/O	USB	2 x USB 3.0	2 x USB 3.0	1 x USB 3.0 1 x USB 2.0
	Console	1 x RJ-45	1 x RJ-45	1 x RJ-45
Power Supply		65 W open frame	65 W open frame	65 W open frame
Expansion		N/A	N/A	N/A
VGA		1 x HDMI	Pin header	Pin header
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)
LCD Module		N/A	N/A	N/A
OS Support		Win 10, Linux (Yocto project)	Win7, WES7, Win8, WE8S, Linux	Win7, WES7, Win8, WE8S, Linux
Dimensions (H x W x D)		44 x 430 x 250 mm (1.73" x 16.93" x 9.54")	44 x 430 x 250 mm (1.73" x 16.93" x 9.54")	44 x 430 x 250 mm (1.73" x 16.93" x 9.54")
Certificates		CE/FCC	CE/FCC	CE/FCC

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NA860 NEW

2U Rack-mount Network Appliance Platform with Dual LGA3647 Sockets Intel® Skylake Server Processors, Intel® C62x (Purley) and up to 66 LANs

Features

- Dual LGA3647 sockets Intel® Skylake server processors
- Twelve DDR4-2400 R-DIMM, up to 384GB
- Max. up to sixty-six 10/100/1000 Mbps Ethernet ports
- Eight expandable LAN modules supporting 1G/10G/Fiber/Copper/Bypass
- Supports 2U redundant power supply
- Supports IPMI/TPM 1.2 (onboard) for optional
- High computing power for SDN, NGFW, IDS, IPS and UTM applications



Specifications

System	
CPU	Dual LGA3647 sockets Intel® Skylake server processors
Chipset	Intel® C62x
Memory	12 x DDR4-2400 R-DIMM, up to 384GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD hot swappable 1 x mSATA 1 x 3.5" SATA HDD (optional)
Network Interface	2 x 10/100/1000 Mbps Ethernet (Intel® i210) Single CPU: 4 x LAN module (optional), max. up to 34 LAN ports Dual CPU: 8 x LAN module (optional), max. up to 66 LAN ports
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 2 x RJ-45 1 x VGA
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion slot	1 x PCIe x16 (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	800 W 2U redundant power supply
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	2U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ 113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 430 mm (16.92") (W) x 600 mm (23.65") (D)
Weight (net/gross)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
Certificates	FCC class A/ CE class A

Ordering Information

Standard	
NA860-R2GI-RC-US (P/N: E26E860100)	2U network appliance with dual Intel® Skylake server processors with 2 GbE LANs and 8 NIC LAN modules supported

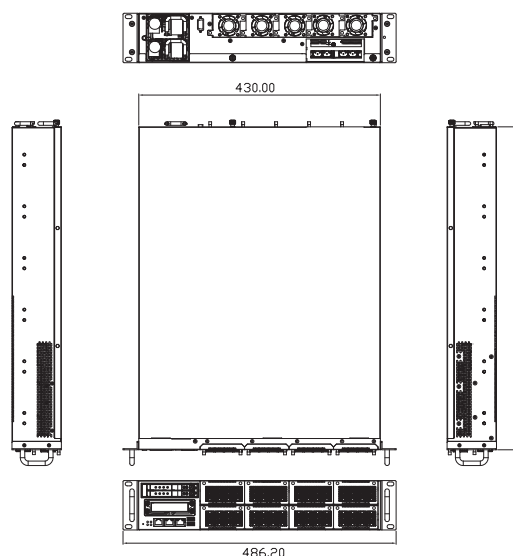
Optional	
5916E552000E	DB9F-RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions



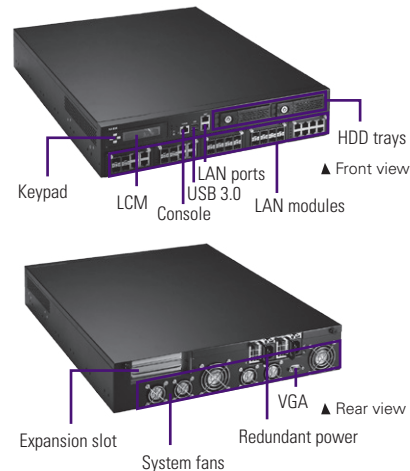
* All specifications and photos are subject to change without notice.

NA850

2U Rack-mount Network Appliance Platform with Dual LGA2011 Sockets
Intel® Xeon® E5-2600 v3 Family Processor, Intel® C612 and up to 42 LANs

Features

- Dual LGA2011 socket-R3 Intel® Xeon® E5-2600 v3 family processor
- Sixteen DDR4-2133 R-DIMM, up to 512GB memory
- Max. up to forty-two 10/100/1000 Mbps Ethernet ports
- Five expandable LAN modules supporting 1G/10G/Fiber/Copper/Bypass
- Supports 2U redundant power supply
- High computing power for SDN, NGFW, IDS, IPS and UTM applications



Specifications

System	
CPU	Dual LGA2011 sockets Intel® Xeon® E5-2600 v3 family processors
Chipset	Intel® C612
Memory	16 x DDR4-2133 R-DIMM, up to 512GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 3.5" SATA HDD, hot swappable 1 x CompactFlash™ type-II 1 x CFast™ (optional)
Network Interface	2 x 10/100/1000 Mbps Ethernet (Intel® i211) Single CPU: 3 x LAN modules (optional), max. up to 26 LANs Dual CPU: 5 x LAN modules (optional), max. up to 42 LANs
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 2 x RJ-45 1 x VGA
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion slot	2 x PCIe x16 (optional) through AX96709 (83967091000E) riser card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	650 W 2U redundant power supply
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	2U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ 113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 430 mm (16.92") (W) x 550 mm (21.65") (D)
Weight (net/gross)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
Certificates	FCC class A/ CE class A

Ordering Information

Standard	
NA850-R2G1-RC-US (P/N: E26E850100)	2U network appliance with dual LGA2011 Intel® Xeon® E5-2600 v3 family processors and 2 GbE LANs

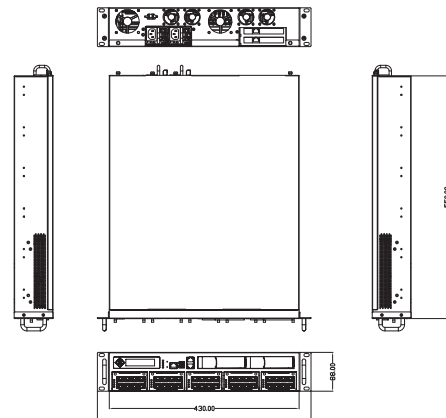
Optional	
5916E552000E	DB9F-RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord

Dimensions

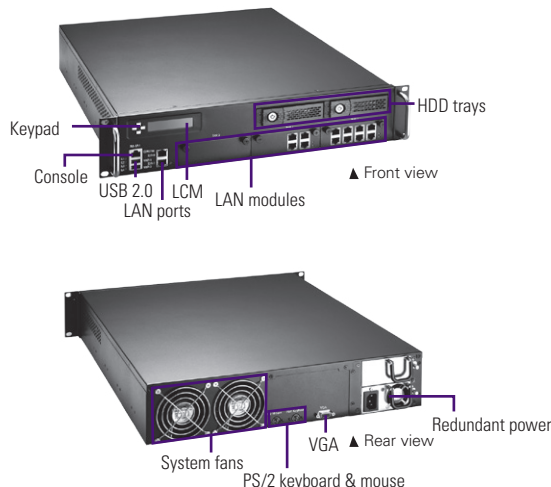


NA551

2U Rack-mount Network Appliance Platform with LGA1155 Socket Intel® Xeon® E3 Family Processor, Intel® C216, Two 3.5" Hot-swappable HDD and up to 26 LANs

