

27" 4K IP69K Waterproof Stainless Steel 316 P-Cap Touch Fanless Panel PC,
Intel 8th/9th Gen Coffeelake CPU with nVidia GTX graphic Card and 4K HDMI Frame Grabber



Reference only

Features

- 27"4K (3840 x2160) 800nits LCD Panel with P-Cap Multi-touch
- Support nVidia GTX 1660 Graphic Card
- Support 4K HDMI Frame grabber
- 4 USB3.1 Gen2, 2 USB 2.0, 2 LAN and 2 COM ports
- Stainless Steel SUS316, 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
- Medical Application

→ Packing List

Description
1 x PPC-Z278PW
1 x IP67 AC Power Cord

→ Optional Items

Part No.	Description
AKT-USB2M12	M12 Connector to USB2.0 Cable, 2m
AKT-COM2M12	M12 Connector to DB9 Cable, 2m
AKT-LAN2M12	M12 Connector to LAN Cable, 2m
AKT-USB32M12	M12 Connector to USB3.0 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 (1T1R) + 1 IP66 antenna(dual band), Half size miniPCIe, for PPC Z-series

→ Ordering Information

Part No.	Description
PPC-Z278PW-B61A1	27" 16:9 (3840 x 2160), 800nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® 8/9th Gen Core™ i LGA1151 CPU, Q370, P-Cap Touch, 8G RAM, 128G SSD, 4 USB 3.0, 2 USB 2.0, 2 RS-232/422/485, 2 GbE(M12 Connector), 100~240V AC IP67 Connector
PPC-Z278PW-B62A1	27" 16:9 (3840 x 2160), 800nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® 8/9th Gen Core™ i LGA1151 CPU, Q370, P-Cap Touch, 8G RAM, 128G SSD, 4 USB 3.0, 2 USB 2.0, 2 RS-232/422/485, 2 GbE(M12 Connector), 100~240V AC IP67 Connector, Build in GTX-1660 and 4K HDMI Capture Card

→ Dimensions

→ Specifications

Model		PPC-Z278PW-B61A1	PPC-Z278PW-B62A1
Processor System	CPU	Socket LGA 1151 for Intel®Core™ i7/i5/i3/Celeron (Coffeelake-S), Support i7-8700T/ i5-8500T/ i3-8100T	
	Frequency	By CPU	
	L2 Cache	By CPU	
	System Chipset	Intel Q370	
	BIOS	UEFI	
Memory	Technology	Dual-channel DDR4 2400/2666 MHz SDRAM	
	Max. Capacity	32 GB	
	Socket/ (On Board)	2, (260-pin SO-DIMM)	
Display	Panel Size	27" LCD Panel	
	Aspect Ratio	16:9	
	Resolution	3840 x 2160 (4K)	
	Viewing Angle	89 x 89 (H) x 89 x 89 (V)	
	Brightness	800 (cd/m2)	
	Contrast Ratio	1000:1	
	VGA / HDMI / DP / DVI	N/A	
Touchscreen	Multi Display	LCD Panel	
	Touchscreen Type	Projected Capacitive Touch	
	Surface Hardness	3 Mohs	
	Durability	36 millions times	
I/O Interface	Transparency	80% (±3%)	
	USB	4, 4 USB 3.1 Gen2 (IP67 Connector), 2 USB 2.0 (M12 Connector)	
	Serial Port	2, COM (2 RS-232/422/485), M12 Connector	
	Digital I/O	N/A	
	Ethernet	2, GbE LAN ports (Intel® i219V and Intel® i211AT)	
Expansion	Others	N/A	Build in 1 Channel HDMI 4K Frame Grabber
	miniPCIe/ M.2 Slot	1, Mini PCIe (Full-size); 1, M.2 E Key 2230 (USB/ PCIe x1)	
	PCI/ PCIe Slot	1, PCIe x16 Expansion Slot	Build in nVidia GTX-1660 Graphic Card
Audio	Connector	N/A	
Storage	HDD/SSD	2, Internal 2.5" HDD/SSD, Support RAID 0/1	
	mSATA/ M.2 / eMMC	1, M.2 M Key 2280 (SATA III / PCIe x4)	N/A
Power	Power On Model	AT/ATX	
	Power Supply Voltage	100~240V AC input	
	Connector Type	AC IP67 Connector	
	Power Consumption(Typical/Max.)	TBD	
Mounting	VESA Mount	75mmx 75mm; 100mm x 100mm, 100 x 200mm	
	Panel Mount	N/A	
	Others	Yoke Mount	
Environment	Operating Temperature	0~40° C (32~104 F)	
	Storage Temperature	-20~70° C (-4~158° F)	
	Humidity	5~95% @ 40° C, non-condensing	
	Vibration	TBD	
General	Shock	TBD	
	Certification	TBD	
	Thermal Dissipation	Fanless	
	Material, Surface Finish	Stainless steel 316, Brush polish	
	Ingress Protection	Full IP66/IP69K Protection	
	Dimensions (L x W x H)	TBD	
General	Net Weight	TBD	
	Operating System	Windows 10 IoT 64Bit, Window 10 Professional	