PPC-Z1512P/R

15” 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

- 15” 1024 x 768 Resolution, 350nits Panel
- Intel® Core™ i5-1235U onboard Processor
- True Flat, Easy-to-clean Front Panel Design
- Grade 304 Stainless Steel Enclosure (Grade 316L 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-Z1512P	15" 4:3 (1024 x 768) XGA, 350nits, P-CAP Touch, Full Stainless Steel 304, Intel® Core™ i5-1235U, M12 Connectors (2 x 2.5GbE, 2 x RS-232/422/485, 1 x USB3.2, 1 x USB2.0 (x2), 9~36VDC)
PPC-Z1512R	15" 4:3 (1024 x 768) XGA, 350nits, 5-wire Resistive Touch, Full Stainless Steel 304, Intel® Core™ i5-1235U, M12 Connectors (2 x 2.5GbE, 2 x RS-232/422/485, 1 x USB3.2, 1 x USB2.0 (x2), 9~36VDC)

Packing List

Description
1 x PPC-Z1512P/R

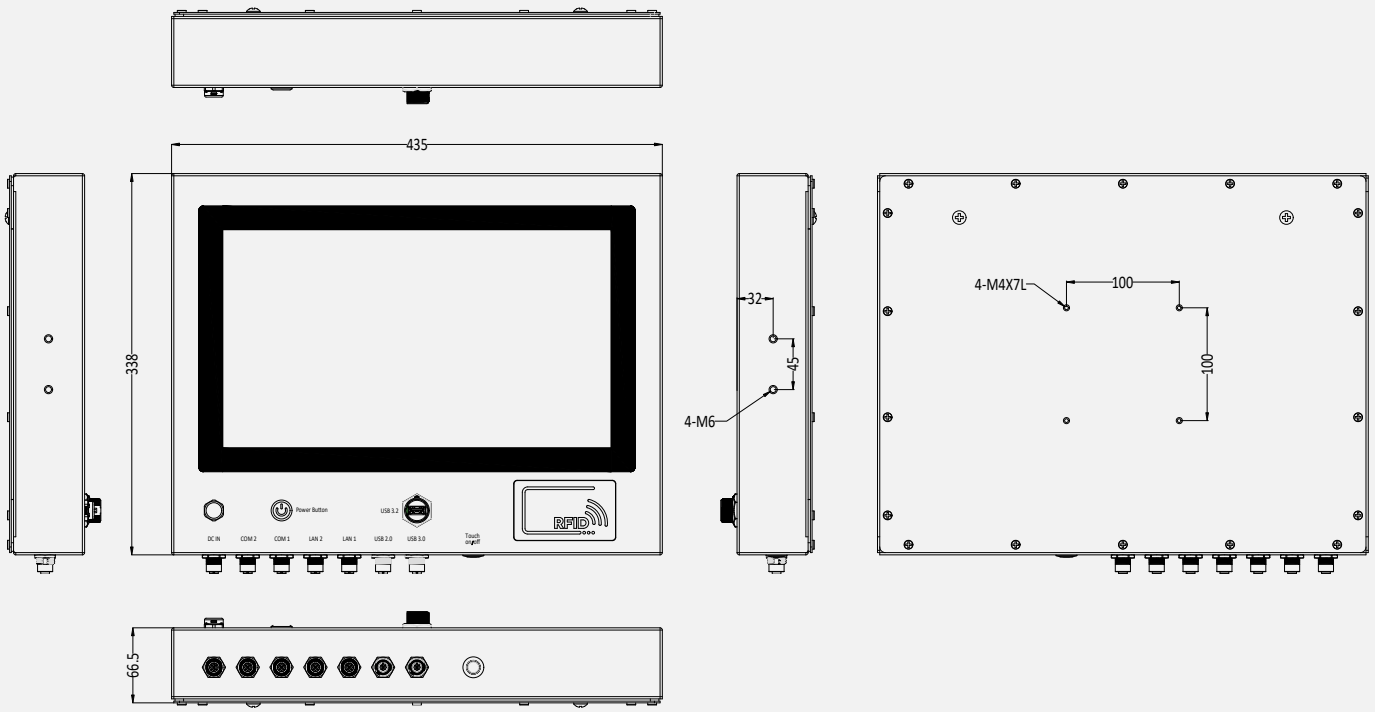
Optional Items

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 Antenna (Dual Band), M.2 2230
AWD-WF012	Wi-Fi 802.11 ax/ac/a/b/g/n/BT5.3 (2T2R) + 2 IP66 Antenna (Dual Band), M.2 2230
ACS-Z150-SWM	Stainless Steel 304 Wall Mount Kits, Thickness 3mm for PPC-Z15XX
ACS-Z150-SYK	Stainless Steel 304 Yoke Mount Kits, Thickness 3mm for PPC-Z15XX

