

# PPC-F19B-BT

19" 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

Communication	
Wireless	802.11 b/g/n (optional)
Environment	
Humidity	10% to 95% (non-condensing)
IP Level	IP 65 compliant front panel
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)
I/O Interface	
Expansion	1 x Full-size PCIe Mini slot ( mSATA/PCIe/USB signal)
	1 x Full-size/half-size PCIe Mini slot (PCIe/USB signal)
FDD Bay	1 x 2.5" HDD/SSD drive bay
I/O Ports and 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
	1 x Power switch
RAM	2 x 204-pin DDR3L SO-DIMM slot (max. 8GB), pre-installed with 2GB
LCD	
Backlight MTBF	50000 hrs
Brightness (cd/m2)	350
Contrast Ratio	1000 : 1
LCD Color	16.7M

Pixel Pitch (mm)	0.294 x 0.294
Resolution	1280 (W) x 1024 (H)
Size	19" (5:4)
Viewing Angle (H-V)	170° / 160°
<b>Physical Characteristics</b>	
Color	Black C
Construction Front Panel	Aluminum front panel and sheet metal rear cover
Dimensions (LxWxH) (mm)	372.4 x 447.4 x 52.87
Mounting	Panel mount, rack mount, VESA 100x100
Net Weight	6.5 kg
<b>Power</b>	
Power adapter	P/N: 63040-010060-110-RS
	60W Power Adapter
	Input: 90 - 264V AC, 50/60Hz
	Output: 12V DC
Power consumption	12V@2.3A (Intel® J1900 CPU with 2GB 1333 MHz DDR3L memory) 12V@3.58A (Intel® J1900 CPU with 2GB 1333 MHz DDR3L memory)
Power Requirement	9 V~36 V DC
<b>System</b>	
CPU	Intel® Celeron® processor J1900 (2M cache, up to 2.42 GHz)
Drive Bays	1 x 2.5" HDD/SSD drive bay
<b>Touch</b>	
Touch Controller	3H,6H
Touch Screen	5-wire resistive type single touch window (Penmount 9000)
	2-point projected capacitive touch window (EETI EXC7200)
<b>I/O Interface</b>	
I/O Interface	1 x Audio(Line-out)
	2 x Power In(9 V~36 V DC jack (4-pin) / 9 V~36 V DC terminal block)
	2 x LAN(Gbe(RJ-45))
	1 x VGA
	1 x HDMI™
	2 x USB 3.0
	2 x USB 2.0
	1 x RS-422/485
	2 x RS-232
	1 x Power Switch

## Ordering Information

PPC-F19B-BTi-J1/2G/R-R11	19" 350 cd/m2 SXGA Panel PC with Intel® Celeron® Processor J1900, TDP 10W, 2GB RAM*1, support iRIS-2400, black color, 9-36V DC input, AG resistive touch window, R11
PPC-F19B-BTi-J1/2G/PC-R11	19" 350 cd/m2 SXGA Panel PC with Intel® Celeron® Processor J1900, TDP 10W, 2GB RAM*1, support iRIS-2400, black color, 9-36V DC input, AG projected capacitive touch window, R11

## Packing List

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