

# PPC-F06B-BT

5.7"/8"/10.4" Fanless Intel® Bay Trail Solution



## Features

- » 5.7", 8" and 10.4" fanless industrial panel PC
- » 2.0 GHz Intel® Celeron® J1900 quad-core processor or 1.58 GHz Intel® Celeron® N2807 dual-core processor
- » Low power consumption DDR3L memory supported
- » IP 65 compliant front panel
- » 9 V~30 V wide DC input
- » mSATA SSD supported
- » Dual GbE for backup
- » -10°C~50°C extended operating temperature

## Specifications

| Display                |  |
|------------------------|--|
| Backlight MTBF(hrs)    | 50000  |
| Brightness(cd/m2)      | 550  |
| Contrast Ratio         | 800 : 1  |
| LCD Size               | 5.7"(4:3)  |
| Max Resolution         | 640(W) x 480(H)  |
| Environment            |  |
| Humidity               | 10% to 95% (non-condensing)  |
| IP Level               | Front IP 65  |
| 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)  |
| Expansion Slots        |  |
| Expansion Slots        | 1 x Full-size PCIe Mini slot<br>(with mSATA, PCIe/USB signal)      |
| I/O Interface          |  |
| I/O Ports and Switches | 1 x RJ-45 LAN port   |
|                        | 1 x RS-232 COM port (DB-9 connector)<br>(RI/5V/12V)                |
|                        | 1 x RS-422/485   |
|                        | 2 x USB 3.0  |
|                        | 2 x USB 2.0  |
|                        | 1 x 9 V~30 V DC lockable DC jack (2-pin)                           |
|                        | 1 x Audio port (line-out)  |
|                        | 1 x Power switch   |
| RAM                    | 2GB DDR3L 1600MHz on-board RAM<br>(system max. 4GB, by MOQ=300pcs) |
| LCD                    |  |
| LCD Color              | 262K   |

|                                 |   |
|---------------------------------|---|
| Pixel Pitch (mm)                | 0.18mm x 0.18mm                                       |
| Viewing Angle (H-V)             | 160° / 140°   |
| <b>Physical Characteristics</b> |   |
| Color                           | Black C   |
| Construction                    | Aluminum front bezel                                  |
| Cutout Dimensions               | 157.5 x 115.4   |
| Dimensions (LxWxH) (mm)         | 136.4 x 178.5 x 56.3                                  |
| Mounting                        | Stand, panel mount, rack mount,<br>VESA 75x75         |
| <b>Power</b>                    |   |
| Power adapter                   | 9V~30VDC  |
| <b>System</b>                   |   |
| CPU                             | Intel® Celeron® N2807<br>dual-core processor, 1.58GHz |
| SSD                             | mSATA   |
| <b>Touch</b>                    |   |
| Touch Controller                | PenMount DMC9000                                      |
| Touch Screen                    | 4-wire resistive type flat touch window               |
| <b>Weight</b>                   |   |
| Weight                          | 0.89Kg  |
| <b>I/O Interface</b>            |   |
| I/O Interface                   | 1 x AT/ATX Switch                                     |
|                                 | 2 x USB3.0  |
|                                 | 2 x USB2.0  |
|                                 | 1 x Reset Button                                      |
|                                 | 1 x Power In((9-30V Lockable power jack))             |
|                                 | 1 x RS-232(((DB-9)))                                  |
|                                 | 1 x Power Switch                                      |
|                                 | 1 x LAN((RJ-45))                                      |
|                                 | 1 x Audio(((line-out)))                               |
|                                 | 1 x RS-422/485  |

## Ordering Information

|                         |  |
|-------------------------|--|
| PPC-F06B-BT-N1/2G/R-R10 | 5.7 inch 450 cd/m2 VGA Panel PC with Intel® Celeron® Processor N2807, TDP 4.3W, 2GB on-board DDR3L RAM, black color, 9-30V DC input, resistive touch window, R10 |
|-------------------------|--|

## 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 |