

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 (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) (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 (system max. 4GB, by MOQ=300pcs) |
| LCD | |
| LCD Color | 262K |

| | |
|---------------------------------|---|
| Pixel Pitch (mm) | 0.18mm x 0.18mm |
| Viewing Angle (H-V) | 160° / 140° |
| Physical Characteristics | |
| 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, VESA 75x75 |
| Power | |
| Power adapter | 9V~30VDC |
| System | |
| CPU | Intel® Celeron® N2807 dual-core processor, 1.58GHz |
| SSD | mSATA |
| Touch | |
| Touch Controller | PenMount DMC9000 |
| Touch Screen | 4-wire resistive type flat touch window |
| Weight | |
| Weight | 0.89Kg |
| I/O Interface | |
| 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 |