

# PPC-F19B-BT

## 19" Fanless Panel PC Intel® Bay Trail Solution



### Features

- » Support IEI iRIS-2400 remote intelligent solution
- » Intel® Celeron® J1900 quad-core SoC
- » Robust IP65 aluminum front bezel
- » Aesthetic ultra-thin bezel for seamless panel mount installation
- » Projected capacitive multi-touch and resistive single touch options
- » Dual full-size PCIe Mini card expansion
- » 9V~36V DC wide range DC input

### Specifications

| Communication          |   |
|------------------------|---|
| Wireless               | 802.11 b/g/n (optional)   |
| Environment            |   |
| Humidity               | 10% to 95% (non-condensing)                                       |
| IP Level               | IP 65 compliant front panel                                       |
| Operating Temperature  | -10°C~50°C (14°F~122°F)   |
| Safety & EMC           | CE & FCC Class A certified  |
| Storage Temperature    | -20°C~60°C (-4°F~140°F)   |
| I/O Interface          |   |
| Expansion              | 1 x Full-size PCIe Mini slot ( mSATA/PCIe/USB signal)             |
|                        | 1 x Full-size/half-size PCIe Mini slot (PCIe/USB signal)          |
| FDD Bay                | 1 x 2.5" HDD/SSD drive bay  |
| I/O Ports and Switches | 2 x RJ-45 LAN port  |
|                        | 2 x USB 3.0   |
|                        | 2 x USB 2.0   |
|                        | 1 x HDMI™   |
|                        | 2 x RS-232  |
|                        | 1 x RS-232/422/485  |
|                        | 1 x VGA   |
|                        | 1 x 9 V~36 V DC jack (4-pin)                                      |
|                        | 1 x 9 V~36 V DC terminal block                                    |
|                        | 1 x Line-out  |
|                        | 1 x Power switch  |
| RAM                    | 2 x 204-pin DDR3L SO-DIMM slot (max. 8GB), pre-installed with 2GB |
| LCD                    |   |
| Backlight MTBF         | 50000 hrs   |
| Brightness (cd/m2)     | 350   |
| Contrast Ratio         | 1000 : 1  |
| LCD Color              | 16.7M   |

|                                 |  |
|---------------------------------|--|
| Pixel Pitch (mm)                | 0.294 x 0.294  |
| Resolution                      | 1280 (W) x 1024 (H)  |
| Size                            | 19" (5:4)  |
| Viewing Angle (H-V)             | 170° / 160°  |
| <b>Physical Characteristics</b> |  |
| Color                           | Black C  |
| Construction Front Panel        | Aluminum front panel and sheet metal rear cover  |
| Dimensions (LxWxH) (mm)         | 372.4 x 447.4 x 52.87  |
| Mounting                        | Panel mount, rack mount, VESA 100x100  |
| Net Weight                      | 6.5 kg   |
| <b>Power</b>                    |  |
| Power adapter                   | P/N: 63040-010060-110-RS   |
|                                 | 60W Power Adapter  |
|                                 | Input: 90 - 264V AC, 50/60Hz   |
|                                 | Output: 12V DC   |
| Power consumption               | 12V@2.3A (Intel® J1900 CPU with 2GB 1333 MHz DDR3L memory) 12V@3.58A (Intel® J1900 CPU with 2GB 1333 MHz DDR3L memory) |
| Power Requirement               | 9 V~36 V DC  |
| <b>System</b>                   |  |
| CPU                             | Intel® Celeron® processor J1900 (2M cache, up to 2.42 GHz)   |
| Drive Bays                      | 1 x 2.5" HDD/SSD drive bay   |
| <b>Touch</b>                    |  |
| Touch Controller                | 3H,6H  |
| Touch Screen                    | 5-wire resistive type single touch window (Penmount 9000)  |
|                                 | 2-point projected capacitive touch window (EETI EXC7200)   |
| <b>I/O Interface</b>            |  |
| I/O Interface                   | 1 x Audio(Line-out)  |
|                                 | 2 x Power In(9 V~36 V DC jack (4-pin) / 9 V~36 V DC terminal block)  |
|                                 | 2 x LAN(Gbe(RJ-45))  |
|                                 | 1 x VGA  |
|                                 | 1 x HDMI™  |
|                                 | 2 x USB 3.0  |
|                                 | 2 x USB 2.0  |
|                                 | 1 x RS-422/485   |
|                                 | 2 x RS-232   |
|                                 | 1 x Power Switch   |

## Ordering Information

|                           |   |
|---------------------------|---|
| PPC-F19B-BTi-J1/2G/R-R11  | 19" 350 cd/m2 SXGA Panel PC with Intel® Celeron® Processor J1900, TDP 10W, 2GB RAM*1, support iRIS-2400, black color, 9-36V DC input, AG resistive touch window, R11            |
| PPC-F19B-BTi-J1/2G/PC-R11 | 19" 350 cd/m2 SXGA Panel PC with Intel® Celeron® Processor J1900, TDP 10W, 2GB RAM*1, support iRIS-2400, black color, 9-36V DC input, AG projected capacitive touch window, R11 |

## Packing List

|                           |                |
|---------------------------|----------------|
| 1 x PPC-FxxB-BTi Panel PC | 1 x Touch Pen  |
| 1 x Power Cord            | 1 x Screw Pack |
| 1 x Power Adapter         |                |