Features

- LGA1155 socket 3rd/2nd gen Intel® Xeon® E3 family processor
- Four DDR3-1333 U-DIMM, up to 32GB memory
- Max. up to twenty-six 10/100/1000 Mbps Ethernet ports
- Three expandable LAN modules supporting 1G/10G/Fiber/Copper/Bypass
- Supports 2U redundant power supply
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	LGA1155 socket 3rd/2nd generation Intel® Xeon® E3 family processor
Chipset	Intel® C216
Memory	4 x DDR3-1333 U-DIMM, up to 32GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 3.5" SATA HDD hot swappable 1 x CFast™
Network Interface	14 x 10/100/1000 Mbps Ethernet 3 x LAN modules (optional), max. up to 26 LAN ports
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 14 x RJ-45 1 x VGA 1 x PS/2 keyboard/mouse
Other Features	LAN Bypass function through latch relay (depend on LAN modules)
Expansion slot	1 x PCIe Mini (32-bit/33 MHz)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	300 W 2U redundant power supply
OS Compatibility	Linux Kernel 2.6

Mechanical/ Environmental

Form Factor	2U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88 mm (3.46") (H) x 427.8mm (16.92") (W) x 500 mm (19.68") (D)
Weight (net/gross)	14.52 kg (32.01 lb)/21.61 kg (47.64 lb)
Certificates	FCC class A/ CE class A

Ordering Information

Standard	
NA551-REGI-RC-US (P/N: E26E551100)	2U network appliance with LGA1155 3rd/2nd generation Intel® Core™ processor, PSU 1+0 and 14 GbE LANs (AXP3306-4GIL & AXT3306-8GIL)
NA551-R2GI-RC-US (P/N: E26E551101)	2U network appliance with LGA1155 3rd/2nd generation Intel® Core™ processor, PSU 1+0 and 2 GbE LANs
NA551-R2GI-RC-US (P/N: E26E551102)	2U network appliance with LGA1155 3rd/2nd generation Intel® Core™ processor, PSU 1+1 and 2 GbE LANs

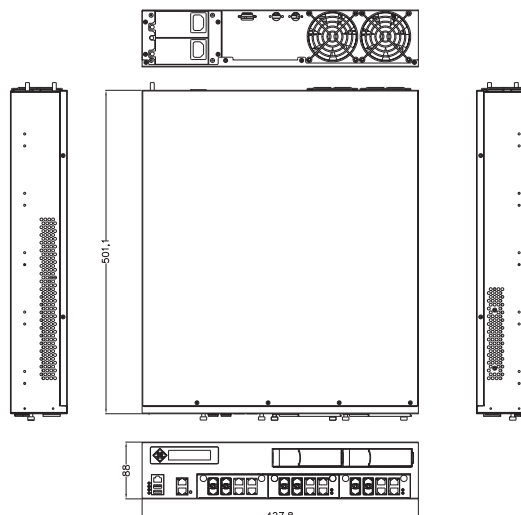
Optional	
5916E552000E	DB9F-RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord
2 x HDD tray (w/ key)
1 x DB9F to RJ-45 1.8M console cable

Dimensions



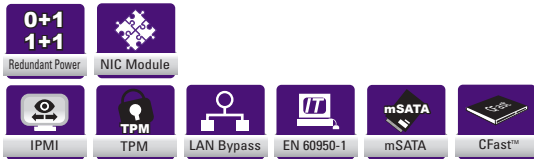
* All specifications and photos are subject to change without notice.

NA580

1U Rack-mount Network Appliance Platform with LGA1151 Socket Intel® Xeon® E3/ Core™ Family Processor and 8 LANs

Features

- LGA1151 socket 6th gen Intel® Xeon® E3/Core™ family processor (Skylake)
- Four DDR4-2400 U-DIMM, up to 64GB memory
- Max. up to eighteen 10/100/1000 Mbps Ethernet ports (Intel® i210)
- One expandable LAN module supporting 1G/10G/Fiber/Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM 1.2 module for optional
- Suitable for network security, cloud computing and data centers applications

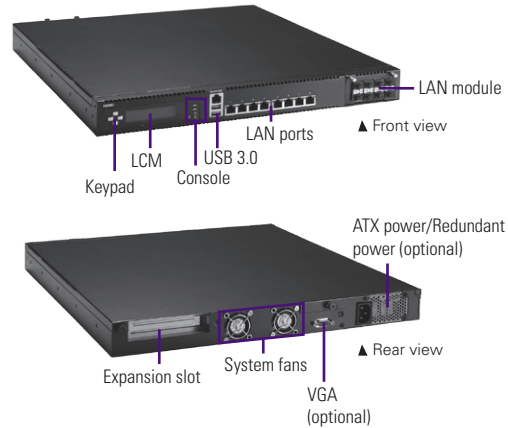


Specifications

System	
CPU	LGA1151 socket Intel® Xeon® E3/ Core™ family processor (Skylake)
Chipset	Intel® C236/H110
Memory	Intel® C236: 4 x DDR4-2400 U-DIMM, up to 64GB non-buffer non-ECC/ECC memory Intel® H110: 2 x DDR4-2400 U-DIMM, up to 32GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x CFast™ 1 x mSATA 1 x 3.5" SATA HDD (optional for 270 W ATX power supply only)
Network Interface	C236 PCH: 8 x 10/100/1000 Mbps Ethernet (Intel® i210) 10 x 10/100/1000 Mbps Ethernet (optional) 8 x RJ-45 + 2 x SFP (optional) H110 PCH: 6 x 10/100/1000 Mbps Ethernet (Intel® i210) 1 x LAN module (optional), max. up to 18 LANs 2 pairs LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (Intel® C236 only) through AX96708 (83967081010E) riser card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply 280 W 1U redundant power supply (optional)
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F) (270 W ATX power supply) 0°C ~ +40°C (32°F ~ 104°F) (280 W 1U redundant power supply)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.84") (W) x 450 mm (20.59") (D)
Weight	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)
Certificates	FCC class A/ CE class A



Ordering Information

Standard	
NA580-R8GI-C236 (P/N: E26E580100)	1U network appliance with LGA1151 socket Intel® Xeon® E3/ Core™ family processor, 8 GbE LANs, 2 pairs LAN bypass and 1 expandable LAN module (optional)
NA580-R6GI-H110 (P/N: E26E580101)	1U network appliance with LGA1151 socket Intel® Core™ family processor, 6 GbE LANs, 2 pairs LAN bypass and 1 expandable LAN module (optional)

