



# Smart Building Automation

The demands on the intelligence of buildings have increased constantly in recent years, such that the energy efficiency as well as a good “return on investment” is the priority.

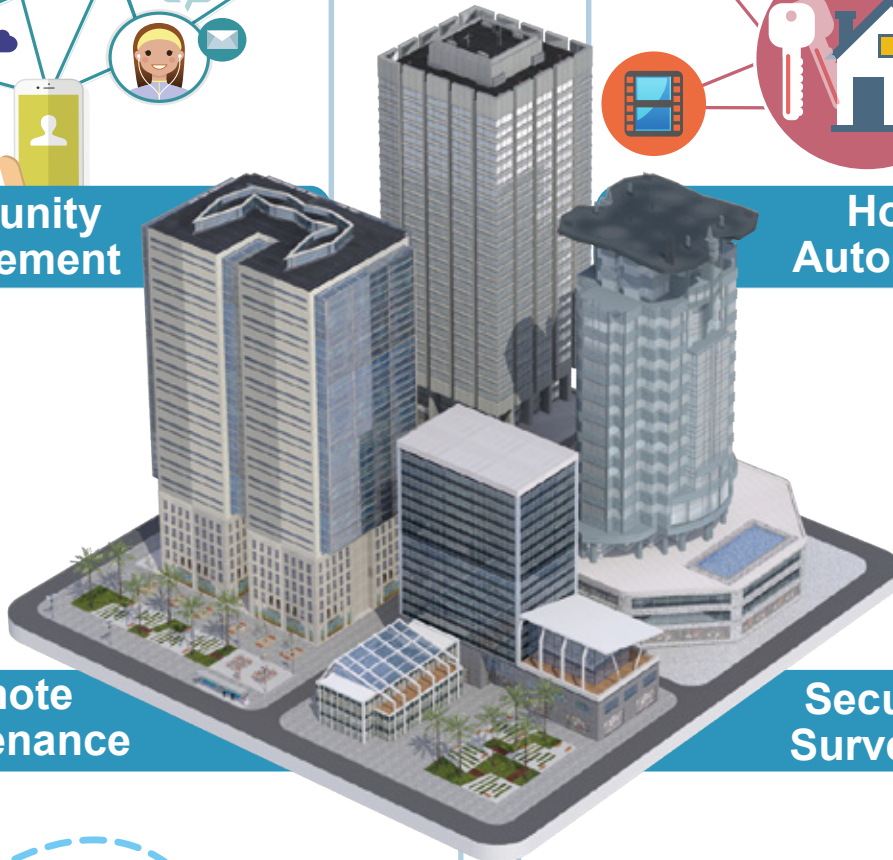
The idea of a “green building” based on sustainable, energy-efficient construction and building use can be realized with intelligent, integral building automation. IEI offers a universal, scalable building automation control system for logging all data points in buildings via TANK-600 & TANK-860-QGW.



