

# PPC-Z1064PW/RW

10.1" IP66/69K Stainless Steel Panel PC with Intel® Celeron® J6412 Processor

## Applications

- Food & Beverage Processing
- Hospitality & Catering Service
- Pharmaceutical Equipment
- Animal Feed Production
- Chemical Critical Environment

## Features

- 10.1" 1280 x 800 Resolution, 500nits Panel
- Intel® Celeron® J6412 onboard Processor
- True Flat, Easy-to-clean Front Panel Design
- Grade 304 Stainless Steel Enclosure (Grade 316 for option)
- IP66/69K Rated with M12 Connectors
- Support Projected Capacitive and Resistive Touch
- Support VESA, Yoke, and Wall Mounting



## Ordering Information

| Part No.    | Description                                                                                                                                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PPC-Z1064PW | 10.1" 16:10 (1280 x 800) WXGA, 500nits, P-CAP Touch, Full Stainless Steel 304, Intel® Celeron® J6412, M12 Connectors (2 x GbE, 2 x RS-232/422/485, 1 x USB3.2, 1 x USB2.0 (x2), 12~36VDC)            |
| PPC-Z1064RW | 10.1" 16:10 (1280 x 800) WXGA, 500nits, 5-wire Resistive Touch, Full Stainless Steel 304, Intel® Celeron® J6412, M12 Connectors (2 x GbE, 2 x RS-232/422/485, 1 x USB3.2, 1 x USB2.0 (x2), 12~36VDC) |

