

21.5" IP66/69K Waterproof Stainless Steel 316 P-CAP/5 Wire Resistive Touch Panel PC with kabylake-U Intel® Core™ i3-7100U / i5-7200U Processor



Features

- 21.5"(1920 x1080) LCD Panel with P-CAP/5 Wire Resistive Touch
- Support Dual Ethernet, 1 USB 3.0, 1 M12 for 2 USB 2.0 and 2 COM M12 Connector
- Support Front IP67 USB3.0 and RFID Reader
- 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-Z217

→ 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 2 port USB2.0 Cable, 2m
AKT-COM2M12	M12 Connector to DB9 Cable, 2m
AKT-LAN2M12	M12 Connector to LAN Cable, 2m
AKT-USB31M12	M12 Connector to USB3.0 Cable, 1.8m
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

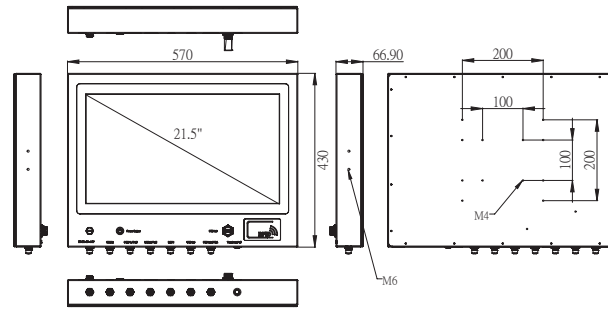
→ Ordering Information

Part No.	Description
PPC-Z217PW-B61A1	21.5" 16:9 (1920 x 1080), 250nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i5-7200U CPU, Projected Capacitive Touch, 4G RAM, 128G M.2 TLC, 1 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), 1 IP67 Front USB 3.0, RFID Reader
PPC-Z217PW-B62A1	21.5" 16:9 (1920 x 1080), 250nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i3-7100U CPU, Projected Capacitive Touch, 4G RAM, 128G M.2 TLC, 1 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), 1 IP67 Front USB 3.0, RFID Reader
PPC-Z217RW-B61A1	21.5" 16:9 (1920 x 1080), 250nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i5-7200U CPU, 5 Wire Resistive Touch, 4G RAM, 128G M.2, 1 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), 1 IP67 Front USB 3.0, RFID Reader
PPC-Z217RW-B62A1	21.5" 16:9 (1920 x 1080), 250nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Core i3-7100U CPU, 5 Wire Resistive Touch, 4G RAM, 128G M.2, 1 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), 1 IP67 Front USB 3.0, RFID Reader

PPC-Z217

Arestech

➔ Dimensions



➔ Specifications

	Model	PPC-Z217PW-B61A1	PPC-Z217PW-B62A1	PPC-Z217RW-B61A1	PPC-Z217RW-B62A1
Processor System	CPU	Intel® Core® i5-7200U		Intel® Core® i3-7100U	Intel® Core® i5-7200U
	Frequency	Duad-Core up to 3.1 GHz		Duad-Core up to 2.4 GHz	Duad-Core up to 3.1 GHz
	L2 Cache	Intel® Smart Cache 3 MB			
	System Chipset	N/A			
	BIOS	UEFI			
Memory	Technology	DDR4 2133 MHz SDRAM			
	Max. Capacity	32 GB			
	Socket/ (On Board)	2, (260-pin SO-DIMM)			
Display	Panel Size	21.5" LCD Panel			
	Aspect Ratio	16:9			
	Resolution	1920 x 1080 (Full HD)			
	Viewing Angle	85 x 85 (H) x 80 x 80 (V)			
	Brightness	250 (cd/m2)			
	Contrast Ratio	1000:1			
	VGA / HDMI / DP / DVI	N/A			
	Multi Display	LCD Panel			
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, 1 USB 3.0 , 1 x M12 for 2 USB2.0, M12 Connector ; 1 USB3.0 (IP67 Connector)			
	Serial Port	2, COM (1 RS-232, 1 RS-232/422/485), M12 Connector			
	Digital I/O	N/A			
	Ethernet	2, GbE LAN ports (Intel® i219V and Intel® i211AT)			
	Others	RFID Reader (UID Reader only, CARD TYPE:ISO 18092 Felica, ISO 14443A Mifare® Class, Ultralight), Ferquency: 13.56MHz * Also can option 125 kHz card types supported proximity cards: Cotag, Deister, GProx-II ID, ID Teck Alternate (128 bits), Isonas, NEDAP, and Postech. 13.56 MHz card types supported contactless cards: NFC 1 (Topaz), iCLASS Seos, ISO 14443B, FeliCa (NFC 3), CEPAS, Oyster, Ferquency : 125 kHz and 13.56 MHz (This RFID by option)			
Expansion	M.2 Slot	1, M.2 E Key 2230 (USB/ PCIe x1)			
	miniPCle	1, Mini PCle (Full-size)			
Audio	Connector	N/A			
Storage	HDD/SSD	N/A(by option)			
	mSATA/ M.2 / eMMC	1, M.2 M Key 2280 (SATA III / PCIe x4)			
Power	Power On Model	AT/ATX			
	Power Supply Voltage	9-36 V DC input			
	Connector Type	M12 Connector			
	Power Consumption(Typical/Max.)	Typical : 3A @ 12V (36W), Max : 3.58A @ 12V (43W)			
	Battery	CR2032;3.3V			
Mounting	VESA Mount	200mm x 200mm; 100mm x 100mm			
	Panel Mount	N/A			
	Others	Yoke Mount			
Environment	Operating Temperature	-20~60° C (-4~140° F) w/ Extended Operation Temp. RAM & Storage			
	Storage Temperature	-40~85° C (-40~185° F)			
	Humidity	5~95% @ 40° C, non-condensing			
	Vibration	5-500 Hz, 0.026 G²/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			
	Thermal Dissipation	Fanless			
	Material, Surface Finish	Stainless steel 316, Brush polish			
	Ingress Protection	Full IP66/IP69K Protection			
	Dimensions (L x W x H)	570 x 430 x 66.9 mm (22.44" x 16.93" x 2.63")			
	Net Weight	12 kg (26.45 lb)			
	Operating System	Windows 10 IoT 64Bit. Linux kernal 4.0.x or above			