Optional

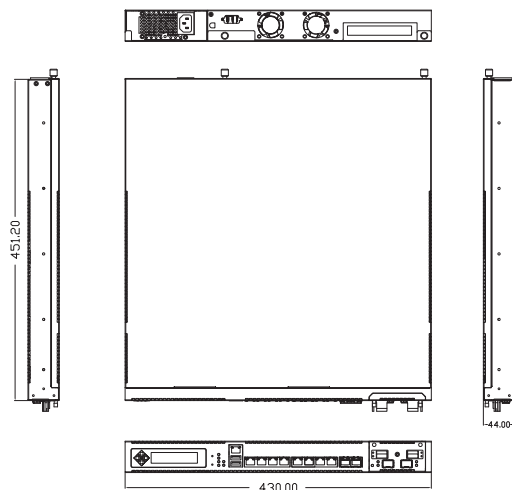
5916E552000E	DB9F- RJ45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord

Dimensions



NA570

1U Rack-mount Network Appliance Platform with LGA1150 Socket Intel® Xeon® E3/ Core™ Family Processor, Intel® C226 and up to 24 LANs

Features

- LGA1150 socket 4th gen Intel® Xeon® E3/ Core™ family processor (Haswell)
- Four DDR3-1600 U-DIMM, up to 32GB memory
- Max. up to twenty-four 10/100/1000 Mbps Ethernet ports (Intel® i210AT)
- Two expandable LAN modules supporting 1G/10G/Fiber/ Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports Intel® AES new Instruction (AES-NI) (using hardware-based enhancements acceleration to encrypt and decrypt data)
- Suitable for UTM, VPN, Network bandwidth controller and firewall applications

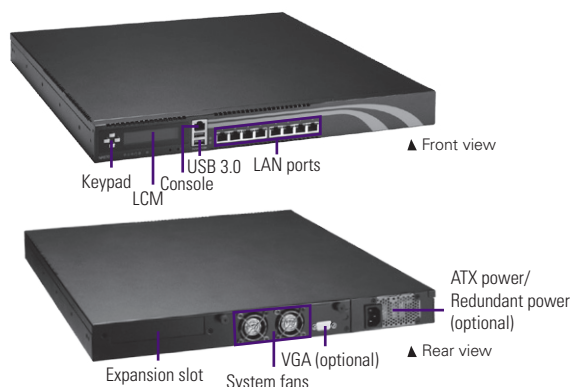


Specifications

System	
CPU	NA570: Intel® Xeon® E3-1275 v3, E3-1225 v3 (Haswell) NA570L: 4th generation Intel® Core™ family processor
Chipset	NA570: Intel® C226 NA570L: Intel® H81
Memory	Intel® C226: 4 x DDR3-1600 U-DIMM, up to 32GB non-buffer non-ECC/ECC memory Intel® H81: 2 x DDR3-1600 U-DIMM, up to 16GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x CompactFlash™ type-II 1 x 3.5" SATA HDD (optional)
Network Interface	NA570: 8 x 10/100/1000 Mbps Ethernet (Intel® i210AT) 2 x LAN modules (optional), max. up to 24 LAN ports 2 pairs LAN Bypass NA570L: 8 x 10/100/1000 Mbps Ethernet (Intel® i210AT) 1 x LAN module (optional), max. up to 16 LAN ports 2 pairs LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (optional by NA570) through AX96708 (83967081000E) riser card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply 200 W 1U redundant power supply (optional)
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F) (270 W ATX power supply) 0°C ~ +40°C (32°F ~ 104°F) (200 W 1U redundant power supply)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	NA570: 44mm (1.73") (H) x 430mm (16.93") (W) x 450mm (20.59") (D) NA570L: 44mm (1.73") (H) x 430mm (16.93") (W) x 392mm (15.43") (D)
Weight (net/gross)	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)
Certificates	FCC class A/ CE class A



Ordering Information

Standard	
NA570-R8GI-C226-US (P/N: E26E5270101)	1U network appliance with LGA1150 4th generation Intel® Xeon® E3/ Core™ family processor, 8 GbE LANs, 2 pairs LAN Bypass, 2 expandable LAN modules (optional)
NA570L-R8GI-H81-US (P/N: E26E570100)	1U network appliance with LGA1150 4th generation Intel® Core™ family processor, 8 GbE LANs, 2 pairs LAN Bypass, 1 expandable LAN module (optional)

Optional

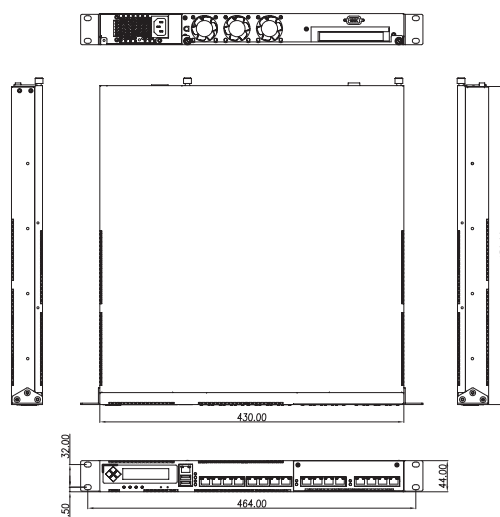
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

1 x Power cord
1 x SATA cable

Dimensions



NA560

1U Rack-mount Network Appliance Platform with LGA1155 Socket Intel® Core™ Family Processor, Intel® H61/B65 and up to 8 LANs

Features

- LGA1155 socket Intel® Xeon® E3/ 3rd & 2nd gen Intel® Core™ family processors
- Four DDR3 U-DIMM, up to 32GB memory
- Eight 10/100/1000 Mbps Ethernet ports (Intel® 82574L)
- Smart fans for better thermal and acoustic performance

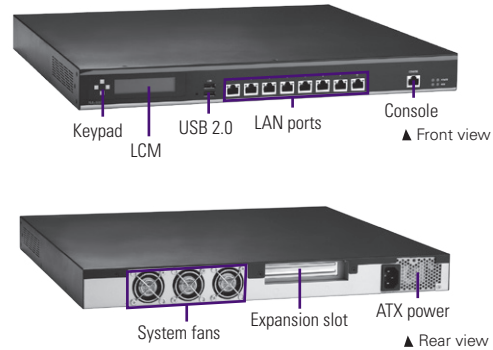


Specifications

System	
CPU	LGA1155 socket Intel® Xeon® E3/ 3rd & 2nd generation Intel® Core™ family processors
Chipset	Intel® B65/H61
Memory	Intel® B65: 4 x DDR3-1333 U-DIMM, up to 32GB nonbuffer non-ECC memory Intel® H61: 2 x DDR3-1333 U-DIMM, up to 16GB nonbuffer non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x CompactFlash™ type-II 1 x 3.5" SATA HDD/1 x CFast™ (optional)
Network Interface	B65 PCH: 8 x 10/100/1000 Mbps Ethernet (Intel® 82574L) H61 PCH: 6 x 10/100/1000 Mbps Ethernet (Intel® 82574L) 2 pairs LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 6 x RJ-45 (H61 PCH)/8 x RJ-45 (B65 PCH)
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCI Express Mini 1 x PCIe x8 (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply
OS Compatibility	Linux Kernel 2.6

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 392 mm (15.43") (D)
Weight (net/gross)	8.2 kg (18.08 lb)/9.8 kg (21.61 lb)
Certificates	FCC class A/ CE class A