## Packing List

| Description        |
|--------------------|
| 1 x PPC-Z1064PW/RW |

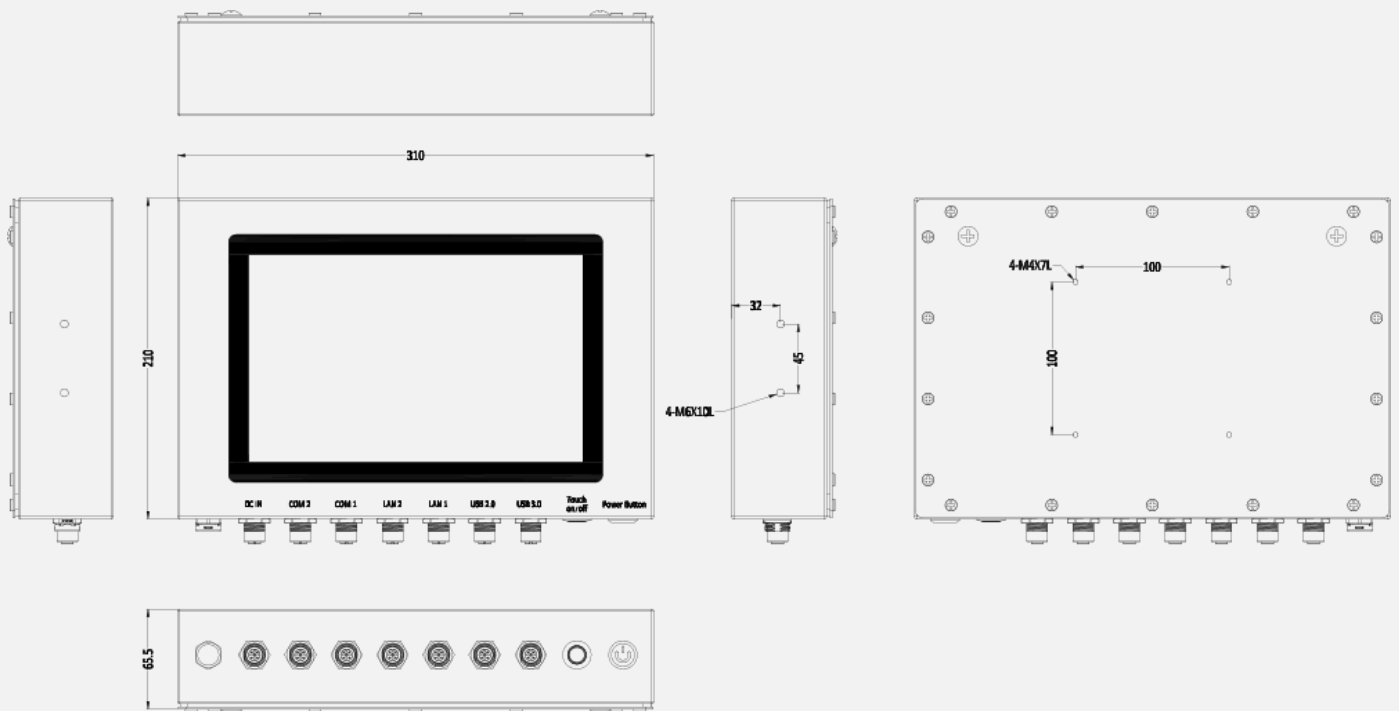
## Optional Items

| Part No.      | Description                                                                   |
|---------------|-------------------------------------------------------------------------------|
| APW-60M12V-01 | Adapter AC/DC 12V 5A 60W with M12 Connector (US)                              |
| APW-60M12V-02 | Adapter AC/DC 12V 5A 60W with M12 Connector (EU)                              |
| AKT-USB2M12   | M12 Connector to 2-port USB2.0 Cable, 2m                                      |
| AKT-USB31M12  | M12 Connector to USB3.0 Cable, 1.8m                                           |
| AKT-COM2M12   | M12 Connector to DB9 Cable, 2m                                                |
| AKT-LAN2M12   | M12 Connector to LAN Cable, 2m                                                |
| AWD-WF006     | Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 IP66 Antennas (Dual Band), Half Size |
| AWD-WF007     | Wi-Fi 802.11 b/g/n/BT4.0 (1T1R) + 1 IP66 Antenna (Dual Band), Half Size       |
| ACS-Z101-SWM  | Stainless Steel 304 Wall Mount Kits, Thickness 3mm for PPC-Z10XX              |
| ACS-Z101-SYK  | Stainless Steel 304 Yoke Mount Kits, Thickness 3mm for PPC-Z10XX              |

