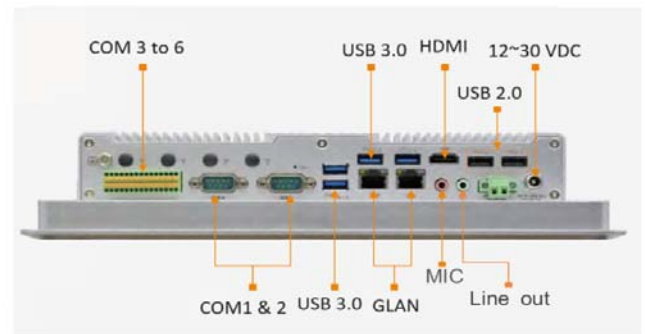


Model: PPC-312

12.1" Fanless Panel PC with Intel® Core™ i5 processor (8th to 12th Gen.)

Main Feature

- LED Panel - Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 12.1" XGA LED Panel support 1024x768 pixels
- Intel 8th to 12th Generation Intel® Core™ i5
- Aluminum Magnesium Alloy front bezel
- NEMA4 / IP 65 compliant front panel, with Rugged construction design
- Support TPM2.0 hardware security
- 6 x COM port, COM2 supports RS232/422/485
- (Optional - WIFI) M.2 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-312
CPU	Intel® Core™ i5 8260U Processor (Quad Core, 3.9GHz, 6M Cache)
Chipset	Intel® SOC integrated
Memory	2 x DDR4 SO-DIMM Socket up to 64GB
Storage	1 x 2.5" SSD/HDD drive bay, 1 x mSATA (full size). 1 x M2. 2280 NVME
Display	Display Type : 12.1" XGA LED Panel LCD Resolution : 1024 x 768 Luminance : 400 nit View Angel : 160°(H), 160°(V)
Audio	MIC and Line-Out
LAN	2 x Intel® i210 AT GbE LAN
USB port	6 x USB 3.0/2.0
Display output	Intel® HD Graphics 620, Max. resolution @ 1920 x 1200, with HDMI output
Expansive interface	1 x M.2 E Key 2230, 1 x M.2 B Key 2242
Back panel I/O port	2 x RJ45, 6 x USB 3.0/2.0, 1 x HDMI, 1 x Lin-out / MIC, 6 x COM, 1 x Power Switch, DC input terminal (12-30VDC)
Supporting OS	Windows 7/10/11; Linux
Hardware Security	TPM 2.0
Touch Screen	Internal USB interface controller - Projected Capacitive Multi Touch (10 points) Light transmission: 85% or more

	Surface hardness : 7H Operation system : Windows XP / 7 / 10 / 11; Linux
Wireless LAN (optional)	M.2 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 80 °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)	298 x 243 x 62
Ordering Information:	
PPC-312	12.1" Fanless Panel PC with Intel® Core™ i5 8260U Processor
(Optional) I5 - 10210U	upgrade processor to Intel® Core™ i5 - 10210U (Quad Core, 1.6 to 4.2GHz, 6M Cache)
(Optional) i5 - 1135G7	upgrade processor to Intel® Core™ i5 - 1135G7 (Quad Core, 2.4 to 4.2GHz, 8M Cache)
(Optional) AC to DC	12VDC/5A 60watt Power Adapter, input 110-240VAC
(Optional) RAM	8 to 64 DDR4 SO-DIMM RAM
(Optional) SSD / HDD	128GB to 2TB SSD, 500GB to 2TB 2.5" SATA HDD
(Optional) OS	Windows 7 / 10 / 11 Pro. or IoT Enterprise, Linux

Structure Diagram (Panel Cut-off: 285 x 247mm)