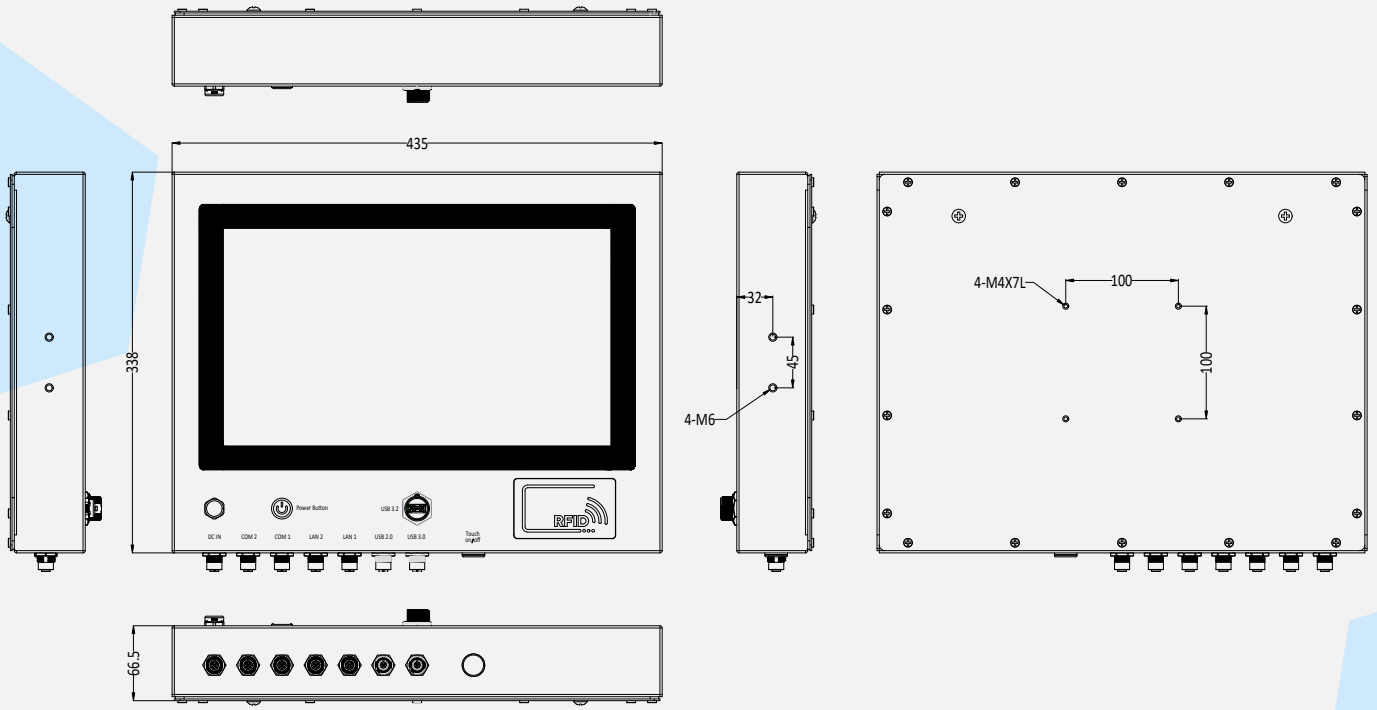
Specifications

Model		PPC-Z1512P	PPC-Z1512R
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	15" XGA LCD	
	Aspect Ratio	4:3	
	Resolution	1024 x 768	
	Brightness	350cd/m²	
	Color	16.2M	
	Contrast Ratio	2500:1	
	Viewing Angle	176 (H) x 176 (V)	
	Backlight MTBF (typ.)	70,000Hrs	
Touchscreen	Touchscreen Type	Projected Capacitive (P-CAP)	Touchscreen
	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)	
	Audio	N/A	
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 SUS316L)	
	Mounting	VESA (100 x 100mm) / Yoke / Wall	
	Dimensions (W x H x D)	435 x 338 x 66.5mm	
	Net Weight	7.45kg	
	Operating System	Windows 10 IoT, Windows 11 (IoT/Professional), Linux	

PPC-Z1512P Dimension



PPC-Z1512R Dimension



Viewing