Ordering Information

Standard	
NA560-R6GI-H61-CF-US (P/N: E26E560107)	1U rackmount network appliance with LGA1155 3rd/2nd generation Intel® Core™ processor, Intel® H61, 6 GbE LANs, and CF
NA560-R8GI-B65-CF-US (P/N: E26E560106)	1U rackmount network appliance with LGA1155 3rd/2nd generation Intel® Core™ processor, Intel® B65, 8 GbE LANs, and CF

Optional

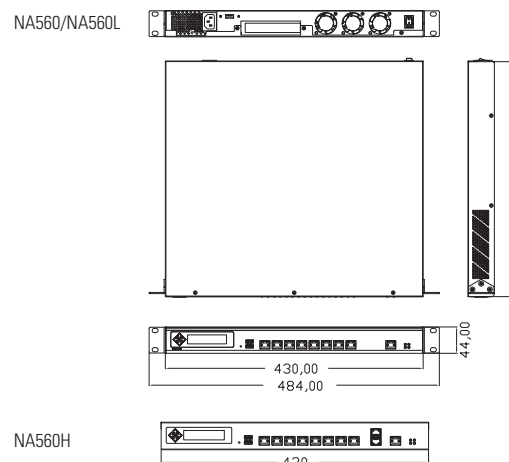
CK9A104	Cable kit (P/N: 8816E320010E)
59416112100E	DB9 (M) - RJ-45, 1.5M straight cable

* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord
1 x DB9F to RJ-45 1.8M console cable

Dimensions

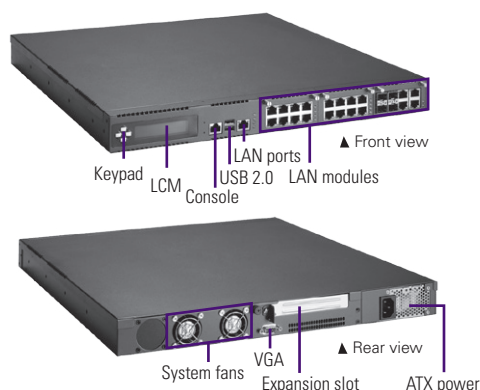


NA552

1U Rack-mount Network Appliance Platform LGA1155 Socket Intel® Xeon® E3/ Core™ Family Processor, Intel® C216 and up to 26 LANs

Features

- LGA1155 socket Intel® Xeon® E3/ 3rd & 2nd gen Core™ family processor
- Four DDR3-1333 U-DIMM, up to 32 GB memory
- Max. up to twenty-six 10/100/1000 Mbps Ethernet ports (Intel® i210AT/82580EB)
- Three expandable LAN modules supporting 1G/10G/Fiber/ Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	LGA1155 socket Intel® Xeon® E3/ 3rd & 2nd generation Core™ family processor
Chipset	Intel® C216
Memory	4 x DDR3-1333 U-DIMM. up to 32GB non-buffer non-ECC/ ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x CFast™ 1 x 3.5" SATA HDD/1 x CompactFlash™ type-II (optional)
Network Interface	18 x 10/100/1000 Mbps Ethernet (Intel® i210AT/82580EB) 3 x LAN modules (optional), max. up to 26 LANs
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 18 x RJ-45
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion slot	1 x PCIe x4 (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply 280 W 1U redundant power supply (optional)
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.84") (W) x 450mm (20.59") (D)
Weight (net/gross)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
Certificates	FCC class A/ CE class A

Ordering Information

Standard	
NA552-R2GI-FS-US (P/N: E26E552101)	1U network appliance with LGA1155 3rd/2nd generation Intel® Core™ family processor and 2 GbE LANs
NA552-RIGI-FS-US (P/N: E26E552100)	1U network appliance with LGA1155 3rd/2nd generation Intel® Core™ family processor and 18 GbE LANs

Optional

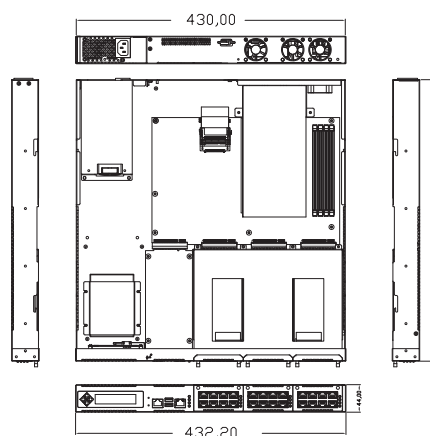
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions

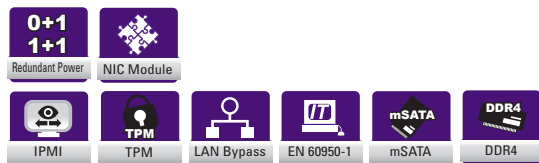


NA720 NEW

1U Rack-mount Network Appliance Platform with Intel® Xeon® Processor D-1527/
Pentium® Processor D1508 and 10 LANs

Features

- Intel® Xeon® processor D-1527/Pentium® processor D1508 onboard (Broadwell-DE)
- Four DDR4-2400 R-DIMM/U-DIMM, up to 128GB memory
- Max. up to twenty-four 10/100/1000 Mbps Ethernet ports and two 10 GbE SFP+ ports
- Two expandable LAN modules supporting 1 GbE/10 GbE/Fiber/Copper/Bypass (optional)
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM 1.2 (onboard) for optional
- Suitable for enterprise firewall, network bandwidth controller and UTM applications

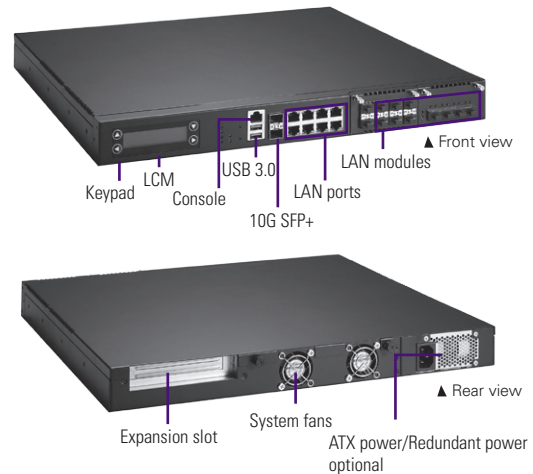


Specifications

System	
CPU	Intel® Xeon® processor D-1527 (Broadwell-DE) Intel® Pentium® processor D1508 (default)
Chipset	SoC Integrated
Memory	4 x DDR4-2400 R-DIMM/U-DIMM, not allowed mixing, up to 128GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x mSATA
Network Interface	8 x 10/100/1000 Mbps Ethernet (Intel® i210) 2 x 10 GbE SFP+ 2 x LAN module (optional), max. up to 26 LAN ports 2 pairs LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45 + 2 x SFP+
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply 280 W 1U redundant power supply (optional)
OS Compatibility	Linux Kernel

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ 45°C (32°F ~ 113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 391 mm (15.39") (D)
Weight	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)
Certificates	FCC class A/ CE class A



