

Heavy Industrial Panel PC

New

12"/15"/17" Fanless Intel® Bay Trail Solution

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



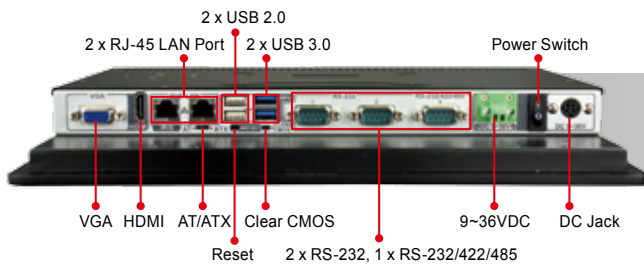
Specifications

Fanless

Fanless

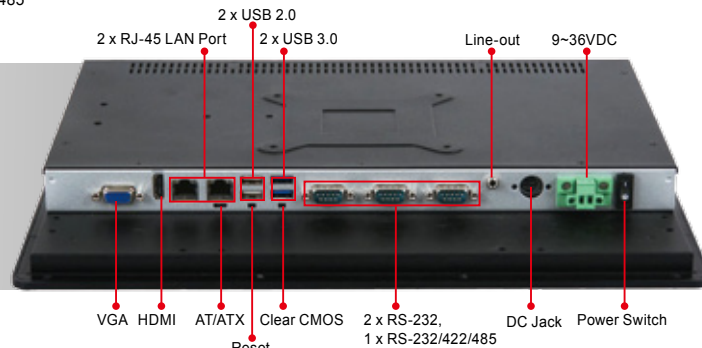
Fanless

| Model | | PPC-F12B-BT | PPC-F15B-BT | PPC-F17B-BT |
|---------------------------------|---------------------------------------|---|--------------------|----------------------|
| LCD | LCD Display | 12" (4:3) | 15" (4:3) | 17" (5:4) |
| | Max Resolution | 1024 (W) x 768 (H) | 1024 (W) x 768 (H) | 1280 (W) x 1024 (H) |
| | Brightness (cd/m ²) | 600 | 400 | 350 |
| | Contrast Ratio | 700 : 1 | 700 : 1 | 800 : 1 |
| | LCD Color | 16.2M | 16.2M | 16.7M |
| | Pixel Pitch (mm) | 0.24 x 0.24 | 0.29 x 0.29 | 0.26 x 0.26 |
| | Viewing Angle (H-V) | 160° / 140° | 160° / 140° | 170° / 160° |
| | Backlight MTBF (hrs) | 50000 | 50000 | 50000 |
| Motherboard | CPU | Intel® Celeron® processor J1900 (2M cache, up to 2.42 GHz) | | |
| | RAM | 2 x 204-pin DDR3L SO-DIMM slot (max. 8GB), pre-installed with 2GB | | |
| Touch | Touchscreen | 5-wire resistive single-touch type flat touchscreen / 2-point projected capacitive type touchscreen | | |
| Input Interfaces | I/O Ports & 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 (PPC-F15B and PPC-17B only) 1 x Power switch | | |
| | Expansion | 1 x Full-size PCIe Mini card slot (with PCIe and USB signal) 1 x Full-size PCIe Mini card slot colay mSATA (SATA2 only) (with PCIe and USB signal) | | |
| Wireless LAN | | 802.11 a/b/g/n/ac + Bluetooth v4.0 wireless kit (SMA antenna) (optional) | | |
| Drive Bay | | 1 x 2.5" HDD/SSD drive bay | | |
| iRIS Remote Management Solution | | iRIS-2400 slot | | |
| Physical | Construction Material | Aluminum front panel and sheet metal rear cover | | |
| | Mounting | Panel Mount/ Rack Mount/ 100 x 100 VESA Mount | | |
| | Enclosure Color | Black C | | |
| | Dimensions (mm) (W x L x D) | 262.2 x 322.2 x 47.2 | 303 x 378.5 x 46.2 | 341.4 x 408.4 x 51.8 |
| | Weight (Net) | 3.2kg | 3.1kg | 5kg |
| | Cutout Dimensions (mm) | 244.8 x 304.8 | 285.6 x 361 | 323 x 390 |
| Environment | Operating Temperature (with air flow) | -10°C~50°C (14°F~122°F) | | |
| | Storage Temperature | -20°C~60°C (-4°F~140°F) | | |
| | Humidity | 10% to 95% (non-condensing) | | |
| | IP Level | IP 65 compliant front panel | | |
| | Safety and EMC | CE & FCC Class A certified | | |
| Power Input | | 9 V~36 V DC | | |
| Power Consumption | | 40W | 41W | 42W |

