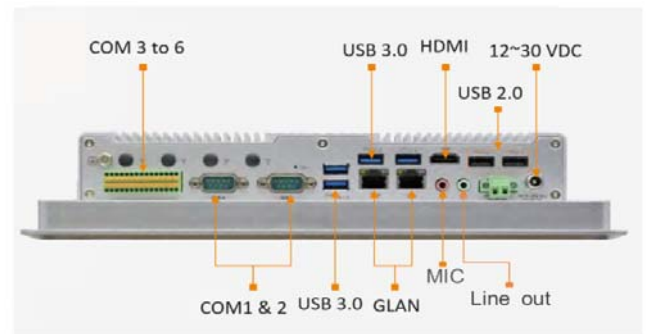


Model: PPC-310

10.4" Fanless Panel PC with Intel® Core™ i5 processor (8<sup>th</sup> to 12<sup>th</sup> Gen.)

## Main Feature

- LED Panel - Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 10.4" SVGA LED Panel support 800x600 pixels
- Intel 8<sup>th</sup> to 12<sup>th</sup> 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-310                                                                                                                          |
| 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 : 10.4" SVGA <b>LED Panel</b><br>LCD Resolution : 800 x 600<br>Luminance : 400 nit<br>View Angel : 160°(H), 140°(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)<br>Light transmission: 85% or more              |

|                              |                                                                                                                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              | Surface hardness : 7H<br>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<br>Storage temperature: -20 °C to 80 °C<br>Storage humidity: 10% to 90% non-condensing<br>Vibration operate SSD: 3 Grms, IEC 60068-2-64, random, 5-500 Hz, 1 hr/axis<br>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 )   | 272 x 214 x 62                                                                                                                                                                                                                                                                    |
| <b>Ordering Information:</b> |                                                                                                                                                                                                                                                                                   |
| PPC-310                      | 10.4" 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: 260 x 202mm)