Ordering Information

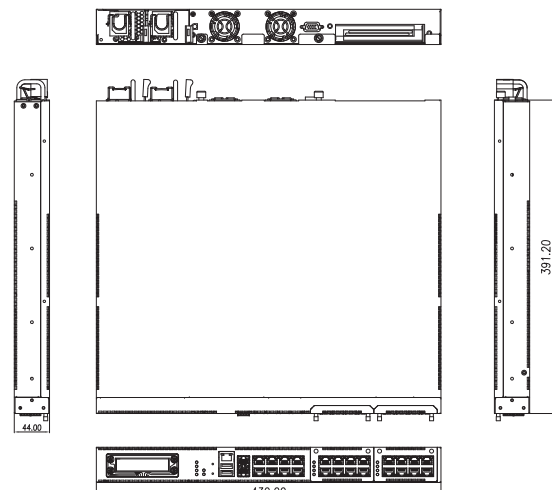
Standard	
NA720-RAMI-US (P/N: E26E7201000)	1U network appliance with Intel® Pentium® processor D1508, 8 GbE LANs, 2 x 10 GbE SFP+ and 2-pair LAN Bypass
Optional	
5916E552000E	DB9F- RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions



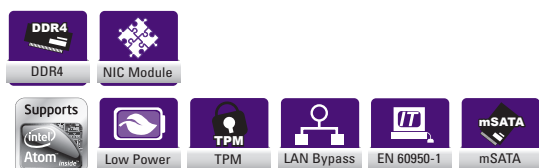
NA362R

1U Rack-mount Network Appliance Platform with Intel® Atom™ Processor C3000 Family and up to 10 LANs

Features

- Intel® Atom™ processor C3000 family (Denverton)
- Four DDR4 R-DIMM/U-DIMM, up to 128GB memory
- Six 10/100/1000 Mbps Ethernet ports and four 10 GbE SFP+ ports
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications

Coming soon



Specifications

System	
CPU	Intel® Atom™ processor C3000 family (Denverton)
Chipset	SoC Integrated
Memory	4 x DDR4 R-DIMM/U-DIMM, not allowed mixing, up to 128GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA3 HDD 1 x mSATA
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i210 & Marvell88E1514) 4 x 10 GbE SFP+ 1 pair LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 6 x RJ-45 + 4 x SFP+
Other Features	LAN Bypass function through latch relay (one pair)
Expansion Slot	N/A
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	84 W open frame
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight (net/gross)	3.5 kg (7 lb)/ 4.5 kg (9 lb)
Certificates	FCC class A/ CE class A

Ordering Information

Standard	
NA362R-R8GI-2FP-US (P/N: E26E3621xx)	1U network appliance with Intel® Atom™ processor C3000 and up to 6 GbE LANs and 4 fiber ports

Optional	
5916E552000E	DB9F-RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

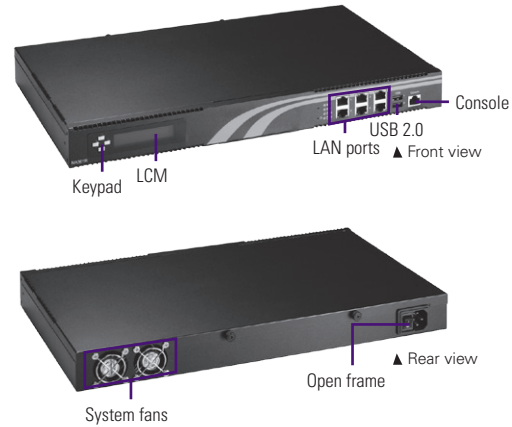
1 x SATA cable
1 x Power cord

NA361R

1U Rack-mount Network Appliance Platform with Intel® Atom™ Processor C2558
up to 2.40 GHz and 6 LANs

Features

- Intel® Atom™ processor C2558 (Rangeley)
- Four DDR3-1600 U-DIMM, up to 32GB memory
- Six 10/100/1000 Mbps Ethernet ports (Intel® i354 & Intel® i210)
- Supports Intel® QuickAssist Technology
- Supports Intel® Data Plane Development Kit (Intel® DPDK)
- Suitable for VPN, network bandwidth controller, firewall and UTM applications



Specifications

System	
CPU	Intel® Atom™ processor C2558 (4-core) (Rangeley) Intel® Atom™ processor C2758 (8-core) (optional)
Chipset	SoC Integrated
Memory	4 x DDR3-1600 U-DIMM, up to 32GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x Compact Flash™ type-II 1 x 3.5" SATA HDD (optional) 1 x mSATA (optional) 1 x CFast™ (optional)
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i354 & Intel® i210) 4 x RJ-45 + 2 x SFP (optional) 1 x LAN module (optional), max up to 14 LAN ports 2 pairs LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 6 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	N/A
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	84 W open frame
OS Compatibility	Yocto, Linux

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight (net/gross)	3.5 kg (7 lb)/ 4.5 kg (9 lb)
Certificates	FCC class B/ CE class B

Ordering Information

Standard	
NA361R-R6GI-US (P/N: E26E361102)	1U network appliance with Intel® Atom™ processor C2558 and 6 GbE LANs

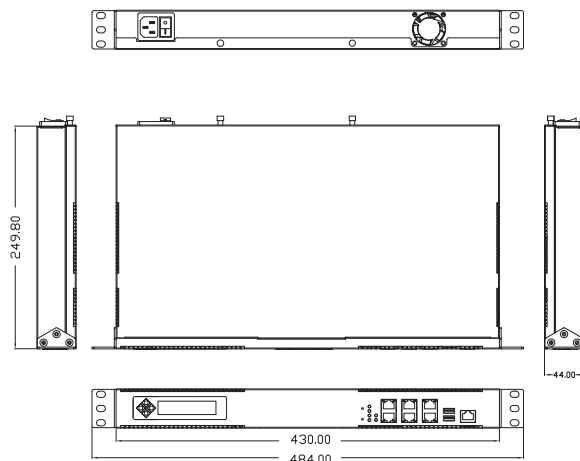
Optional	
5916E552000E	DB9F-RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions

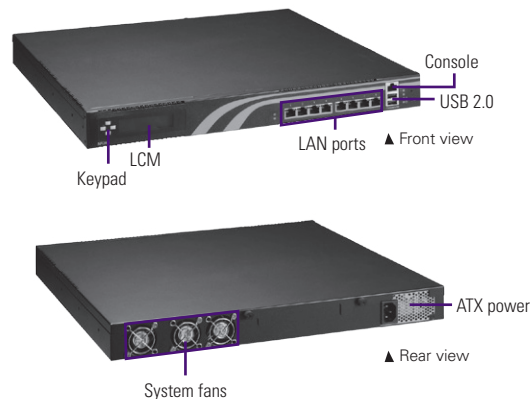


NA360

1U Rack-mount Network Appliance Platform with Intel® Celeron® Processor 725C and up to 16 LANs

Features

- Intel® Celeron® processor 725C
- Two DDR3-1333 U-DIMM, up to 16GB memory
- Max. up to sixteen 10/100/1000 Mbps Ethernet ports (Intel® i210)
- One expandable LAN module supporting 1G/10G/Fiber/Copper/Bypass
- Supports Intel® QuickAssist Technology
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	Intel® Celeron® processor 725C
Chipset	Intel® DH8903C
Memory	2 x DDR3-1333 U-DIMM, up to 16GB non-buffer non-ECC/ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x CompactFlash™ type-II 1 x 3.5" SATA HDD/1 x CFast™ (optional)
Network Interface	8 x 10/100/1000 Mbps Ethernet (Intel® i210) 1 x LAN module (optional), max up to 16 LAN ports 2 pairs LAN bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 2.0 8 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (optional) 1 x PCI Express Mini Card slot (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270 W ATX power supply
OS Compatibility	Linux Kernel 2.6

