

# PPC-Z152P

**Arestech**

15" IP66/69K Waterproof Stainless Steel Projected Capacitive Touch Panel PC with Intel® Celeron™ J1900 Processor



## Features

- 15" LCD Panel with Projected Capacitive Touch
- Intel® Celeron™ J1900 Processor
- Support 10 COM port (9 RS-232 1 RS-232/422/485)
- Completely Flat Front Panel Design
- Stainless Steel SUS316, Full IP66/69K Waterproof
- Support VESA Mounting

## Applications

- Food & Beverage Processing Application
- Hospitality and Catering Service
- Pharmaceutical and Biopharmaceutical Equipment
- Animal Feed Production Facility
- Chemical, Gas & Oil Critical Environment

## → Packing List

Description
1 x PPC-Z152P

## → 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 USB Cable, 2m
AKT-COM2M12	M12 Connector to DB9 Cable, 2m
AKT-VGA2M12	M12 Connector to DB15 Cable, 2m
AKT-LAN2M12	M12 Connector to LAN 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/BT4.0 (1T1R) + 1 IP66 antenna(dual band), mini PCIe Half size

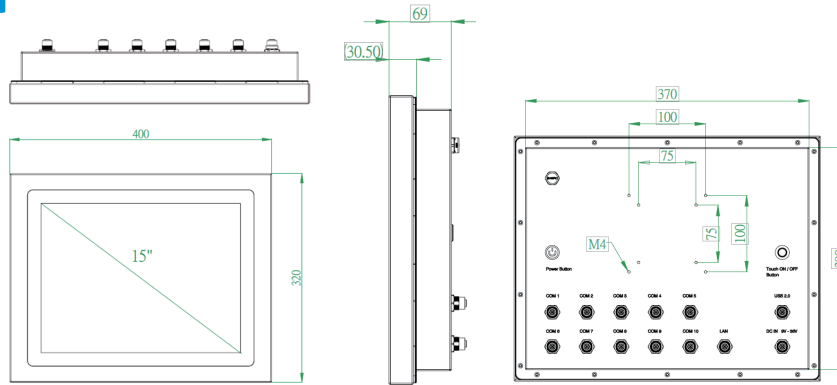
## → Ordering Information

Part No.	Description
PPC-Z152P-B6A1	15" 4:3 (1024 x 768), 300nits, Stainless Steel 316 Full IP66/69K Protection, Fanless Panel PC with Intel® Celeron™ J1900 CPU, Projected Capacitive Touch, 2 USB 2.0, 9 RS-232, 1 RS-232/422/485, 1 GbE, DC 9-36 V (M12 Connector)

# PPC-Z152P

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## → Dimensions



## → Specifications

Model		PPC-Z152P-B6A1
Processor System	CPU	Intel® Celeron™ Processor J1900
	Frequency	Quad-Core up to 2.0 GHz
	L2 Cache	2 MB
	System Chipset	N/A
	BIOS	UEFI
Memory	Technology	DDR3L 1333 MHz SDRAM
	Max. Capacity	8 GB
	Socket/ (On Board)	1 (204-pin SO-DIMM)
Display	Panel Size	15" LCD Panel
	Aspect Ratio	4:3
	Resolution	1024 x 768 (XGA)
	Viewing Angle	80 x 80 (H) x 80 x 80 (V)
	Brightness	300 (cd/m2)
	Contrast Ratio	600:1
	VGA / HDMI / DP / DVI	N/A
	Multi Display	N/A
Touchscreen	Touchscreen Type	Projected Capacitive
	Surface Hardness	7 Mohs
	Durability	N/A
	Transparency	90% (±3%)
I/O Interface	USB	2, USB 2.0, M12 Connector
	Serial Port	10, COM (9 RS232, 1 RS232/422/485), M12 Connector
	Digital I/O	N/A
	Ethernet	1 GbE, 10/100/1000 Mbps , M12 Connector
	Others	N/A
Expansion	miniPCIe/ M.2 Slot	1 Mini-PCIe (Half Size) + 1 Mini-PCIe(Full Size) shared with mSATA
	PCI/ PCIe Slot	N/A
Audio	Connector	N/A
Storage	HDD/SSD	1, Internal 2.5" HDD/SSD
	mSATA/ M.2 / eMMC	1 mSATA (Full Size) shared with SATA2
Power	Power On Model	AT/ATX
	Power Supply Voltage	9~36 V DC input
	Connector Type	M12 Connector
	Power Consumption(Typical/Max.)	Typical: 1.2A @ 12 V (14.46W), Max: 2.25A @ 12 V (27W)
	Battery	Lithium 3 V / 210 mAH
Mounting	VESA Mount	75mmx 75mm; 100mm x 100mm
	Panel Mount	N/A
	Others	N/A
Environment	Operating Temperature	-20~60° C (-4~140° F) w/ 2.5" Extended Temperature RAM & SSD
	Storage Temperature	-40~85° C (-40~185° F)
	Humidity	5~95% @ 40° C, non-condensing
	Vibration	5-500 Hz, 0.026 G <sup>2</sup> /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
	Material, Surface Finish	Stainless steel 316, Brush polish
	Ingress Protection	Full IP66/IP69K Protection
	Dimensions (L x W x H)	400 x 320 x 66.90 mm (15.7" x 12.6" x 2.63")
	Net Weight	7.42kg (16.3lb)
	Operating System	WES7-E, WES7-P, Windows 7 Pro, Window 10 Pro/ Win10 IoT, Linux