**Community Management**



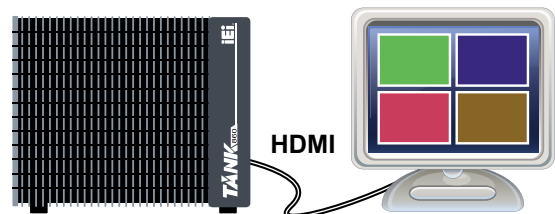
**Home Automation**



**Remote Maintenance**

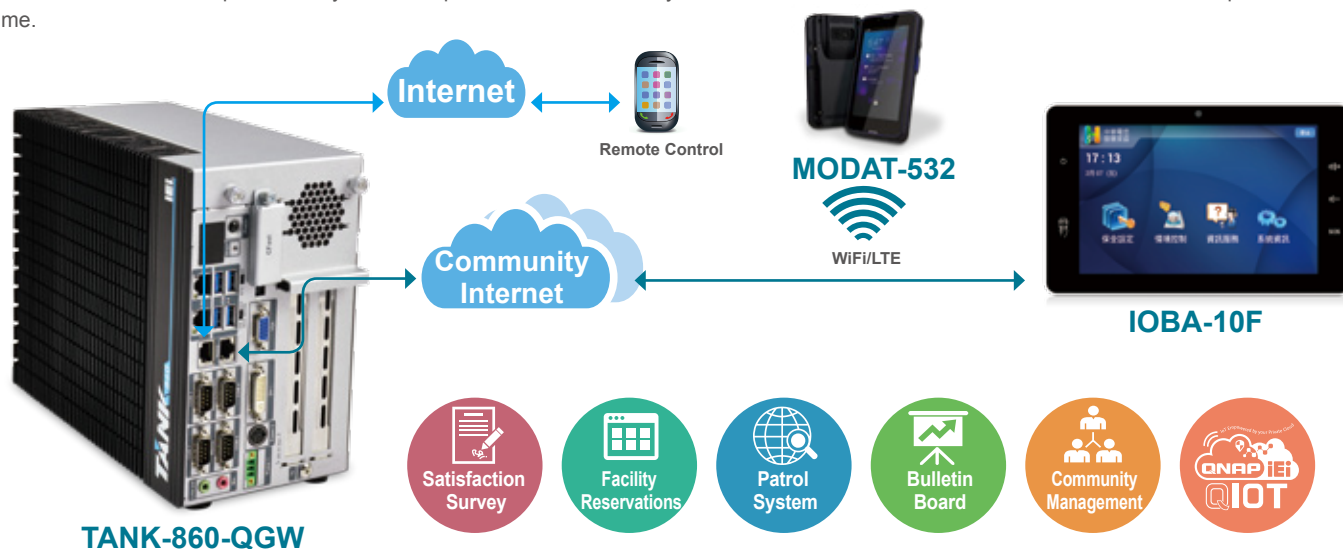


**Security & Surveillance**



## Community Management

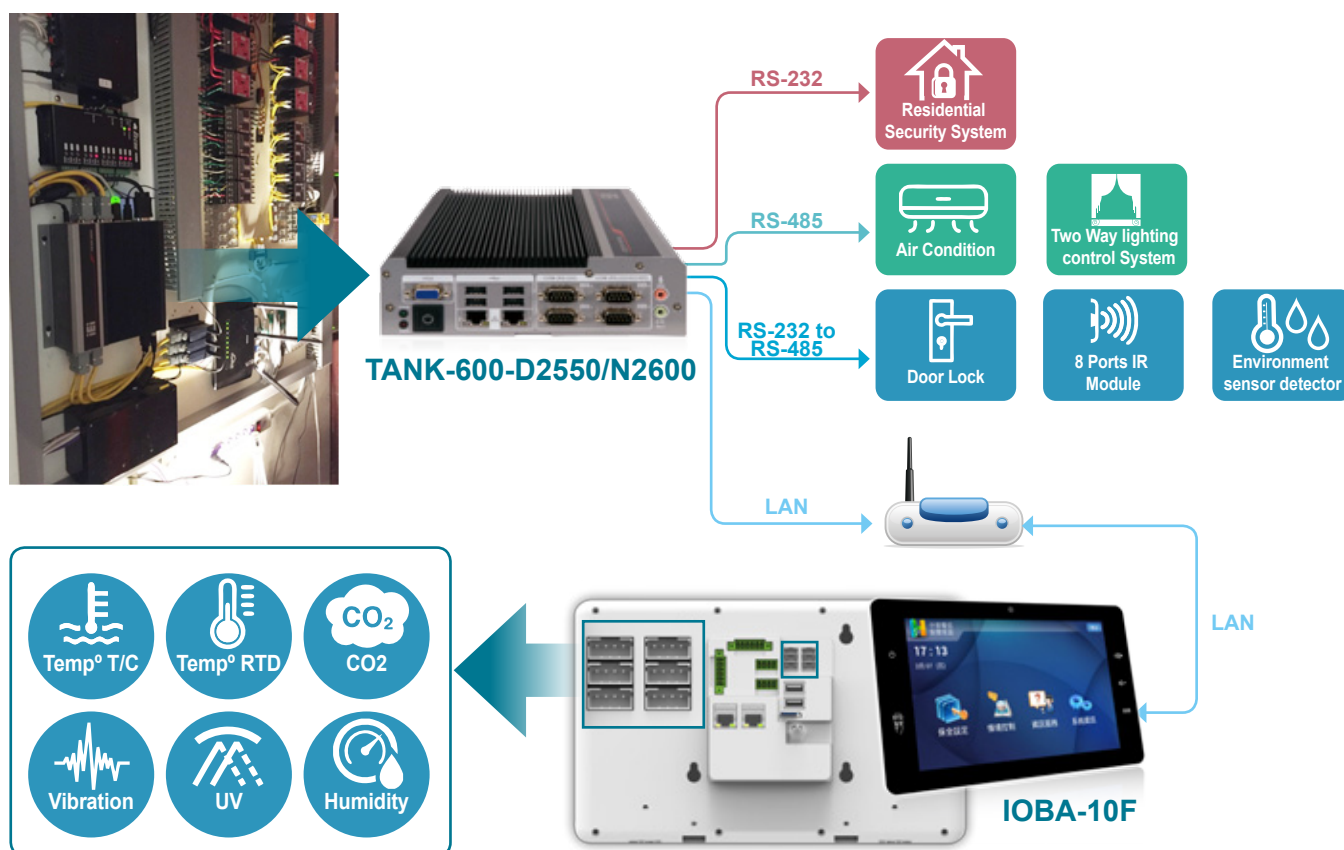
IEI provides the most often used service in a community and create the software on cloud or TANK-860-QGW. The user can operate these functions via their smart phone easily. For example, the bulletin board system is for residents to receive the news from their smart phone in real time.



## Home Automation

TANK-600 provides twenty-four set of serial ports which can fulfill users' demand to connect a large number of devices through serial port. For home automation, user may have different kinds of system, two way lighting control system, door lock system, residential security system, air condition system, environment sensor detector, can be integrated with TANK-600 by serial ports. Besides, TANK-600 also provides GbE LAN and the user can through the Internet/Intranet connection to control or monitor home automation system.

IOBA-10F is 10.1 inch RISC based panel pc with rear input/output connectors which supports IOT starter kit sensors. The user may connect the sensors and integrate to the software which created by system integration.