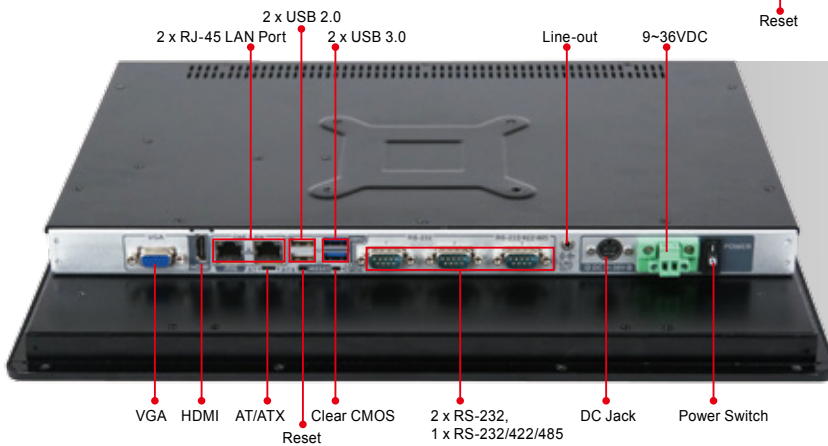


PPC-F12B

PPC-F15B



PPC-F17B



Options

| Item | PPC-F12B | PPC-F15B | PPC-F17B |
|--|-------------------------------|-------------------------------|-------------------------------|
| ARM | ARM-31-RS | ARM-31-RS | ARM-31-RS |
| Stand | STAND-C12-R10 STAND-A12-RS | STAND-C19-R10 STAND-A19-RS | STAND-C19-R10 STAND-A19-RS |
| Wall Mount Kit | | WK-190MS-R10 | |
| Panel Mount Kit | FPK-09-R10 | FPK-10-R10 | FPK-10-R10 |
| Rack Mount Kit | FRK12-R10 | FRK15-R10 | FRK17-R10 |
| Wi-Fi Kit | | PPC-WL-KIT02-R11 | |
| iRIS Kit (IEI Remote Intelligent System) | | IRIS-2400-RS | |

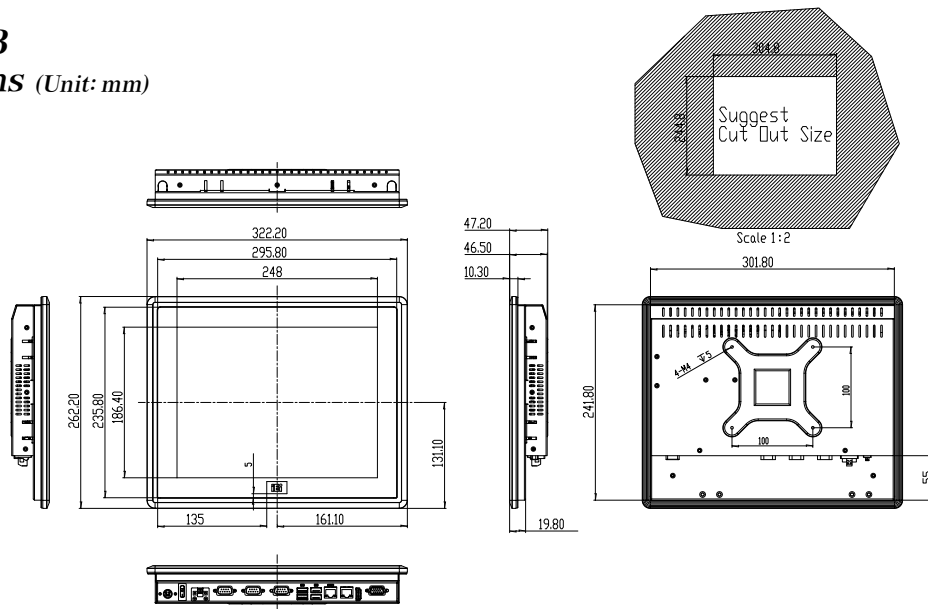
Packing List

| Item | Q'ty | Remark |
|-------------------------|------|---|
| PPC-FxxB-BTi Panel PC | 1 | |
| User Manual & Driver CD | 1 | |
| One Key Recovery CD | 1 | |
| Touch Pen | 1 | Resistive type models only P/N: 43125-0002C0-00-RS |
| Power Cord | 1 | Part numbers varies by regions |
| Screw Pack | 1 | Including necessary screws |
| Power Adapter | 1 | 9V~36V DC |

