

## PPC-F19B-BT

## 19" 无风扇 Intel® Bay Trail 解决方案



## 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°                                                                                                            |
| Physical Characteristics |                                                                                                                        |
| 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                                                                                                                 |
| Power                    |                                                                                                                        |
| 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                                                                                                            |
| System                   |                                                                                                                        |
| CPU                      | Intel® Celeron® processor J1900 (2M cache, up to 2.42 GHz)                                                             |
| Drive Bays               | 1 x 2.5" HDD/SSD drive bay                                                                                             |
| Touch                    |                                                                                                                        |
| Touch Controller         | 3H,6H                                                                                                                  |
| Touch Screen             | 5-wire resistive type single touch window (Penmount 9000)                                                              |
|                          | 2-point projected capacitive touch window (EETI EXC7200)                                                               |
| I/O Interface            |                                                                                                                        |
| 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         |                |