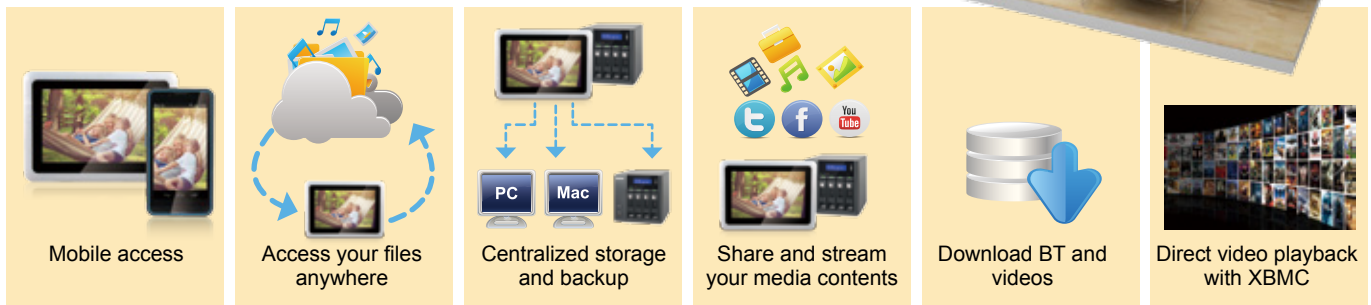


## Home Digital Media Center

### Manage Your Media More Effectively with QNAP NAS

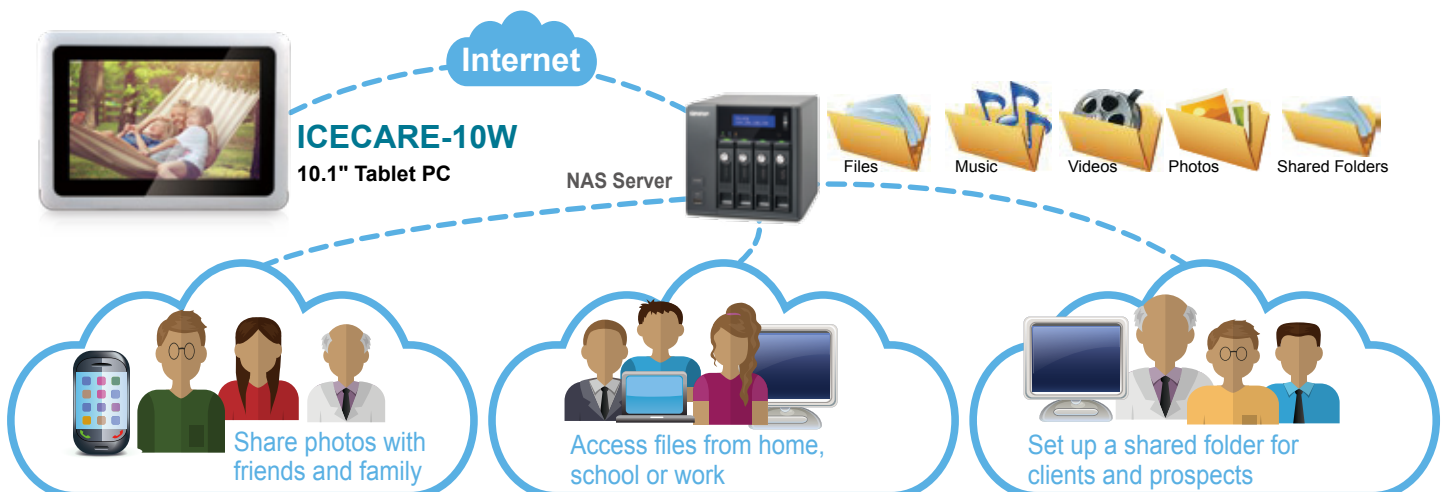
The QNAP NAS server for home use is an easy to use networked storage center for the ultimate digital home entertainment experience. QNAP Turbo NAS servers are a new approach for sharing digital photos, music, and movies/videos, and keeping home computers backed up. You can easily view photos, listen to music, and even watch Full HD 1080p movies on a widescreen TV or projector streamed from the NAS over the network through PS3, Xbox 360, or other network media players. You can share multimedia content with family and friends wherever they are on the Internet by web browsers. iPhone/iPod touch/iPad and Android users can browse shared photos or listen to their music collections anywhere with 3G or Wi-Fi connection by streaming the content directly to the device – no sync required. QNAP NAS brings to life the ultimate in digital home theater enjoyment.

- View precious photos with slideshows and even background music
- Listen to your favorite music using customized playlists
- Enjoy HD movies or family videos on TV when streamed through various network players
- Anytime, anywhere access to your digital media over the Internet by web browsers or iPhone/iPod touch/iPad, or Android mobile devices



