

Model: PPC-4185W
18.5" Intel® 12th Gen. Core™ i3 1215U Enhanced Multi-Touch Panel PC



Main Feature

- LED Panel – Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 18.5" Full LED Panel support 1920x1080 pixels
- Intel 12th Gen Intel® Core™ U-series (i3 12150U, i5 1235U, i7 1255U)
- 6mm Aluminum Magnesium Alloy front bezel
- NEMA4 / IP 65 compliant front panel, with Rugged construction design
- Front flat glass (7H Hardness) with projected capacitive Multi Touch Screen
- Wide input power range (12 ~ 24 VDC)
- 2 x COM (1 x RS232/485), 3 x Independent displays
- (Optional – WIFI) Mini PCI-E, WIFI Module with Antenna
- Panel (Flush) mounting with clip
- Meet standard VESA hole (100 x 100mm), support desk top stand / wall mount / swing arm mounting

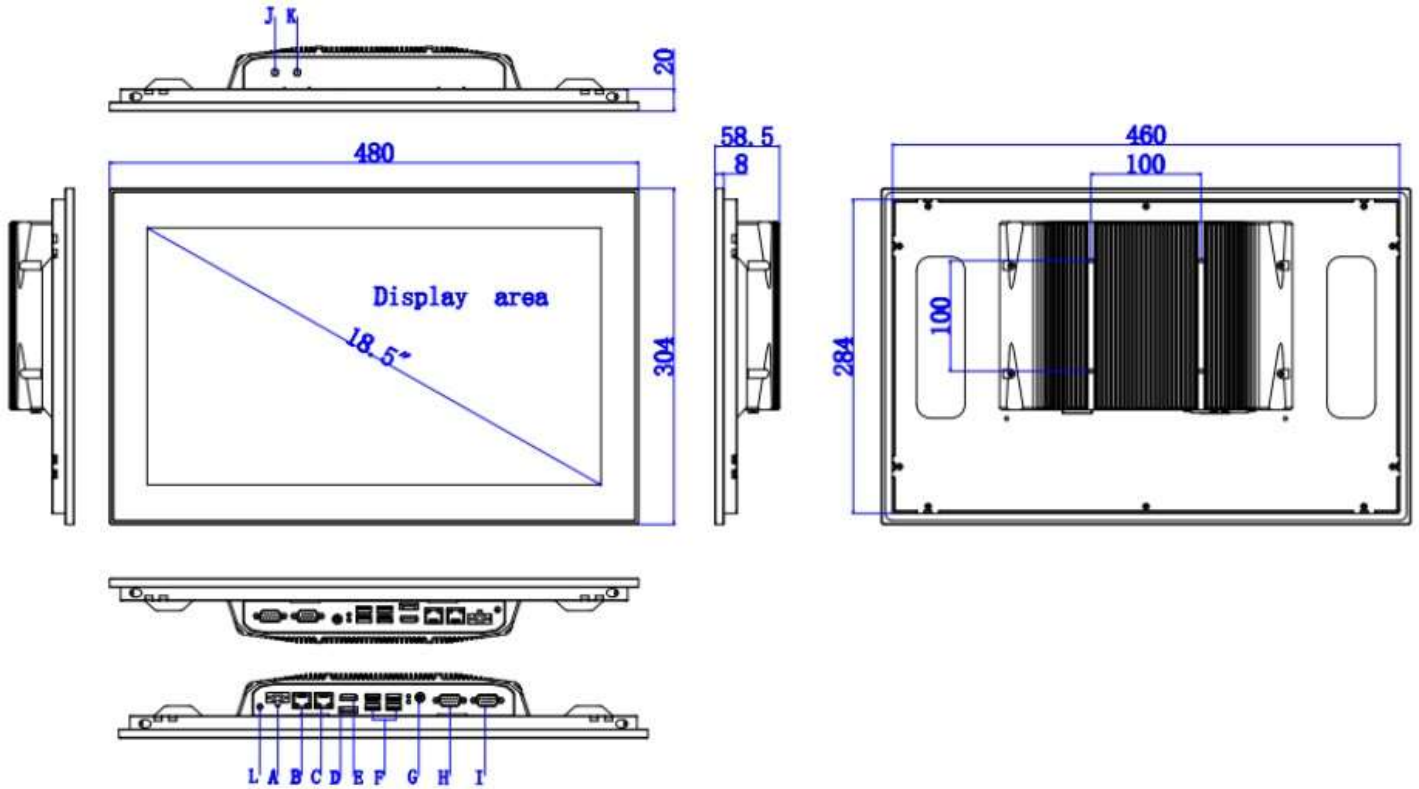
Application:

Factory Automation, Processor Automation, Power Generation, Marine / Offshore Industrial, Kiosk ...

Specification	
Product Model	PPC-4185W
Processor	Intel® Core™ i3 1215U Processor (6 x Cores, 3.3 to 4.4GHz, 10M Cache)
Chipset	Intel® SOC integrated
Memory	1 x DDR4 SO-DIMM Socket up to 32GB
Storage	1 x M.2 2280 (SATA 3.0)
Display	Display Type : 18.5"Full HD LED Panel LCD Resolution : 1920 x 1080

	Luminance : 350 nit View Angel : 170° (H), 170° (V)
LAN	2 x Intel® i210-IT GbE LAN
USB port	2 x USB 3.0 and 2 x USB 2.0
Expansive interface	1 x Mini PCI-E (full size)
Back panel I/O port	2 x RJ45, 4 x USB 3.0/2.0, 2 x COM, 1 x Power Switch, DC input terminal (12-24VDC)
Supporting OS	Windows 7/10/11; Linux
Touch Screen	Internal USB interface controller - Projected Capacitive Multi Touch (10 points) Light transmission: 85% or more Surface hardness : 7H Operation system : Windows 10 / 11; Linux
Wireless LAN (optional)	MINI PCI-E WIFI Module with Antenna
Construction	Heavy duty steel and aluminum front panel
Environment	Operating temperature: -10 °C to 60 °C Storage temperature: -20 °C to 70 °C Storage humidity: 10% to 90% non-condensing Vibration operate SSD: 3 Grms, IEC 60068-2-64, random, 5-500 Hz, 1 hr/axis Shock operate SSD: 30 G, IEC 60068-2-27, half sine, 11 ms duration
Compliance	CE; FCC; ROHS
Dimension W x H x D (mm)	480 x 304 x 59 (Net Weight: 5.9kg)
Ordering Information	
PPC-4185W	18.5" Enhanced Touch Panel PC with Intel® Core™ i3 1215U
(Optional) AC to DC Adapter	12VDC/60watt Power Adapter, input 110-240VAC
(Optional) upgrade to i5	Intel® Core™ i5 1235U
(Optional) upgrade to i7	Intel® Core™ i7 1255U
(Optional) RAM	8 to 32GB DDR4 SO-DIMM RAM
(Optional) SSD	64GB to 2TB SSD (M.2 2280, SATA 3.0)
(Optional) OS	Windows 10 /11 Professional, Linux

Structure Diagram (Panel cut-off dimension: 463 x 287mm)



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|------------------------|----------------|----------------|-------------------------|----------------|---------------|
| A: DC Input | B: GLAN | C: GLAN | D : Display Port | E: HDMI | F: USB |
| G: Power Switch | H: COM | I: COM | J/K: Antenna | | |