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44mm (1.73") (H) x 430mm (16.84") (W) x 450mm (20.59") (D)
Weight (net/gross)	8.2 kg (18.08 lb)/ 9.8 kg (21.61 lb)
Certificates	FCC class A/ CE class A

Ordering Information

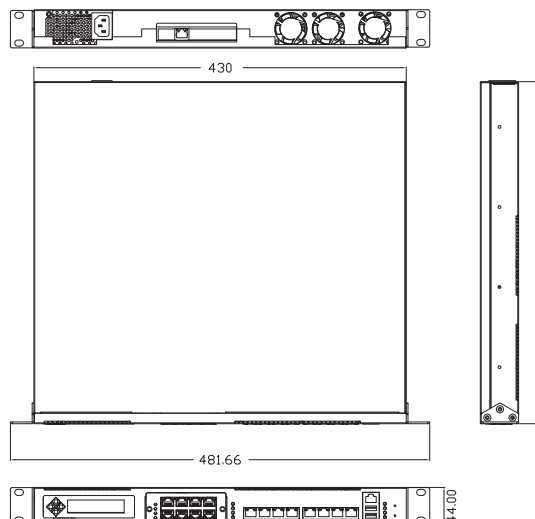
Standard	
NA360-R8GI-725C (P/N: E26E360100)	1U network appliance with Intel® Celeron® processor 725C, 8 GbE LAN ports and 1 LAN module (optional)
Optional	
5916E552000E	DB9F-RJ45 1.8M console cable for Cisco

Packing List

- 1 x SATA cable
- 1 x Power cord

* Specifications and certifications may vary contingent on options.

Dimensions



NA345R NEW

1U Rack-mount Network Appliance Platform with Intel® Atom™ x5-E3940 Processor up to 1.8 GHz and 6 LANs

Features

- Intel® Atom™ x5-E3940 processor (Apollo Lake)
- One DDR3L-1866 SO-DIMM, up to 8GB memory
- Six 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Supports one 2.5" SATA3 HDD
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	Intel® Atom™ x5-E3940 processor (Apollo Lake)
Chipset	SoC Integrated
Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI flash BIOS
Storage	1 x 2.5" SATA3 HDD 1 x mSATA
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i211) 1 pair LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 6 x RJ-45 1 x HDMI
Other Features	LAN Bypass function through latch relay (one pair) LCM for optional
Expansion Slot	N/A
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	65 W open frame
OS Compatibility	Win 10, Linux (Yocto project)

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight (net/gross)	7 kg (15.43 lb)/8 kg (17.64 lb)
Certificates	FCC class B/ CE class B

Ordering Information

Standard	
NA345R-R6GI-US (P/N: E26E3451xx)	1U network appliance with Intel® Atom™ x5-E3940 processor and 6 GbE LANs

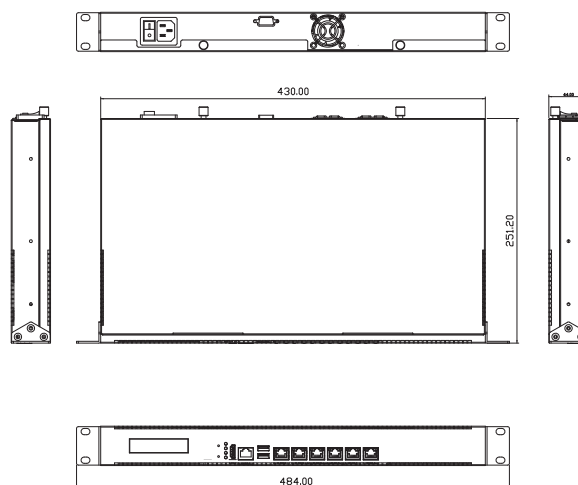
Optional	
5916E552000E	DB9F-RJ45 1.8M console cable for Cisco

* Specifications and certifications may vary contingent on options.

Packing List

1 x SATA cable
1 x Power cord

Dimensions

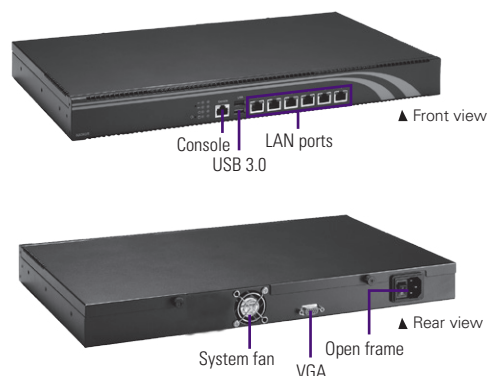


NA343R

1U Rack-mount Network Appliance Platform with Intel® Celeron® processor N3160
up to 2.24 GHz and 6 LANs

Features

- Low power Intel® Celeron® processor N3160 (Braswell)
- One DDR3L-1600 SO-DIMM, up to 8GB memory
- Six 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Supports one 2.5 SATA HDD
- Suitable for VPN, network bandwidth controller and firewall applications



Specifications

System	
CPU	Intel® Celeron® processor N3160 (Braswell)
Chipset	SoC Integrated
Memory	1 x DDR3L-1600 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CFast™ 1 x mSATA (optional) 1 x 3.5" SATA HDD (optional)
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i211) 1 pair LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 6 x RJ-45
Other Features	LAN Bypass function through latch relay (one pair) LCM for optional
Expansion Slot	N/A
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	65 W open frame
OS Compatibility	Win7, WES7, Win8, WE8S, Linux

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight(net/gross)	7kg (15.43 lb)/ 8kg(17.64 lb)
Certificates	FCC class B/ CE class B

Ordering Information

Standard	
NA343R-R6GI-US (P/N: E26E343101)	1U network appliance with Intel® Celeron® processor N3160 and 6 GbE LANs

Optional

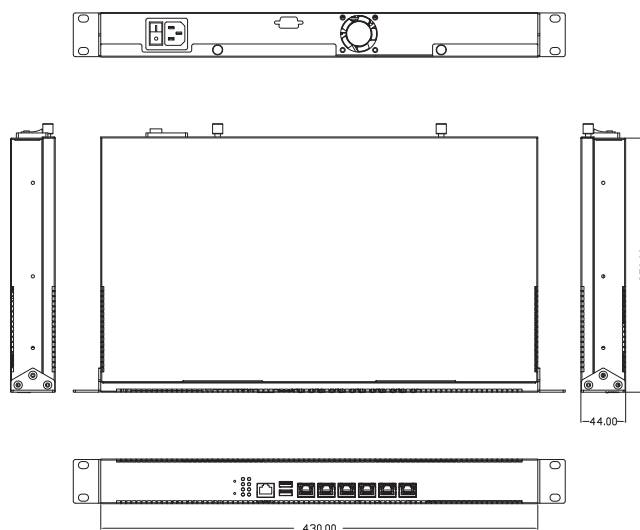
5916E552000E	DB9F- RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions



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

NA342R

1U Rack-mount Network Appliance Platform with Intel® Celeron® Processor J1900
up to 2.42 GHz and 6 LANs

