

PPC-Z2112PW/RW

21.5" IP66/69K Stainless Steel Panel PC with Intel® Core™ i5-1235U Processor



Applications

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

Features

- 21.5" 1920 x 1080 Resolution, 250nits Panel
- Intel® Core™ i5-1235U 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
- RFID Reader Supports Mifare® Cards

Ordering Information

| Part No. | Description |
|-------------|---|
| PPC-Z2112PW | 21.5" 16:9 (1920 x 1080) FHD, 250nits, P-CAP Touch, Full Stainless Steel 304, Intel® Core™ i5-1235U, 1 x IP67 Front USB3.2, M12 Connectors (2 x 2.5GbE, 2 x RS-232/422/485, 1 x USB3.2, 1 x USB2.0 (x2), 9~36VDC), RFID Reader |
| PPC-Z2112RW | 21.5" 16:9 (1920 x 1080) FHD, 250nits, 5-wire Resistive Touch, Full Stainless Steel 304, Intel® Core™ i5-1235U, 1 x IP67 Front USB3.2, M12 Connectors (2 x 2.5GbE, 2 x RS-232/422/485, 1 x USB3.2, 1 x USB2.0 (x2), 9~36VDC), RFID Reader |

Packing List

Description

1 x PPC-Z2112PW/RW

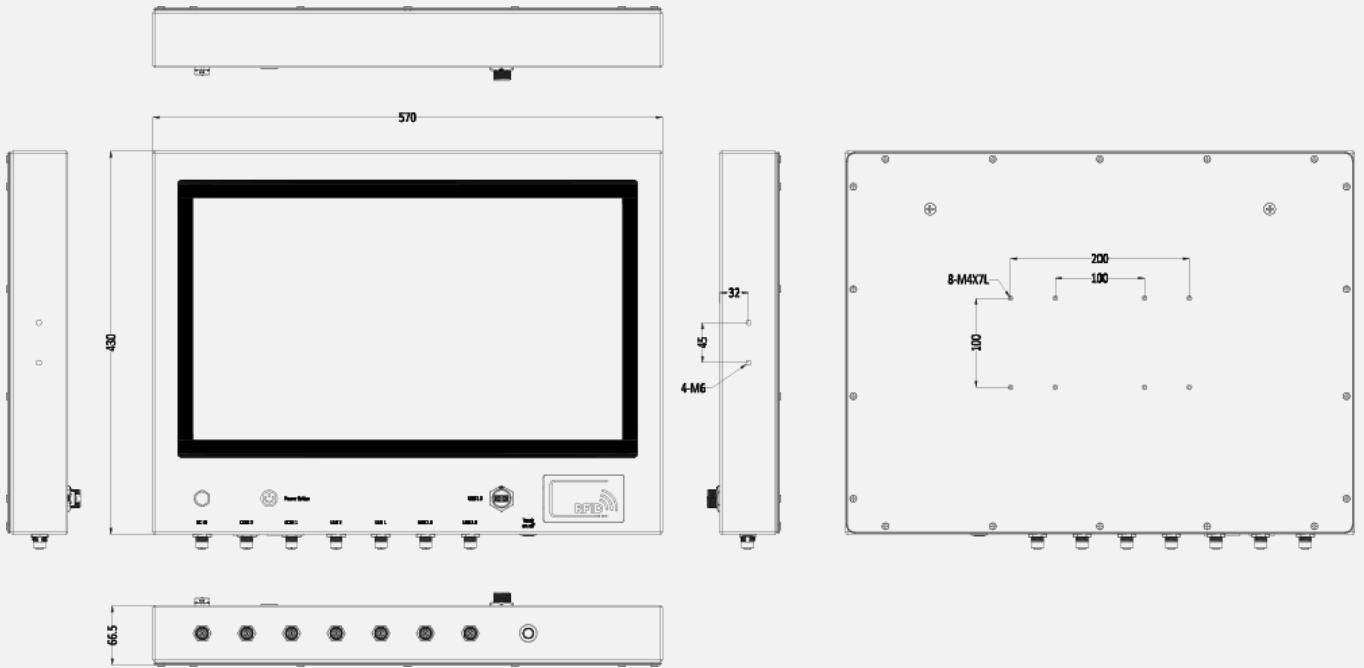
Optional Items

| Part No. | Description |
|------------------------|--|
| EA-APW-80M12Vxx01-0111 | Adapter AC/DC 12V 6.7A 80W with M12 Connector |
| 27-x301000003-CA | Power Cord, 3-pin US Type, 180 cm |
| 27-x301010005-CA | Power Cord, 3-pin EU Type, 180 cm |
| 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-TPM20 | TPM 2.0 Module |
| AWD-WF010 | Wi-Fi 802.11 a/b/g/n/ac/BT5.0 (2T2R) + 2 IP66 Antennas (Dual Band), M.2 2230 |
| AWD-WF012 | Wi-Fi 802.11 ax/ac/a/b/g/n/BT5.3 (1T1R) + 2 IP66 Antenna (Dual Band), M.2 2230 |
| ACS-Z215-SWM | Stainless Steel 304 Wall Mount Kits, Thickness 3mm for PPC-Z21XX |
| ACS-Z215-SYK | Stainless Steel 304 Yoke Mount Kits, Thickness 3mm for PPC-Z21XX |

