

### Features

- 12.1" Industrial Compact Size Panel PC
- Intel Celeron N2930(1.83GHz) CPU built-in
- Onboard 4GB DDR3L 1333MHz
- Flat Front Panel Touch Screen and Fanless Design
- DC 9~36V Wide-Ranging Power Input
- IP66 Compliant Front Panel

### Specifications

| System            |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| CPU               | Onboard Intel Celeron N2930(1.83GHz)                                             |
| System Chipset    | SoC                                                                              |
| Memory            | Onboard 4GB DDR3L 1333MHz                                                        |
| I/O Port          |                                                                                  |
| USB               | 2 x USB 3.0 type A                                                               |
| Serial / Parallel | 1 x DB-9 RS-232/422/485, COM1 (Default RS-232)<br>1 x RS-232 DB-9, COM2          |
| Audio             | 1 x Audio Line Out                                                               |
| LAN               | 2 x GbE LAN RJ-45                                                                |
| Power             | 1 x 3-pin DC power input terminal<br>1 x 2-pin connector for power on/off button |
| Option            | Wi-Fi/BT                                                                         |

| Storage Space |                                                      |
|---------------|------------------------------------------------------|
| HDD           | 1 x 2.5" SATA HDD bay for SATA HDD (Easy Accessible) |

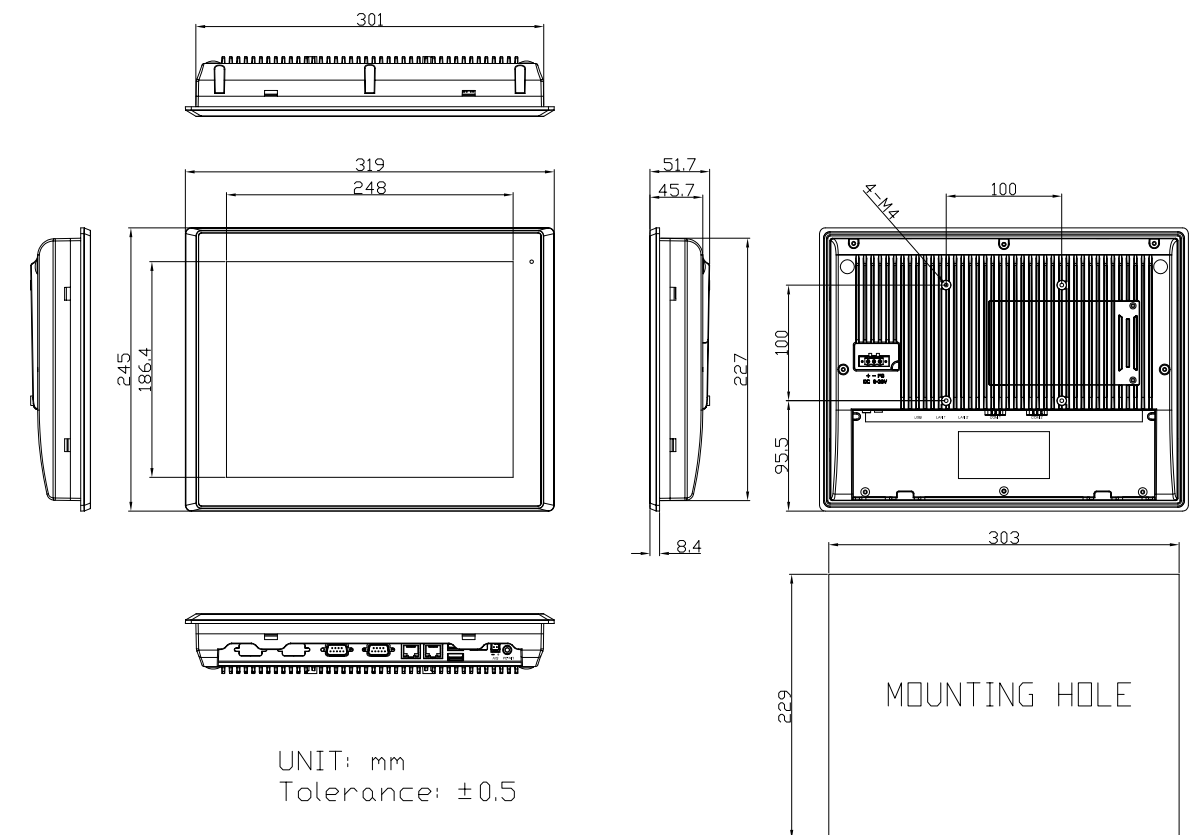
| Expansion      |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| Expansion Slot | 1 x Internal Mini-PCle slot full size<br>1 x SIM card holder / Micro SD card reader |

| Display                        | Standard      |               |
|--------------------------------|---------------|---------------|
| Display Type                   | 12.1" TFT-LCD |               |
| Max. Resolution                | 800 x 600     | 1024 x 768    |
| Max. Color                     | 16.2M         | 16.2M         |
| Luminance (cd/m <sup>2</sup> ) | 450           | 500           |
| View Angle                     | 178(H)/178(V) | 178(H)/178(V) |
| Contrast                       | 1500:1        | 1000:1        |
| Backlight Lifetime             | 50,000 hrs    | 30,000 hrs    |

| Touch Screen          |                 |
|-----------------------|-----------------|
| Type                  | Resistive Touch |
| Interface             | USB             |
| Light Transmission(%) | Over 80%        |

| Power             |           |
|-------------------|-----------|
| Power Input       | DC 9~36V  |
| Power Consumption | 15W (MAX) |

### Dimensions



| Mechanical         |                              |
|--------------------|------------------------------|
| Color              | RAL 9007                     |
| Construction       | Aluminum die-casting chassis |
| Mounting           | Panel Mount, VESA 100 x 100  |
| Dimensions (WxHxD) | 319 x 245 x 51.7 mm          |
| IP Rating          | IP66 Compliant Front Bezel   |
| Net Weight         | 2.8 kg                       |

| Environmental         |                                 |
|-----------------------|---------------------------------|
| Operating Temperature | 0~50°C / -20~60°C (option)      |
| Storage Temperature   | -30~70°C                        |
| Humidity              | 10 to 95%@ 40°C, non-condensing |
| Certificate           | CE/FCC Class A                  |

| Operating System Support  |  |
|---------------------------|--|
| Windows 10 IoT Enterprise |  |

| Ordering Information |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| PLP-A5812N           | 12.1" SVGA Fanless HMI barebone with Intel N2930 1.83G CPU, 4GB DDR3L RAM, Resistive touch screen, DC 9~36V input with adapter, Aluminum chassis |