Features

- Low power Intel® Celeron® processor J1900 (Bay Trail)
- One DDR3L-1333 SO-DIMM, up to 8GB memory
- Six 10/100/1000 Mbps Ethernet ports (Intel® i211)
- Supports one 2.5" SATA HDD
- Suitable for VPN, network bandwidth controller and firewall applications

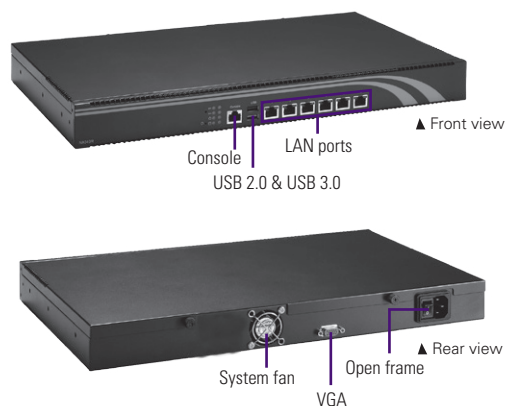


Specifications

System	
CPU	Intel® Celeron® processor J1900 (Bay Trail)
Chipset	SoC Integrated
Memory	1x DDR3L-1333 SO-DIMM, up to 8GB non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ type-II 2 x 2.5" SATA HDD (optional) 1 x 3.5" SATA HDD/1 x half-size mSATA (optional)
Network Interface	6 x 10/100/1000 Mbps Ethernet (Intel® i211) 1 pair LAN Bypass
I/O Interface	1 x RS-232 (RJ-type) 1 x USB 2.0 1 x USB 3.0 6 x RJ-45
Other Features	LAN Bypass function through latch relay (one pair) LCM for optional
Expansion Slot	N/A
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	65 W open frame
OS Compatibility	Win7, WES7, Win8, WE8S, Linux

Mechanical/ Environmental

Form Factor	1U rack-mount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temp.	0°C ~ +45°C (32°F ~ +113°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 250 mm (9.84") (D)
Weight	7 kg (15.43 lb)/8 kg(17.64 lb)
Certificates	FCC class B/ CE class B



Ordering Information

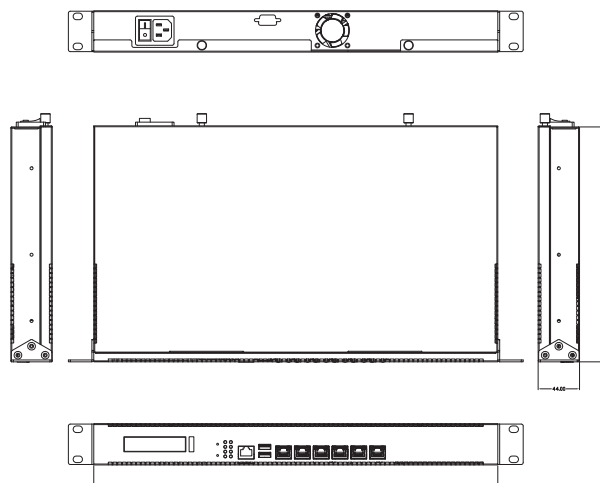
Standard	
NA342R-R6GI-US (P/N: E26E342111)	1U network appliance with Intel® Celeron® processor J1900 (up to 2.42 GHz) and 6 GbE LANs
Optional	
5916E552000E	DB9F- RJ45 1.8M console cable for cisco

* Specifications and certifications may vary contingent on options.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions





- ▶ Overview
- ▶ SOHO Network Appliances
- ▶ SMB Network Appliances
- ▶ LAN Modules
- ▶ Peripheral (Add-on Cards)

Network Appliances

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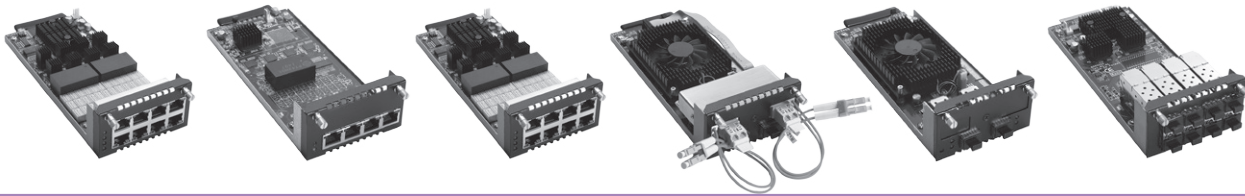
3

LAN Modules

Axiomtek provides various LAN modules for network appliances, such as GbE copper module, GbE fiber module, 10GbE copper module, 10GbE fiber module and more.

LAN Modules	751
Silm Type GbE LAN Modules	752
Silm Type 10GbE LAN Modules	753
Wide Type GbE LAN Modules	754

LAN Modules



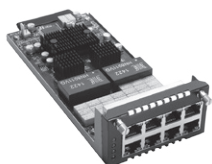
Slim Module	Ports	Ethernet Controller	LAN Bypass	NA860	NA850	NA720	NA580	NA570	NA552	NA362R	NA361R
GbE Copper Modules											
AX93316-8GI	8	Intel® 82580EB	0	✓	✓	✓	✓	✓	✓	✓	✓
AX93316-8GIL	8	Intel® 82580EB	4	✓	✓	✓	✓	✓	✓	✓	✓
AX93326-8GIL	8	Intel® i210	4	✓	✓	✓	✓			✓	✓
AX93336-4GIL	4	Intel® i350	2	✓	✓	✓	✓	✓	✓	✓	✓
AX93336-4GI	4	Intel® i211	0	✓	✓	✓	✓	✓	✓	✓	✓
GbE Fiber Modules											
AX93322-8FI	8	Intel® 82580EB	0	✓	✓	✓	✓	✓	✓	✓	✓
AX93336-4FI	4	Intel® i350	0	✓	✓	✓	✓	✓	✓	✓	✓
GbE Mix Modules											
AX93322-8MIL	8	Intel® 82580EB	2	✓	✓	✓	✓	✓	✓	✓	✓
10GbE Copper Modules											
AX93317-2GIL	2	Intel® X540	1	✓	✓	✓	✓	✓	✓	✓	✓
10GbE Fiber Modules											
AX93307-2FI	2	Intel® 82599ES	0	✓	✓	✓	✓	✓	✓	✓	✓
AX93307-2FIL	2	Intel® 82599ES	1	✓	✓	✓	✓	✓	✓	✓	✓
AX93327-4FI	4	XL710	0	✓	✓	✓	✓	✓	✓	✓	✓



Wide Module	Ports	Ethernet Controller	LAN Bypass	NA550	NA551
GbE Copper Modules					
AX93306-4GI	4	Intel® 82580DB	0	✓	✓
AX93306-4GIL	4	Intel® 82580DB	2	✓	✓
AX93306-8GI	8	Intel® 82580DB	0	✓	✓
AX93306-8GIL	8	Intel® 82580DB	2	✓	✓
GbE Fiber Modules					
AX93306-4FI	4	Intel® 82580DB	0	✓	✓
AX93312-8FI	8	Intel® 82580DB	0	✓	✓
GbE Mix Modules					
AX93306-8MI	8	Intel® 82580DB	0	✓	✓
AX93306-8MIL	8	Intel® 82580DB	2	✓	✓

