

PPC-120E Series

The Rugged Industrial Panel PC



AC input



DC input



Feature

- High performance industrial IPC
- Supports Dual 3.5" HDD for RAID
- Supports 2 x dual 2.5" HDD tray
- Available in various screen sizes (15"/17"/19")
- Supports Intel core i7/i5/i3 low power consumption processors
- Multiple mounting options (Open Frame/Panel Mount/VESA Mount)
- With IP65 compliant aluminum front panel
- Optional wireless module
- With two PCI or single PCIe slot expansion

Specification

Model Name	PPC-120E-15/17/19		
Main Board			
CPU	Socket LGA1150 for Intel® Core i3/i5/i7/Pentium/Celeron Processor (Haswell TE series, TDP: 35W)		
Memory	2 x 204 Pin SO-DIMM Socket up to 16GB DDR3 1600MHz SDRAM		
Graphics	Integrated Intel HD Graphics Built-in Visuals, Support DX 11.1, OGL4.0		
Network	Dual Gigabit LAN: 1 x Intel 1217LM (With v-Pro Support), 1 x Intel 1210		
Audio	Realtek ALC662 HD Codec		
Operating Systems			
OS	Windows 7 Professional (32bit/64bit) Windows Embedded Standard 7 (32bit/64bit) Windows 8.1 Industry for Embedded (32bit/64bit) Windows 8.1 Professional for Embedded (32bit/64bit) Windows 10 Professional for Embedded (32bit/64bit)		
Display			
LCD	15 inch	17 inch	19 inch
Resolution	1024 x 768	1280 x 1024	1280 x 1024
Brightness	250nits (Standard) 450nits (Option)	250nits	350nits
Touch Screen	5-Wire Analog Resistive PCAP (Option)		
Power Supply			
AC Type	AC Input 100 – 240V, 50 – 60Hz, 200W ATX Power Supply		
DC Type	DC Input 18 – 36V, 200W, 4pin Terminal		
Storage			
HDD	2 x 3.5" SATA Drive Bay (Standard) 4 x 2.5" Drive Bay with 2 x Mobile Rack (Option)		
Expansion Slot			
PCI	2 x PCI Card Slot (Option: 1 x PCIe to 2 x PCI Slot Riser Card) 1 x PCIe Card Slot (Option: 1 x PCIe to 1 x PCIe Slot Riser Card)		
Mini PCIe	1 x Full Size Mini PCIe Slot		
External I/O Ports			
USB Ports	4 x USB 3.0		
Serial Ports	3 x DB-9 (Com 1, Com 2, and Com 3) All Com RS-232/422/485 Selectable via BIOS Setting (Default RS-232) All Coms 5V and 12V Selectable via Jumper Setting (Default no Power)		
LAN	2 x RJ-45		
Audio	1 x Line out, 1 x Mic in		
VGA	1 x DB-15		
HDMI	1 x HDMI A Type		
Physical dimensions			
Front Bezel	Aluminum Bezel, Black (Standard) Aluminum Bezel, Silver (Option) Bezel-free (Option)		
Weight	15 inch	17 inch	19 inch
Dimension	11 kgs 448 x 371 x 103 mm	13 kgs 486 x 418 x 103 mm	15 kgs 524 x 449 x 106 mm
Environment			
EMC & Safety	CE, FCC, RoHS, IP65		
Temperature	Operating : 0° ~40°C ; Storage : -20° ~60°C		
Humidity	10% ~ 90%		

