

PPC-Z1912P/R

19" 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

- 19" 1280 x 1024 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-Z1912P	19" 4:3 (1280 x 1024) SXGA, 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-Z1912R	19" 4:3 (1280 x 1024) SXGA, 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-Z1912P/R

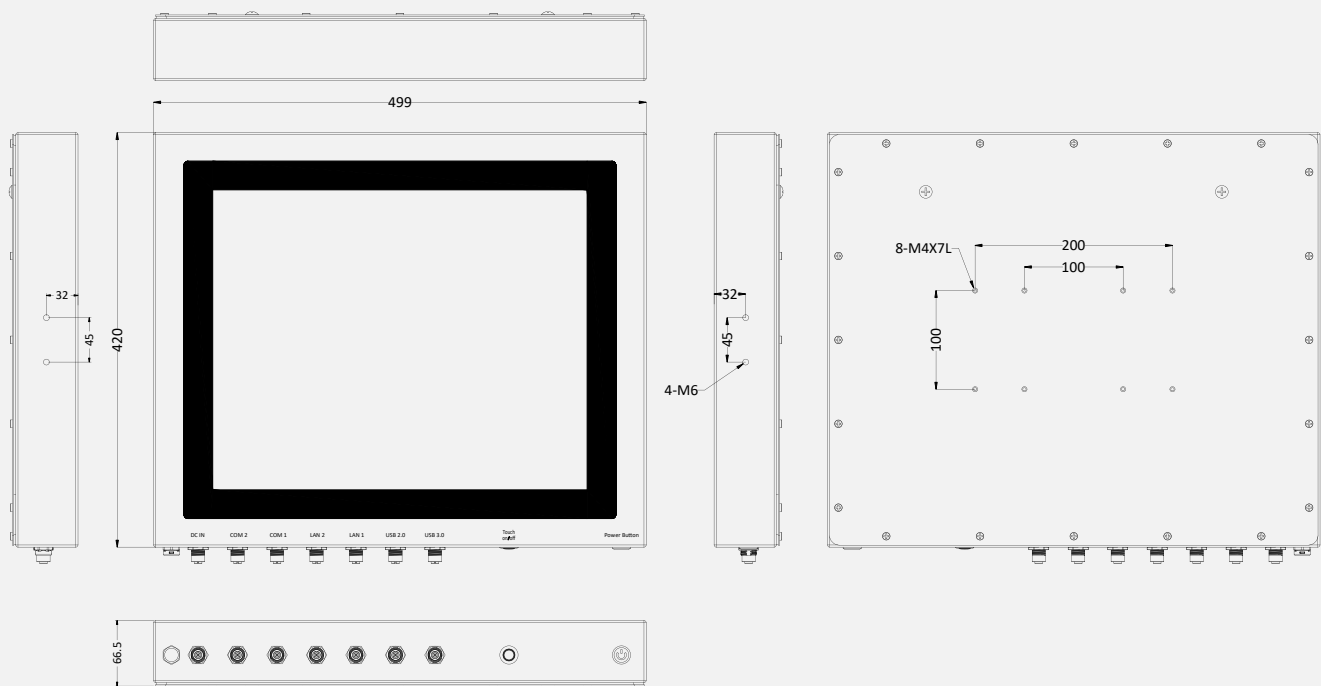
Optional Items

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 Antennas (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-Z190-SWM	Stainless Steel 304 Wall Mount Kits, Thickness 3mm for PPC-Z19XX
ACS-Z190-SYK	Stainless Steel 304 Yoke Mount Kits, Thickness 3mm for PPC-Z19XX

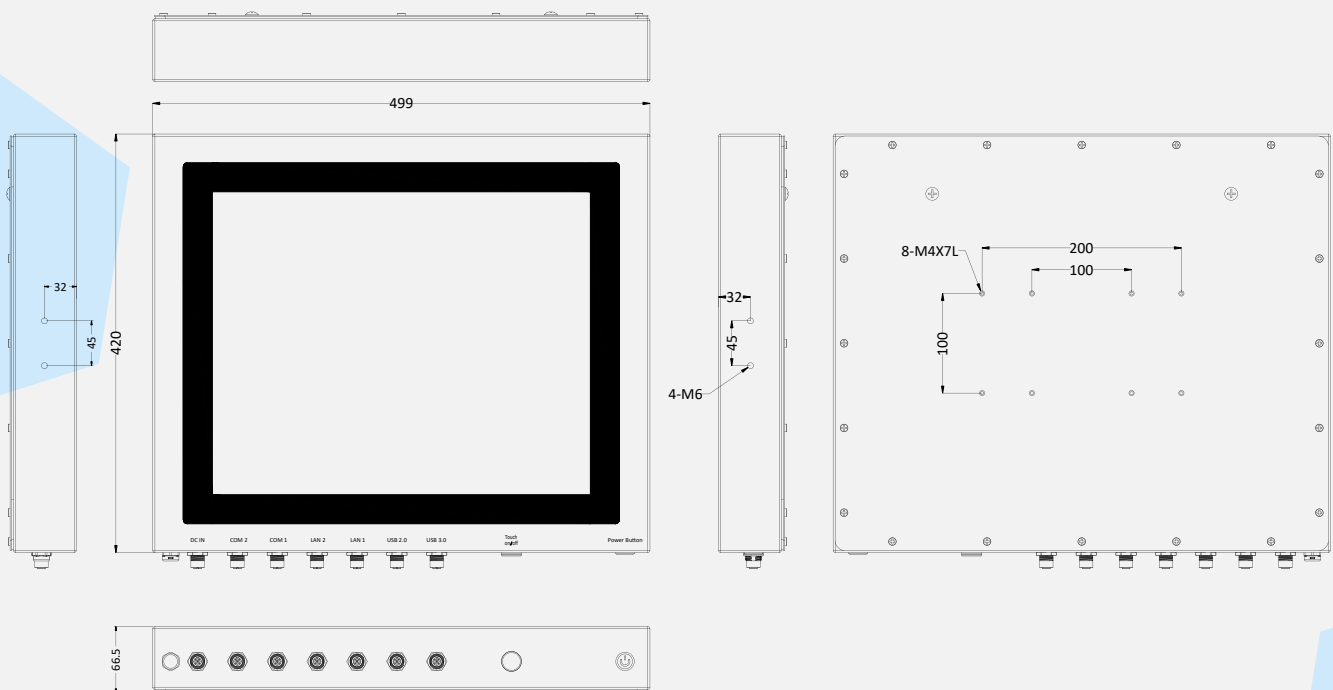
Specifications

Model		PPC-Z1912P		PPC-Z1912R	
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	19" SXGA LCD			
	Aspect Ratio	4:3			
	Resolution	1280 x 1024			
	Brightness	350cd/m²			
	Color	16.7M			
	Contrast Ratio	1000:1			
	Viewing Angle	170 (H) x 160 (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)	499 x 420 x 66.5mm			
	Net Weight	10.0kg			
	Operating System	Windows 10 IoT, Windows 11 (IoT/Professional), Linux			

PPC-Z1912P Dimension



PPC-Z1912R Dimension



Viewing