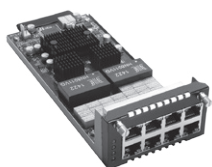
Slim Type GbE LAN Modules

GbE Copper Modules



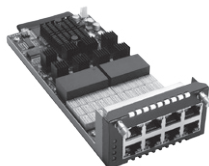
AX93316-8GI

Ethernet Controller: Intel® 82580EB
Interface: 8 x RJ-45
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8



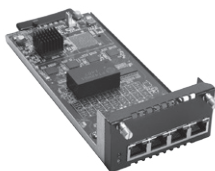
AX93316-8GIL

Ethernet Controller: Intel® 82580EB
Interface: 8 x RJ-45
LAN Bypass: 4 x LAN Bypass
Extension Bus: 1 x PCIe x8



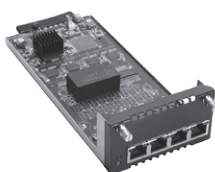
AX93326-8GIL

Ethernet Controller: Intel® i210
Interface: 8 x RJ-45
LAN Bypass: 4 x LAN Bypass
Extension Bus: 1 x PCIe x8



AX93336-4GIL

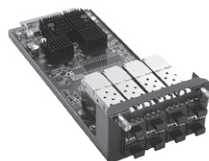
Ethernet Controller: Intel® i350
Interface: 4 x RJ-45
LAN Bypass: 2 x LAN Bypass
Extension Bus: 1 x PCIe x8



AX93336-4GI

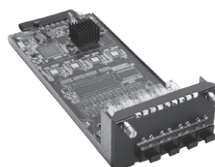
Ethernet Controller: Intel® i211
Interface: 4 x RJ-45
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8

GbE Fiber Modules



AX93322-8FI

Ethernet Controller: Intel® 82580EB
Interface: 8 x SFP
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8



AX93336-4FI

Ethernet Controller: Intel® i350
Interface: 4 x SFP
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8

GbE Mix Modules



AX93322-8MIL

Ethernet Controller: Intel® 82580EB
Interface: 4 x RJ-45 + 4 x SFP
LAN Bypass: 2 x LAN Bypass
Extension Bus: 1 x PCIe x8



Slim Type 10GbE LAN Modules

10GbE Copper Modules

AX93317-2GIL



Ethernet Controller: Intel® X540
Interface: 2 x 10 GbE BaseT Copper
LAN Bypass: 1 x LAN Bypass
Extension Bus: 1 x PCIe x8
Standard PCIe x8 (optional)

10GbE Fiber Modules

AX93307-2FI



Ethernet Controller: Intel® 82599ES
Interface: 2 x 10 GbE SFP+
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8
Standard PCIe x8 (optional)

AX93307-2FIL



Ethernet Controller: Intel® 82599ES
Interface: 2 x 10 GbE SFP+
LAN Bypass: 1 x LAN Bypass
Extension Bus: 1 x PCIe x8
Standard PCIe x8 (optional)

AX93327-4FI



Ethernet Controller: Intel® XL710
Interface: 4 x 10 GbE SFP+
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8
Standard PCIe x8 (optional)

WideType GbE LAN Modules

GbE Copper Modules



AX93306-4GI

Ethernet Controller: Intel® 82580DB
Interface: 4 x RJ-45
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8



AX93306-4GIL

Ethernet Controller: Intel® 82580DB
Interface: 4 x RJ-45
LAN Bypass: 2 x LAN Bypass
Extension Bus: 1 x PCIe x8



AX93306-8GI

Ethernet Controller: Intel® 82580DB
Interface: 8 x RJ-45
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8



AX93306-8GIL

Ethernet Controller: Intel® 82580DB
Interface: 8 x RJ-45
LAN Bypass: 2 x LAN Bypass
Extension Bus: 1 x PCIe x8

GbE Fiber Modules



AX93306-4FI

Ethernet Controller: Intel® 82580DB
Interface: 4 x SFP
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8



AX93312-8FI

Ethernet Controller: Intel® 82580DB
Interface: 8 x SFP
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8

GbE Mix Modules



AX93306-8MI

Ethernet Controller: Intel® 82580DB
Interface: 4 x RJ-45 + 4 x SFP
LAN Bypass: N/A
Extension Bus: 1 x PCIe x8



AX93306-8MIL

Ethernet Controller: Intel® 82580DB
Interface: 4 x RJ-45 + 4 x SFP
LAN Bypass: 2 x LAN Bypass
Extension Bus: 1 x PCIe x8



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Network Appliances

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Peripheral

Axiomtek provides different add-on cards for network appliance, such as PCIe PoE cards, network security cards, IPMI and more.

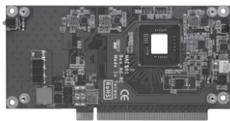
Add-on Cards

757

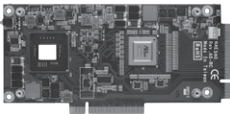
Add-on Cards

Network Security Card

The NAE580/581 is a high performance VPN acceleration NIC module with Intel® 8950 chipset (called Coletto Creek). The 89XX chipset provides hardware-based acceleration technology (Intel® QuickAssist Technology) in off-loading crypto/decrypto. It's ideal for high-end security appliances, such as network optimization appliance, VPN, UTM and NGFW (Next Generation Firewall).



▲ NAE581



▲ NAE580

NAE580/581	8950 (Coletto Creek)
Intel® QuickAssist Technology Capability (Gbps)	50G
IPSec (Gbps)	43G
SSL (Gbps)	49G
Compression (Gbps)	20G
Kasumi/Snow3G (Gbps)	30G
RSA Decrypt 1k-bit key (ops/sec)	165K
RSA Decrypt 2k-bit key (ops/sec)	35K
Thermal Design Power (Watt)	20W
PCI Express Gen 2.0 Endpoint	x16 (NAE581) x8 (NAE580)

* Available Models: NA570, NA850, NA580, NA860

PCI Express PoE Cards

The AX93330 PoE (Power over Ethernet) card supports 4 independent 10/100/1000BaseT 802.3AT compliant Ethernet ports. It provides 48VDC at PoE ports and has wide temperature from -40°C ~ 85°C on module. It allows power to be supplied to connect devices that allows IP telephones, wireless LAN Access Points and security network cameras.



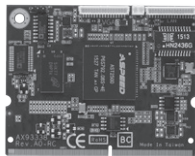
▲ AX93330

AX93330
Standard PCIe x 4 interface for optional
4 Independent Gigabit Ethernet ports (Intel® i210IT)
IEEE802.3AT for Power over Ethernet

* Available Models: NA360, NA552, NA570, NA580, NA850, NA860

IPMI (Intelligent Platform Management Interface)

IPMI specification is an Intel® lead standard. The AX93338 follows IPMI 2.0 spec. System administrators can remotely monitor system health and manage the system using Web page or KVM. The AX93338 operates independently operating system allowing administrators to manage system remotely even the device failure.



▲ AX93338

AX93338
ASPEED 2500 BMC
IPMI 2.0 Remote Control Solution
OS Independent Hardware-base Solution
Real-time and Centralized Management
KVM over IP Remote Control Function
Controls Server Power (power on/off/reset)

* Available Models: NA580



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