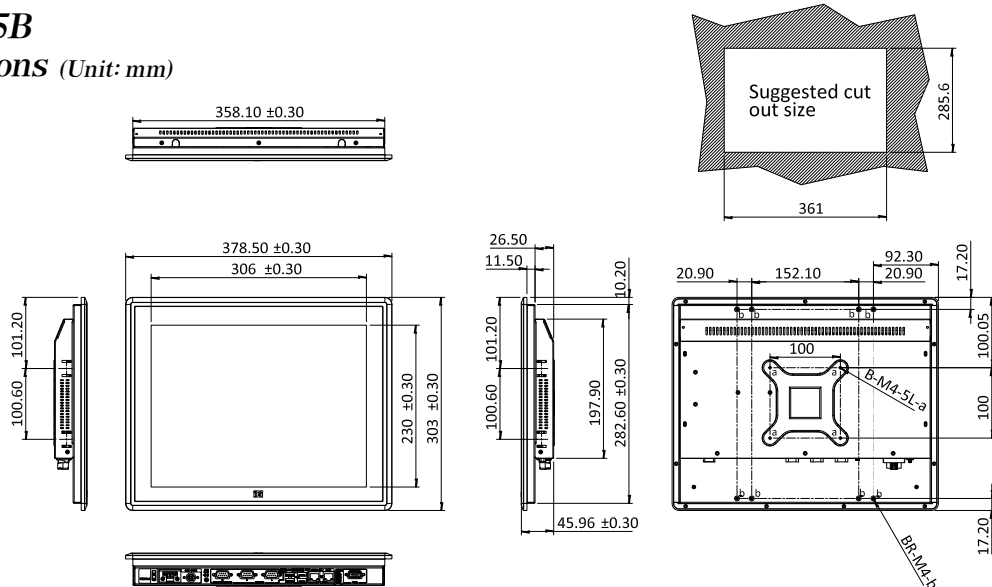
Ordering Information

| Part Number | Description |
|-------------|--|
| 12" | PPC-F12B-BTi-J1/2G/R-R10 12" 600 cd/m ² XGA panel PC with Intel® Celeron® processor J1900, TDP 10W, one 2 GB RAM, support iRIS-2400, black color, 9-36V DC input, resistive touch window, R10 |
| | PPC-F12B-BTi-J1/2G/PC-R10 12" 600 cd/m ² XGA panel PC with Intel® Celeron® processor J1900, TDP 10W, one 2 GB RAM, support iRIS-2400, black color, 9-36V DC input, projected capacitive touch window, R10 |
| 15" | PPC-F15B-BTi-J1/2G/R-R10 15" 400 cd/m ² XGA panel PC with Intel® Celeron® processor J1900, TDP 10W, one 2 GB RAM, support iRIS-2400, black color, 9-36V DC input, resistive touch window, R10 |
| | PPC-F15B-BTi-J1/2G/PC-R10 15" 400 cd/m ² XGA panel PC with Intel® Celeron® processor J1900, TDP 10W, one 2 GB RAM, support iRIS-2400, black color, 9-36V DC input, projected capacitive touch window, R10 |
| 17" | PPC-F17B-BTi-J1/2G/R-R10 17" 350 cd/m ² SXGA panel PC with Intel® Celeron® processor J1900, TDP 10W, one 2 GB RAM, support iRIS-2400, black color, 9-36V DC input, resistive touch window, R10 |
| | PPC-F17B-BTi-J1/2G/PC-R10 17" 350 cd/m ² SXGA panel PC with Intel® Celeron® processor J1900, TDP 10W, one 2 GB RAM, support iRIS-2400, black color, 9-36V DC input, projected capacitive touch window, R10 |

PPC-F12B
Dimensions (Unit: mm)



PPC-F15B
Dimensions (Unit: mm)



PPC-F17B
Dimensions (Unit: mm)

