

PPC-F08B-BT

8" Fanless Panel PC with Intel® Bay Trail Solution



Features

- » 8" 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 | |
| LCD Size | 8"(4:3) |
| Brightness(cd/m2) | 500 |
| Max Resolution | 800(W) x 600(H) |
| Contrast Ratio | 500:1 |
| Backlight MTBF(hrs) | 50000 |
| System | |
| CPU | Intel® Celeron® J1900 quad-core on-board SoC, 2GHz |
| SSD | mSATA |
| I/O Interface | |
| RAM | 1 x 204-pin DDR3L SO-DIMM slots (max. 8GB) |
| 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 |
| | 1 x 9 V~30 V DC lockable DC jack (2-pin) |
| | 1 x Audio port (line-out) |
| | 1 x Power switch |
| Power | |
| Power adapter | 9V~30VDC |
| Environment | |
| Operating Temperature | -10°C~50°C (14°F~122°F) |
| Safety & EMC | CE & FCC Class A certified |
| Humidity | 10% to 95% (non-condensing) |
| Storage Temperature | -20°C~60°C (-4°F~140°F) |
| IP Level | Front IP 65 |
| Physical Characteristics | |
| Color | Black C |
| Mounting | Stand, panel mount, rack mount, |

| | |
|-------------------------|---|
| | VESA 75x75 |
| Dimensions (LxWxH) (mm) | 182.2 x 222.2 x 44 |
| Construction | Aluminum front bezel |
| Cutout Dimensions | 207 x 154 |
| Weight | |
| Weight | 1.17 kg |
| Expansion Slots | |
| Expansion Slots | 1 x Full-size PCIe Mini slot (with mSATA/PCIe/USB signal) |
| | 1 x Full-size/Half-size PCIe Mini slot (PCIe signal only) |
| LCD | |
| LCD Color | 16.2M |
| Pixel Pitch (mm) | 0.2025 (H) x 0.0675 (V) |
| Viewing Angle (H-V) | 140° / 120° |
| Touch | |
| Touch Screen | 5-wire resistive type flat touchscreen |
| I/O Interface | |
| I/O Interface | 1 x AT/ATX Switch |
| | 1 x Power Switch |
| | 1 x RS-232 (RJ-45) |
| | 1 x RS-422/485 (DB-9) |
| | 2 x USB 3.2 Gen1x1 |
| | 1 x Audio (line-out) |
| | 1 x Reset Button |
| | 2 x LAN (GbE) |
| | 1 x Power In (9-30V Lockable power jack) |

Ordering Information

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|-------------------------|---|
| PPC-F08B-BT-J1/2G/R-R12 | 8" 500 cd/m2 SVGA Panel PC with Intel® Celeron® Processor J1900, TDP 10W, 2GB DDR3L RAM, black color, Powder paint, 9-30V DC input, resistive touch window, 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 |