### Plex Media Server to Stream Video Files

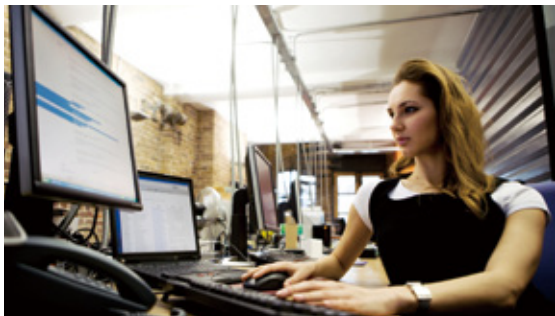
Plex Media Server is the back-end media server component of Plex. Plex Media Server is used to host the content and plugins that are then streamed to Plex Media Center and Plex mobile app clients, either on the same machine, the same local area network or over the Internet. Plex Media Server can be configured to index content in any directory on the machine -hosting it, as well as automatically acquiring iTunes and iPhoto content. Content may be transcoded by the server before it is streamed in order to reduce bandwidth requirements or for compatibility with the device being streamed to. Plex Media Server allows extensibility through the addition of plug-ins. Many of these plug-ins are available through the built-in Plex Online digital distribution service. The library organizer gives you the best browsing and watching experience through different platforms.



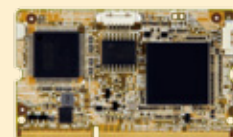


## Remote Diagnostics/Maintenance/Control

IEI remote intelligent system, iRIS, is compliant with IPMI 2.0 which supports out-of-band remote management to allow administrators to manage a system remotely in the absence of an operating system or of the system management software. Thus, IPMI functions can work in any of all scenarios such as:



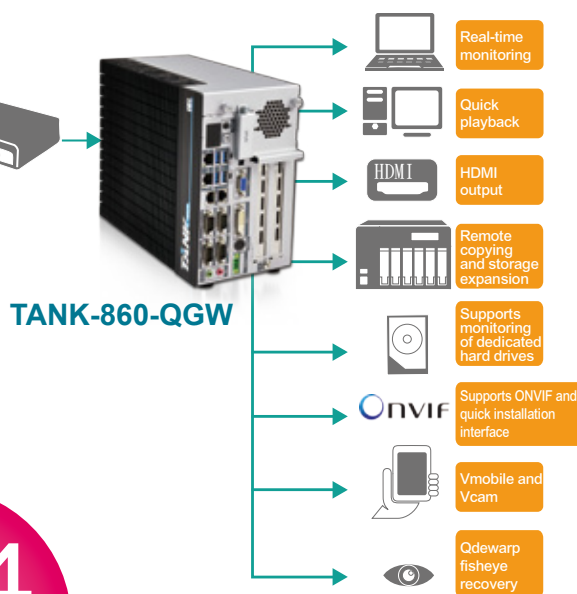
1. Before an OS has booted
2. When the system is powered down
3. After OS or system failure or BSOD
4. Cross Platform and OS independent



**IRIS-2400-R10**  
Remote Management Module

## Security & Surveillance

With TANK-860-QGW, users can upload the floor plan to the video surveillance center and then drag the webcam icon to the installed positions. Once an alarm event occurs, the camera icon will flash allowing you to quickly check and resolve the situation. You can also set five e-mail addresses for the system to send alarm event notification.



free 4  
video channels



## Self-Registration Kiosk

Visitors can use the self-registration kiosk to communicate with the host by its VoIP feature. The visitor will get a registration QR code for opening the entrance gate. The registration QR code can also be used in the elevator for taking the visitor to a certain floor.



**IOVU-10F-AD with build in RFID reader**

10.1" Fanless Industrial Panel PC with optional phone headset



## Security



**TANK-860-QGW**



**PPC-F24A-H81**  
24" Industrial Panel PC



The TANK-860-QGW can be configured and perform monitoring, playback and management tasks by connecting a USB keyboard and mouse and by using HDMI display to deliver live Full HD video monitoring.

By using the shuttle button, you can drag it to the right to fast forward or to the left to fast rewind in order to quickly find the screen that you want; you can also control the speed. When you get close to the time the event occurred, you can view frame by frame to check details on the event.