

# TANK-860-QGW

Cloud Based IPC built-in QTS Gateway OS for IIOT



## Features

- » Built-in QTS Gateway operating system that can be visualized immediately
- » Supports remote connection (myQNAPcloud) and hybrid backup (Hybrid Backup Sync)
- » QRM+ easily monitors IPMI equipment, servers, PCs and production line equipment
- » Q'center centralizes management of multiple QNAP NAS and the IPC equipped with QTS Gateway
- » Surveillance Station for remote video surveillance, 24/7 security
- » Seven levels of data security protection to protect your valued data

## Specifications

|                             |                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Form factor</b>          |                                                                                                          |
| SBC Form Factor             | Intel® 4th Gen Core™ i5-4400E 2.7GHz, 37W                                                                |
| <b>System</b>               |                                                                                                          |
| Cooling method / System Fan | Fanless                                                                                                  |
| Chipset                     | Intel® HM86                                                                                              |
| Memory Max.                 | 2 x 204-pin DDR3 SO-DIMM preinstalled two 4 GB<br>(Maximum memory size supported by the system is 16 GB) |
| Drive Bays                  | 2 x 2.5" SATA 6Gb/s HDD/SSD Bay                                                                          |
| Storage                     | HDD: 2 x 2.5" SATA 6Gb/s HDD/SSD Bay<br>CFast: 1 x CFast                                                 |
| <b>I/O Interface</b>        |                                                                                                          |
| Display                     | 1 x VGA, 1 x DVI-I, 1 x DisplayPort                                                                      |
| I/O Interface               | 1 x Display                                                                                              |
|                             | 1 x VGA                                                                                                  |
|                             | 1 x HDMI™                                                                                                |
|                             | 2 x USB 2.0                                                                                              |
|                             | 4 x USB 3.0                                                                                              |
|                             | 4 x RS-232                                                                                               |
|                             | 2 x RS-422/485                                                                                           |
|                             | 2 x RJ-45                                                                                                |
|                             | 1 x PCIe GbE by Intel I210                                                                               |
|                             | 1 x PCIe GbE by Intel I217LM                                                                             |
| Digital I/O                 | 8-bit digital I/O, 4-bit input/4-bit output                                                              |
| <b>Power</b>                |                                                                                                          |
| Input                       | DC Jack: 9~36V DC                                                                                        |
| Power consumption           | 19W @ 3.34A<br>(Intel® Core™ i5-4400E with 4 GB memory)                                                  |
| <b>Environment</b>          |                                                                                                          |
| Operating Temperature       | -20°C ~ 60°C with air flow (SSD)                                                                         |
| Humidity                    | 5% ~ 95%, non-condensing                                                                                 |
| <b>Dimensions</b>           |                                                                                                          |
| Dimensions                  | 2 slots: 121.5 x 255.2 x 205                                                                             |

|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
|                        | 4 slots:154.8 x 255.2 x 205                                           |
|                        | 6 slots:195.4 x 255.2 x 205                                           |
| <b>Weight</b>          |                                                                       |
| Weight                 | 2 slots: 4.2 kg/6.3 kg                                                |
|                        | 4 slots: 4.5 kg/6.5 kg                                                |
|                        | 6 slots: 4.8 kg/6.9 kg                                                |
| <b>Expansion Slots</b> |                                                                       |
| Expansion Slots        | PCI/PCIe                                                              |
|                        | 2 slots: 2 * PCIe x8 (physical PCIe x16 slot)                         |
|                        | 4 slots: 2 * PCIe x8 (physical PCIe x16 slot) + 2 * PCI               |
|                        | 6 slots: 1 * PCIe x8 (physical PCIe x16 slot) + 2 * PCIe x4 + 3 * PCI |
|                        | PCIe Mini                                                             |
|                        | 4 slots: 1 x Full-size (baseboard)                                    |
|                        | 6 slots: 1 x Full-size (baseboard)                                    |
| <b>Material</b>        |                                                                       |
| Material               | Die-casting aluminum                                                  |
| <b>Option</b>          |                                                                       |
| iRIS                   | 1 x iRIS-2400 (optional purchase)                                     |

## Ordering Information

|                           |                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TANK-860-QGW-i5/8G/6A-R10 | Intel® Core™ i5-4400E CPU, 2 x 4GB DDR3 memory, 3 x PCIe and 3 x PCI expansion, Dual GbE, COM, DIO, VGA/DVI-I/DisplayPort, iRIS-2400 optional, with QTS-Gateway, 9 V~36 V DC, RoHS |
| TANK-860-QGW-i5/8G/4A-R10 | Intel® Core™ i5-4400E CPU, 2 x 4GB DDR3 memory, 2 x PCIe and 2 x PCI expansion, Dual GbE, COM, DIO, VGA/DVI-I/DisplayPort, iRIS-2400 optional, with QTS-Gateway, 9 V~36 V DC, RoHS |
| TANK-860-QGW-i5/8G/2A-R10 | Intel® Core™ i5-4400E CPU, 2 x 4GB DDR3 memory, 2 x PCIe expansion, Dual GbE, COM, DIO, VGA/DVI-I/DisplayPort, iRIS-2400 optional, with QTS-Gateway, 9 V~36 V DC, RoHS             |

## Packing List

|                       |                            |
|-----------------------|----------------------------|
| 1 x Chassis screw set | 1 x Installation frame set |
|-----------------------|----------------------------|