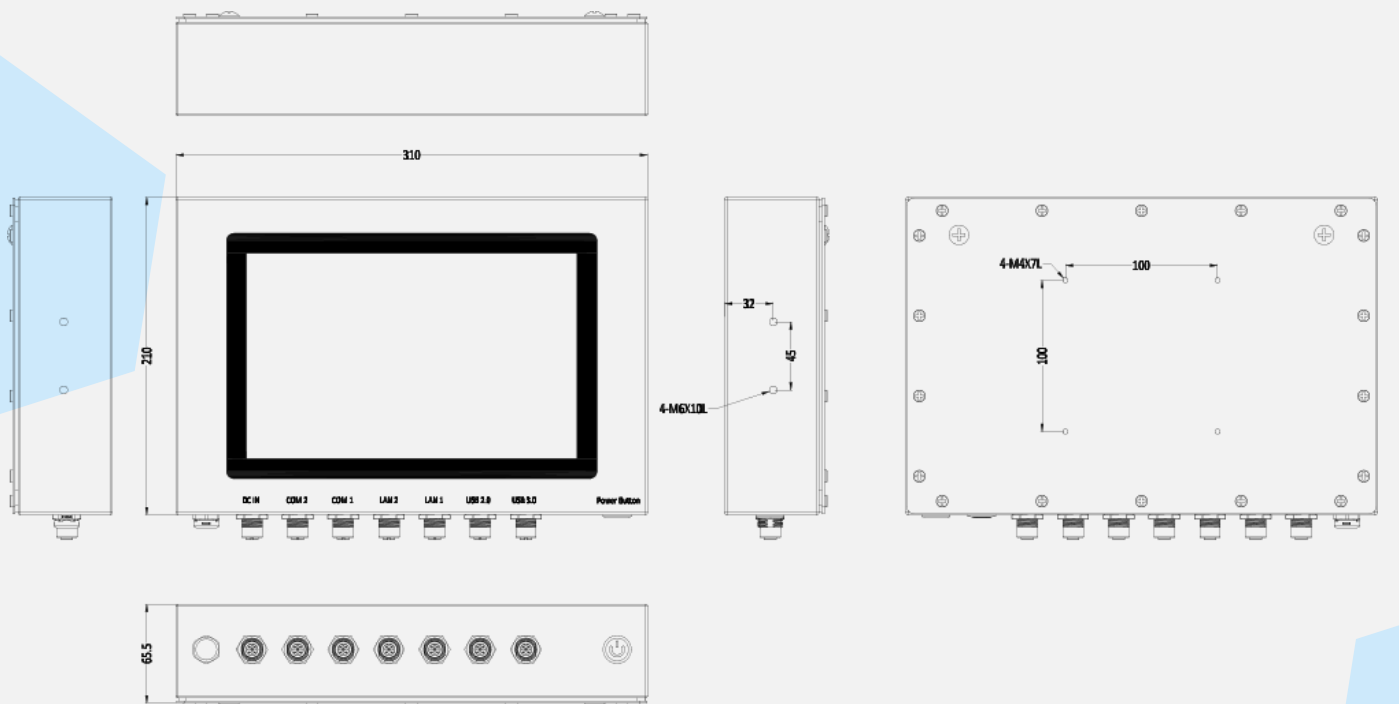
## Specifications

| Model            |                        | PPC-Z1064PW                                                            | PPC-Z1064RW      |
|------------------|------------------------|------------------------------------------------------------------------|------------------|
| Processor System | CPU                    | Intel® Celeron® J6412 Processor                                        |                  |
|                  | Frequency              | up to 2.60GHz                                                          |                  |
|                  | BIOS                   | UEFI                                                                   |                  |
|                  | TPM                    | fTPM                                                                   |                  |
| Memory           | Technology             | Dual Channel DDR4 3200MHz (un-buffered and non-ECC)                    |                  |
|                  | Max. Capacity          | Support up to 32GB                                                     |                  |
|                  | Type                   | 2 x 260-pin SO-DIMM                                                    |                  |
| Panel            | Panel Type             | 10.1" WXGA LCD                                                         |                  |
|                  | Aspect Ratio           | 16:10                                                                  |                  |
|                  | Resolution             | 1280 x 800                                                             |                  |
|                  | Brightness             | 500cd/m <sup>2</sup>                                                   |                  |
|                  | Color                  | 16.2M                                                                  |                  |
|                  | Contrast Ratio         | 800:1                                                                  |                  |
|                  | Viewing Angle          | 170 (H) x 170 (V)                                                      |                  |
|                  | Backlight MTBF (typ.)  | 50,000Hrs                                                              |                  |
| Touchscreen      | Touchscreen Type       | Projected Capacitive (P-CAP)                                           | 5-wire Resistive |
|                  | Surface Hardness       | 7Mohs                                                                  | 3Mohs            |
|                  | Transparency           | 90% (±3%)                                                              | 80% (±3%)        |
| I/O Interface    | Ethernet               | 2 x GbE (Intel® I210-AT) (M12 Connector)                               |                  |
|                  | Serial Port            | 2 x RS-232/422/485 (M12 Connector)                                     |                  |
|                  | USB                    | 2 x USB2.0 (from 1 x M12 Connector)<br>1 x USB3.2 Gen1 (M12 Connector) |                  |
|                  | Audio                  | N/A                                                                    |                  |
| Storage          | 2.5" SSD/HDD           | Internal 1 x 2.5" SSD/HDD                                              |                  |
|                  | M.2                    | Internal 1 x M.2 2280 M-Key (PCIe x2, SATA)                            |                  |
| Expansion        | Mini-PCIe              | 1 x Full-Size Mini-PCIe with SIM slot (PCIe, USB2.0 and SIM)           |                  |
|                  | M.2                    | 1 x M.2 2280 M-Key (PCIe x2, SATA)                                     |                  |
| Power            | Power Mode             | AT/ATX                                                                 |                  |
|                  | Power Supply Voltage   | 12~36V DC Input                                                        |                  |
|                  | Power Connector Type   | M12 Connector                                                          |                  |
| Environment      | Operating Temperature  | -10°C ~ +60°C                                                          |                  |
|                  | Storage Temperature    | -30°C ~ +70°C                                                          |                  |
|                  | Humidity               | 10% ~ 95%, Non-condensing                                              |                  |
|                  | Vibration              | 2.16Grms, 5 - 500Hz, 0.5hr/axis                                        |                  |
|                  | Shock                  | 20G, half sine, 11ms                                                   |                  |
| General          | Certification          | CE/FCC Class A                                                         |                  |
|                  | Ingress Protection     | Full System IP66/69K                                                   |                  |
|                  | Material               | Full SUS304 Stainless Steel (Optional SUS316)                          |                  |
|                  | Mounting               | VESA (100 x 100mm) / Yoke / Wall                                       |                  |
|                  | Dimensions (W x H x D) | 310 x 210 x 65.5mm                                                     |                  |
|                  | Net Weight             | 3.15kg                                                                 |                  |
|                  | Operating System       | Windows 10 IoT, Windows 11 (IoT/Professional), Linux                   |                  |

## PPC-Z1064PW Dimension



## PPC-Z1064RW Dimension



## Viewing

