

21.5" IP66/69K Stainless Steel 316 Projected Capacitive / 5-wire Resistive Panel PC with Kabylake-U Intel®Core™i5-7200U / i3-7100U Processor



## Key Features

- RFIDReader Supports Mifare Cards
- Downward I/O Design to Save Space & Prevent Water from Lingering
- AGROSS316 Pressure Balance Element, Preventing Water Condensation
- Supports VESA, Yoke, and Wall Mount
- 1x IP67 USB3.0 Connector

## Applications

- Food & Beverage Processing
- Hospitality & Catering Service
- Pharmaceutical Equipment
- Animal Feed Production Facility
- Chemical Critical Environment
- Medical Environment

## Ordering Information

Part No.	Description
PPC-Z217PW-B61A1	21.5" 16:9 (1920 x 1080), 250 nits, 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, 1x IP67 Front USB3.0, 1x USB3.0, 1x M12 for 2x USB2.0, 1x RS232, 1x RS-232/422/485, 2x GbE, RFIDReader, DC9~36 V (M12 Connector)
PPC-Z217PW-B62A1	21.5" 16:9 (1920 x 1080), 250 nits, 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, 1x IP67 Front USB3.0, 1x USB3.0, 1x M12 for 2x USB2.0, 1x RS232, 1x RS-232/422/485, 2x GbE, RFIDReader, DC9~36 V (M12 Connector)
PPC-Z217RW-B61A1	21.5" 16:9 (1920 x 1080), 250 nits, 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 TLC, 1x IP67 Front USB3.0, 1x USB3.0, 1x M12 for 2x USB2.0, 1x RS232, 1x RS-232/422/485, 2x GbE, RFIDReader, DC9~36 V (M12 Connector)
PPC-Z217RW-B62A1	21.5" 16:9 (1920 x 1080), 250 nits, 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 TLC, 1x IP67 Front USB3.0, 1x USB3.0, 1x M12 for 2x USB2.0, 1x RS232, 1x RS-232/422/485, 2x GbE, RFIDReader, DC9~36 V (M12 Connector)

## 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	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R)+ 2 IP66 Antennas (Dual Band), Half Size
AWD-WF007	Wi-Fi 802.11 b/g/n/BT4.0 (1T1R)+ 1 IP66 Antenna (Dual Band), Half Size
ACS-Z215-SWM	Stainless Steel 316 Wall Mount Kits, Thickness 3 mm
ACS-Z215-SYK	Stainless Steel 316 Yoke Mount Kits, Thickness 3 mm

## → 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	Intel®Core®i3-7100U
	Frequency	Dual-core up to 3.1 GHz	Dual-core up to 2.4 GHz	Dual-core up to 3.1 GHz	Dual-core up to 2.4 GHz
	System Chipset	N/A			
	Cache	3 MB			
	BIOS	UEFI			
Memory	Technology	Dual Channel DDR4L2133 MHz			
	Max. Capacity	32 GB			
	Type	2x 260-pin SO-DIMM			
Panel	Panel Size	21.5"			
	Panel Type	LCD Panel			
	Aspect Ratio	16:9			
	Resolution	FHD, 1920 x 1080			
	Viewing Angle	178 (H) x 178 (V)			
	Brightness	250 cd/m2			
	Contrast Ratio	3000:1			
	Response Time	12 msec			
Touchscreen	Touchscreen Type	Projected Capacitive Touch		5-wire Resistive Touch	
	Surface Hardness	7 Mohs		3 Mohs	
	Durability	N/A		36 Millions Times	
	Transparency	90% (±3%)		80% (±3%)	
Display	HDMI	N/A			
	DP	N/A			
	VGA	N/A			
	DVI	N/A			
I/O Interface	USB	1x USB3.0(IP67 Connector), 1x USB3.0(M12 Connector), 1x M12 for 2x USB2.0(M12 Connector)			
	Serial Port	1x RS232 (M12 Connector), 1x RS-232/422/485 (M12 Connector)			
	Ethernet	2x GbE(M12 Connector) (LAN1:Intel®i219V, LAN2:Intel®i211AT)			
	Audio	N/A			
	GPIO/ DIO	N/A			
	Antenna Hole	N/A (Optional)			
Storage	Others	RFIDReader (UID Reader only, CARDTYPE:ISO18092Felica, ISO 14443A Mifare®Class, Ultralight, Frequency: 13.56MHz)(Optional dual-frequency RFIDis available upon request.)			
	2.5" HDD / SSD	N/A (Optional)			
	M.2	1x M.2 2280 M Key (PCIex4, SATA III)			
	mSATA	N/A			
	RAID	RAID0/1			
Expansion	Mini PCIe	1x Full Size (PCIex1, USB2.0)			
	M.2	1x M.2 2230 EKey			
	PCI/ PCIe	N/A			
	SIMHolder	1			
Power	Power Mode	AT / ATX			
	Power Supply Voltage	9-36V DCInput			
	Power Connector Type	M12 Connector			
	Power Consumption (Typical)	3A @12V (36W)			
Mounting	Type	VESA(100x 100, 200 x 200 mm) / Yoke Mount / Wall 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, IEC60068-2-27, Half Sine, 11 ms Duration			
General	Certification	CE/ FCCClass A			
	Thermal Dissipation	Fanless			
	Ingress Protection	Full IP66/69K			
	Material	Stainless Steel 316			
	Dimensions (W x H x D)	570 x 430 x 66.9 mm (22.44" x 16.93" x 2.63")			
	Net Weight	12 kg (26.45lb)			
	Operating System	Windows 10 (IoT64 bit/Professional), Linux Kernal 4.0.xor above			