

# PPC-F17B-BT-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

| Form factor                 |  |
|-----------------------------|--|
| SBC Form Factor             | CPU:<br>Intel® Celeron® processor J1900 (2M cache, up to 2.42 GHz)   |
| System                      |  |
| Cooling method / System Fan | Fanless  |
| Chipset                     | SoC  |
| Memory Max.                 | 1 x 4 GB 204-pin DDR3L SO-DIMM pre-installed   |
| Drive Bays                  | 1 x 2.5" SATA 6Gb/s HDD/SSD bay  |
| Indicator&Buttons           |  |
| Indicators                  | Power/HDD/Com port   |
| Buttons                     | 1 x Power switch   |
| I/O Interface               |  |
| Display                     | LCD Size: 17"<br>Brightness(cd/m2): 350<br>Max Resolution: 1280 x 1024<br>Contrast Ratio: 800:1<br>LCD Color: 16.7M<br>Pixel Pitch(mm): 0.26 x 0.26<br>Viewing Angle(H-V): 170° / 160°<br>Backlight MTBF(hrs): 50000 |
| I/O Interface               | 2 x RJ-45 LAN port<br>2 x USB 3.0<br>2 x USB 2.0<br>1 x HDMI™<br>2 x RS-232<br>1 x RS-232/422/485<br>1 x VGA<br>1 x 9V ~ 36V DC jack (4-pin)<br>1 x 9V ~ 36V DC terminal block                                       |

|                                       |   |
|---------------------------------------|---|
|                                       | 1 x Line-out  |
|                                       | 1 x Power switch  |
|                                       | Wireless: 802.11 b/g/n (optional)                             |
| Other On-board Devices and Interfaces | Touchscreen & Controller:                                     |
|                                       | 5-wire resistive type single touch window (Penmount 9000), 3H |
|                                       | 2-point projected capacitive touch window (EETI EXC7200), 6H  |
| Serial                                | 2 x RS-232  |
|                                       | 1 x RS-232/422/485  |
| <b>Power</b>                          |   |
| Input                                 | 1 x 9V ~ 36V DC jack (4-pin)                                  |
|                                       | 1 x 9V ~ 36V DC terminal block                                |
| Power consumption                     | 42W   |
| Power Jack                            | 1 x 9 V~36 V DC jack (4-pin)                                  |
| Power Supply                          | P/N: 63040-010060-110-RS                                      |
|                                       | 60W Power Adapter   |
|                                       | Input: 90 - 264V AC, 50/60Hz                                  |
|                                       | Output: 12V DC  |
| <b>Environment</b>                    |   |
| Operating Temperature                 | -10°C ~ 50°C with air flow                                    |
| Safety & EMC                          | CE/FCC, MIL-STD-810F 514.5C-2 (with SSD)                      |
| Humidity                              | 10% to 95% (non-condensing)                                   |
| <b>Physical Characteristics</b>       |   |
| Construction                          | Extruded aluminum alloys                                      |
|                                       | IP 65 compliant front panel                                   |
|                                       | Panel mount, rack mount, VESA 100x100                         |
| <b>Dimensions</b>                     |   |
| Dimensions                            | 341.4 x 408.4 x 51.8  |
| <b>Weight</b>                         |   |
| Weight                                | 5kg   |
| <b>Color</b>                          |   |
| Color                                 | Black   |
| <b>Expansion Slots</b>                |   |
| Expansion Slots                       | 1 x Full-size/half-size PCIe Mini slot (PCIe/USB signal)      |
| <b>Option</b>                         |   |
| iRIS                                  | 1 x iRIS-2400 (Optional)                                      |

## Ordering Information

|                              |  |
|------------------------------|--|
| PPC-F17B-BT-QGW-J1/4G/PC-R10 | 17 inch 350 cd/m2 SXGA Panel PC with IntelR CeleronR Processor J1900, TDP 10W, 2GB RAM*2, support iRIS-2400, black color, with QTS-Gateway, 9-36V DC input, projected capacitive touch window, R10 |
|------------------------------|--|

## Packing List

|              |                |
|--------------|----------------|
| 1 x Screw kt | 1 x Power cord |
|--------------|----------------|