

# PPC-F12B-BT

## 12" Fanless Intel® Bay Trail Solution



### Features

- » 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

| Display                  |  |
|--------------------------|--|
| LCD Size                 | 12.1"(4:3)                               |
| Brightness(cd/m2)        | 600                                      |
| Max Resolution           | 1024 (W) x 768 (H)                       |
| Contrast Ratio           | 700:1                                    |
| Backlight MTBF(hrs)      | 50000                                    |
| I/O Interface            |  |
| I/O Ports and Switches   | 2 x RJ-45 LAN Port                       |
|                          | 2 x USB 3.0                              |
|                          | 2 x USB 2.0                              |
|                          | 1 x HDMI™ output                         |
|                          | 2 x RS-232                               |
|                          | 1 x RS-232/RS-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 (PPC-F15B and PPC-17B only) |
|                          | 1 x Power switch                         |
| Power                    |  |
| Power adapter            | 9V~36V DC                                |
| Environment              |  |
| Operating Temperature    | -10°C~50°C (14°F~122°F)                  |
| Humidity                 | 10% to 95% (non-condensing)              |
| Storage Temperature      | -20°C~60°C (-4°F~140°F)                  |
| IP Level                 | IP 65 compliant front panel              |
| Physical Characteristics |  |
| Dimensions (LxWxH) (mm)  | 262.2 x 322.2 x 47.2                     |
| Cutout Dimensions        | 244.8 x 304.8                            |
| Weight                   |  |
| Weight                   | 3.2 kg                                   |
| LCD                      |  |

|                     |  |
|---------------------|--|
| LCD Color           | 16.2M  |
| Pixel Pitch (mm)    | 0.24 x 0.24  |
| Viewing Angle (H-V) | 160° / 140°  |
| Touch               |  |
| Touch Screen        | 2-point projected capacitive type touchscreen 6H       |
| Touch Controller    | 5-wire resistive single-touch type flat touchscreen 3H |

## Ordering Information

|                           |   |
|---------------------------|---|
| PPC-F12B-BTi-J1/2G/R-R12  | 12.1" 600 cd/m2 XGA Panel PC with Intel® Celeron® Processor J1900, TDP 10W, 2GB RAM*1, support iRIS-2400, black color, 9-36V DC input, resistive touch window with AG coating, R12            |
| PPC-F12B-BTi-J1/2G/PC-R12 | 12.1" 600 cd/m2 XGA Panel PC with Intel® Celeron® Processor J1900, TDP 10W, 2GB RAM*1, support iRIS-2400, black color, 9-36V DC input, projected capacitive touch window with AG coating, R12 |

## Packing List

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