

PPC-Z152

Arestech

15" IP66/69K Stainless Steel 316 Projected Capacitive Panel PC
with Intel® Celeron™ J1900 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 10 COM Ports (9x RS-232 & 1x RS-232/422/485)

Applications

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

→ Ordering Information

Part No.	Description
PPC-Z152P-B6A1	15" 4:3 (1024 x 768), 300 nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Celeron™ J1900 CPU, Projected Capacitive Touch, 4G RAM, 64G SSD TLC, 1x M12 for 2x USB2.0, 9x RS-232, 1x RS-232/422/485, 1x GbE, DC 9~36 V, M12 Connector

→ Packing List

Description
1 x PPC-Z152

→ 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
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

→ Specifications

	Model	PPC-Z152P-B6A1
Processor System	CPU	Intel® Celeron™ J1900
	Frequency	Quad-core up to 2.0 GHz
	System Chipset	N/A
	Cache	2 MB
	BIOS	UEFI
Memory	Technology	Single Channel DDR3L 1333 MHz
	Max. Capacity	8 GB
	Type	1x 204-pin SO-DIMM
Panel	Panel Size	15"
	Panel Type	LCD Panel
	Aspect Ratio	4:3
	Resolution	XGA, 1024 x 768
	Viewing Angle	160 (H) x 160 (V)
	Brightness	300 cd/m2
	Contrast Ratio	600:1
	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	N/A
	DVI	N/A
I/O Interface	USB	1x M12 for 2x USB2.0 (M12 Connector)
	Serial Port	9 x RS 232 (M12 Connector) and 1x RS-232/422/485 (M12 Connector)
	Ethernet	1x GbE (M12 Connector) (Controller Realtek RTL8111G-CG)
	Audio	N/A
	GPIO / DIO	N/A
	Antenna Hole	N/A (Optional)
	Others	N/A
Storage	2.5" HDD / SSD	1x Internal
	M.2	N/A
	mSATA	N/A
	RAID	N/A
Expansion	Mini PCIe	1x Full Size (SATA2, USB 2.0) Shared by mSATA and 1x Half Size (PClex1, USB 2.0)
	M.2	N/A
	PCI / PCIe	N/A
	SIM Holder	N/A
Power	Power Mode	AT / ATX
	Power Supply Voltage	9-36V DC Input
	Power Connector Type	M12 Connector
	Power Consumption (Typical)	1.2A @ 12 V (14.46W)
Mounting	Type	VESA Mount (75 x 75, 100 x 100 mm)
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 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	TBD
	Thermal Dissipation	Fanless
	Ingress Protection	Full IP66/IP69K
	Material	Stainless Steel 316
	Dimensions (W x H x D)	400 x 320 x 66.90 mm (15.7" x 12.6" x 2.63")
	Net Weight	7.42 kg (16.3 lb)
	Operating System	WES7-E, WES7-P, Windows 7 Pro, Window 10 (IoT / Professional), Linux

PPC-Z152

→ *Dimensions*

