

PPC-Z103PW

10.1" IP66/69K Stainless Steel 316 Projected Capacitive Panel PC
with Intel® Pentium™ N4200 Processor



Key Features

- Stainless Steel 316, Full IP66/69K Protection
- Completely Flat Front Panel Design
- AGRO SS316 Pressure Balance Element, Preventing Water Condensation
- Stainless Steel SUS316, Full IP66/69K Waterproof
- Supports VESA, Yoke, and Wall Mount

Applications

- Food & Beverage Processing
- Embedded HMI Display System
- Pharmaceutical Equipment
- Factory Automation

Ordering Information

Part No.	Description
PPC-Z103PW-B61A2	10.1" 16:9 (1280 x 800), 500 nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Pentium™ N4200 CPU, Projected Capacitive Touch, 4G RAM, 64G SSD, 1x M12 for 2x USB2.0, 1x RS-232/422/485, 1x GbE, 1x VGA, DC 9~36 V, M12 Connector

Packing List

Description
1 x PPC-Z103PW

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-VGA2M12	M12 Connector to DB15 Male Cable, 2m
AKT-COM2M12	M12 Connector to DB9 Cable, 2m
AKT-LAN2M12	M12 Connector to LAN Cable, 2m
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-Z101-SWM	Stainless Steel 316 Wall Mount Kits, Thickness 3 mm
ACS-Z101-SYK	Stainless Steel 316 Yoke Mount Kits, Thickness 3 mm

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→ Specifications

	Model	PPC-Z103PW-B61A2
Processor System	CPU	Intel® Pentium® N4200
	Frequency	Quad-core up to 2.5 GHz
	System Chipset	N/A
	Cache	2 MB
	BIOS	UEFI
Memory	Technology	Dual Channel DDR3L 1866 MHz
	Max. Capacity	8 GB
	Type	2x 204-pin SO-DIMM
Panel	Panel Size	10.1"
	Panel Type	LCD Panel
	Aspect Ratio	16:9
	Resolution	WXGA, 1280 x 800
	Viewing Angle	170 (H) x 170 (V)
	Brightness	300 cd/m2
	Contrast Ratio	800:1
	Response Time	30 msec
Touchscreen	Touchscreen Type	Projected Capacitive Touch
	Surface Hardness	7 Mohs
	Durability	N/A
	Transparency	90% (±3%)
Display	HDMI	N/A
	DP	N/A
	VGA	1x VGA, up to 2560 x 1600 @ 60Hz (M12 Connector)
	DVI	N/A
I/O Interface	USB	1x M12 for 2x USB2.0 (M12 Connector)
	Serial Port	1x RS-232/422/485 (M12 Connector)
	Ethernet	1x GbE (M12 Connector) (Intel® i211AT)
	Audio	N/A
	GPIO / DIO	N/A
	Antenna Hole	N/A (Optional)
	Others	N/A
Storage	2.5" HDD / SSD	N/A (Optional)
	M.2	1x M.2 2242 M Key (SATA III)
	mSATA	N/A
	RAID	N/A
Expansion	Mini PCIe	1x Full Size (PCIe x1, USB2.0)
	M.2	N/A
	PCI / PCIe	N/A
	SIM Holder	1
Power	Power Mode	AT / ATX
	Power Supply Voltage	9-36V DC Input
	Power Connector Type	M12 Connector
	Power Consumption (Typical)	1A @ 12V(12W)
Mounting	Type	VESA Mount (75 x 75, 100 x 100 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	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
	Thermal Dissipation	Fanless
	Ingress Protection	Full IP66/IP69K
	Material	Stainless Steel 316
	Dimensions (W x H x D)	310 x 210 x 79.5mm (12.2" x 8.26" x 3.13")
	Net Weight	3.145 kg (7.51 lb)
	Operating System	Windows 10 (IoT 64 bit/Professional), Linux Kernal 4.0.x or above

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→ Dimensions

