

17" IP66/69K Waterproof Stainless Steel Touch Panel PC with Intel® Pentium® N4200 Processor



Features

- 17" SXGA LCD Panel with P-CAP/5 Wire Resistive Touch
- Intel® Pentium® N4200 Processor
- Completely Flat Front Panel Design
- Stainless Steel Full IP66/69K Waterproof
- Support VESA Mounting and Yoke Mounting

Applications

- Food & Beverage Processing Application
- Hospitality and Catering Service
- Pharmaceutical and Biopharmaceutical Equipment
- Animal Feed Production Facility
- Chemical, Gas & Oil Critical Environment

→ Packing List

Description
1 x PPC-Z173

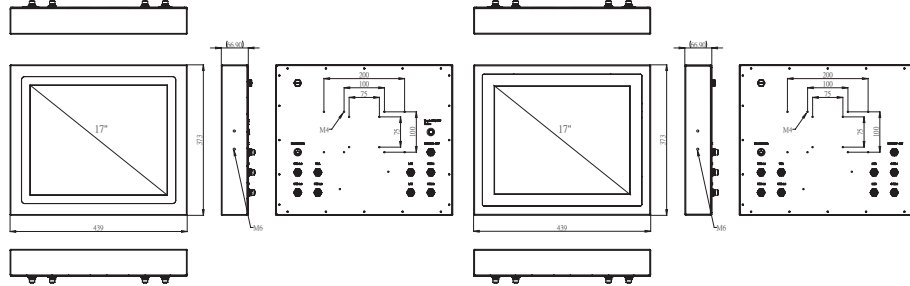
→ Optional Items

Part No.	Description
APW-60M12V-01	12V, 60W, 5A, 5-pin M12 Connector (US)
APW-60M12V-02	12V, 60W, 5A, 5-pin M12 Connector (EU)
AKT-USB2M12	M12 Connector to 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	wifi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 IP66 antenna(dual band), miniPCIe Half size
AWD-WF007	wifi 802.11 b/g/n/BT4.0 (1T1R) + 1 IP66 antenna(dual band), mini PCIe Half size

→ Ordering Information

Part No.	Description
PPC-Z173P-B6A1	17" 4:3 (1280 x 1024), 350nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Pentium® N4200 CPU, Projected Capacitive Touch, 4G RAM, 128G M.2, 1 VGA, 2 USB 3.0, 1 x M12 for 2 USB2.0, 1 RS232, 1 RS-232/422/485, 2 GbE, DC 9-36 V (M12 Connector)
PPC-Z173R-B6A1	17" 4:3 (1280 x 1024), 350nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Pentium® N4200 CPU, 5 Wire Resistive Touch, 4G RAM, 128G M.2, 1 VGA, 2 USB 3.0, 1 x M12 for 2 USB2.0, 1 RS232, 1 RS-232/422/485, 2 GbE, DC 9-36 V (M12 Connector)

→ Dimensions



→ Specifications

Model		PPC-Z173P-B6A1	PPC-Z173R-B6A1
Processor System	CPU	Intel® Pentium® N4200	
	Frequency	Dual-Core up to 2.5 GHz	
	L2 Cache	2 MB	
	System Chipset	N/A	
	BIOS	UEFI	
Memory	Technology	DDR3L 1866 MHz SDRAM	
	Max. Capacity	8 GB	
	Socket/ (On Board)	Dual SO-DIMM Socket	
Display	Panel Size	17" LCD Panel	
	Aspect Ratio	4:3	
	Resolution	1280 x 1024 (SXGA)	
	Viewing Angle	80 x 80 (H) x 60 x 80 (V)	
	Brightness	350 (cd/m2)	
	Contrast Ratio	800:1	
	VGA / HDMI / DP / DVI	1, VGA, Up to 1920 x 1200 @ 60Hz, M12 Connector	
	Multi Display	LCD + VGA	
Touchscreen	Touchscreen Type	Projected Capacitive	5-wire Resistive Touch
	Surface Hardness	7 Mohs	3 Mohs
	Durability	N/A	36 millions times
	Transparency	90% (±3%)	80% (±3%)
I/O Interface	USB	4, 2 USB 3.0, 1 x M12 for 2 USB2.0 (M12 Connector)	
	Serial Port	2, COM (1 RS-232, 1 RS-232/422/485), (M12 Connector)	
	Digital I/O	N/A	
	Ethernet	Dual GbE, 10/100/1000 Mbps (Intel i219V, i211), M12 Connector	
	Others	N/A	
Expansion	miniPCIe/ M.2 Slot	1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0)	
	PCI/ PCIe Slot	N/A	
Audio	Connector	N/A	
Storage	HDD/SSD	N/A(by option)	
	mSATA/ M.2 / eMMC	Supports 1 M.2 B/M Key 2242 (SATA III)	
Power	Power On Model	AT/ATX	
	Power Supply Voltage	9-36 V DC input	
	Connector Type	M12 Connector	
	Power Consumption(Typical/Max.)	Typical: 2.38 A @ 12 V (28.56 W), Max: 3.63 A @ 12 V (43.64 W)	
	Battery	Lithium 3 V / 210 mAH	
Mounting	VESA Mount	75mmx 75mm; 100mm x 100mm : 200mm x 200 mm	
	Panel Mount	N/A	
	Others	Yoke Mount	
Environment	Operating Temperature	-20~60° C (-4~140° F) w/ 2.5" Extended Temperature SSD	
	Storage Temperature	-40~85° C (-40~185° F)	
	Humidity	5~95% @ 40° C, non-condensing	
	Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis	
	Shock	20 G, IEC 60068-2-27, half sine, 11 ms duration	
General	Certification	CE, FCC Class A	
	Thermal Dissipation	Fanless System	
	Material, Surface Finish	Stainless steel 316, Brush polish	
	Ingress Protection	Full IP66/IP69K Protection	
	Dimensions (L x W x H)	439 x 373 x 66.9 mm (17.28" x 14.69" x 2.63")	
	Net Weight	7.77 kg (17.13 lb)	
	Operating System	Windows 10 IoT, Linux	