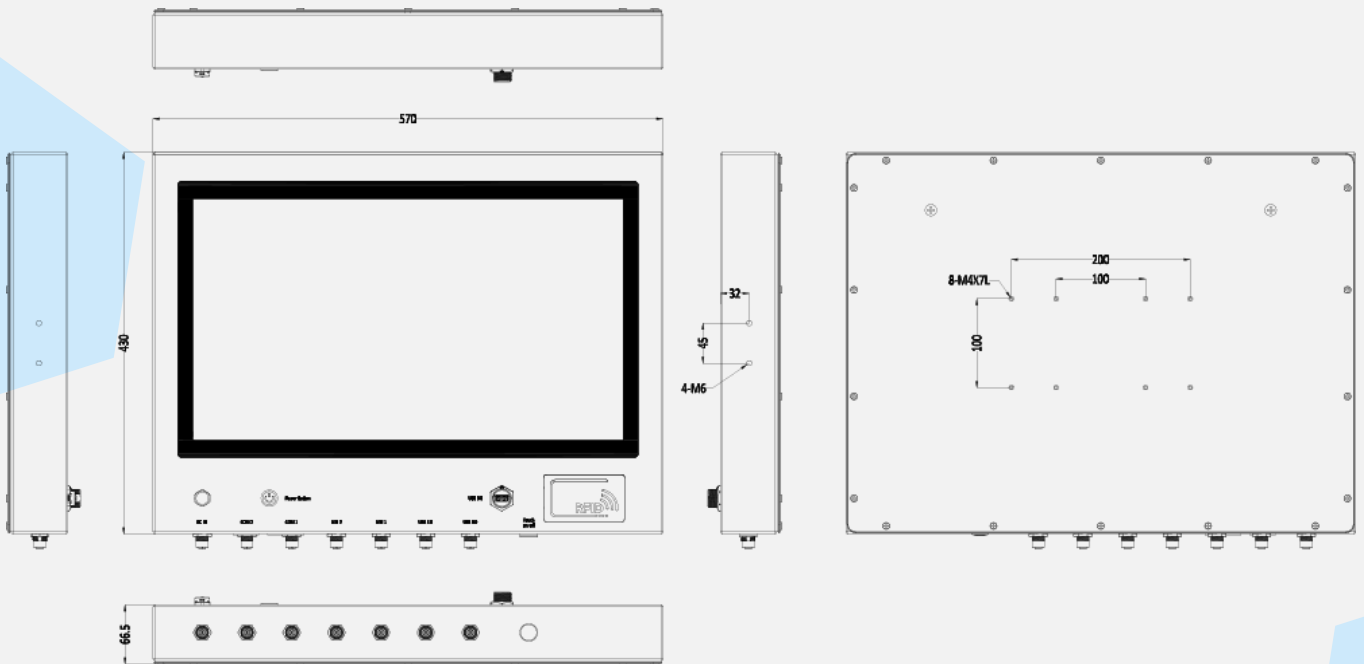
Specifications

| Model | | PPC-Z2112PW | PPC-Z2112RW |
|------------------|------------------------|--|------------------|
| Processor System | CPU | Intel® Core™ i5-1235U Processor (Optional for Core™ i3-1215UE Processor) | |
| | Frequency | up to 4.40GHz | |
| | BIOS | UEFI | |
| | TPM | fTPM (Optional for dTPM) | |
| Memory | Technology | Dual Channel DDR4 3200MHz (un-buffered and non-ECC) | |
| | Max. Capacity | Support up to 64GB | |
| | Type | 2 x 260-pin SO-DIMM | |
| Panel | Panel Type | 21.5" FHD LCD | |
| | Aspect Ratio | 16:9 | |
| | Resolution | 1920 x 1080 | |
| | Brightness | 250cd/m ² | |
| | Color | 16.7M | |
| | Contrast Ratio | 5000:1 | |
| | Viewing Angle | 178 (H) x 178 (V) | |
| | Backlight MTBF (typ.) | 30,000Hrs | |
| 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 2.5GbE (Intel® I226-V) (M12 Connector) | |
| | Serial Port | 2 x RS-232/422/485 (M12 Connector) | |
| | USB | 2 x USB2.0 (from 1 x M12 Connector) 1 x USB3.2 Gen2 (M12 Connector) 1 x USB3.2 Gen2 (IP67 connector) | |
| | Audio | N/A | |
| | Other | RFID Reader (UID Reader only, CARD TYPE:ISO 18092 Felica, ISO 14443A Mifare® Class, Ultralight, Frequency: 13.56MHz) | |
| Storage | 2.5" SSD | Internal 1 x 2.5" SSD (SATA RAID 0/1) | |
| | M.2 | Internal 1 x M.2 2280 M-Key (PCIe Gen 4x4, 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 Gen 4x4, SATA) 1 x M.2 2230 E-Key | |
| Power | Power Mode | AT/ATX | |
| | Power Supply Voltage | 9~36V DC Input | |
| | Power Connector Type | M12 Connector | |
| Environment | Operating Temperature | -10C ~ +60°C | |
| | Storage Temperature | -30C ~ +70°C | |
| | Humidity | 10% ~ 95%, Non-condensing | |
| | Vibration | IEC 60068-2-64: 1.5Grms, random, 5~500 Hz, 1hr/axis | |
| | Shock | IEC 60068-2-27: 15G, half-sine, 11ms duration | |
| 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) | 570 x 430 x 66.5mm | |
| | Net Weight | 12.0kg | |
| | Operating System | Windows 10 IoT, Windows 11 (IoT/Professional), Linux | |

PPC-Z2112PW Dimension



PPC-Z2112RW Dimension



Viewing

