

17" Fanless Multi-touch Waterproof Panel PC with Intel® Celeron® J1900 Processor and 2 PCI Slots



Features

- 17" SXGA LED Panel with Projected Capacitive Touch Display
- Embedded Intel® Celeron® J1900 2.0 GHz Processor
- 2 PCI Expansion Slots (option)
- Stainless Steel 316 IP65 Waterproof Front Cover
- Completely Flat Front Panel Design
- Panel and VESA Mounting

Applications

- Food & Beverage Processing Industrial
- Pharmaceutical and Biopharmaceutical Equipment
- Embedded HMI Display System Factory
- Manufacturing Automation
- Chemical, Gas & Oil Critical Environment

→ Packing List

Description
1 x PPC-S172
1 x Power Adapter
14 x Panel Mounting Screws

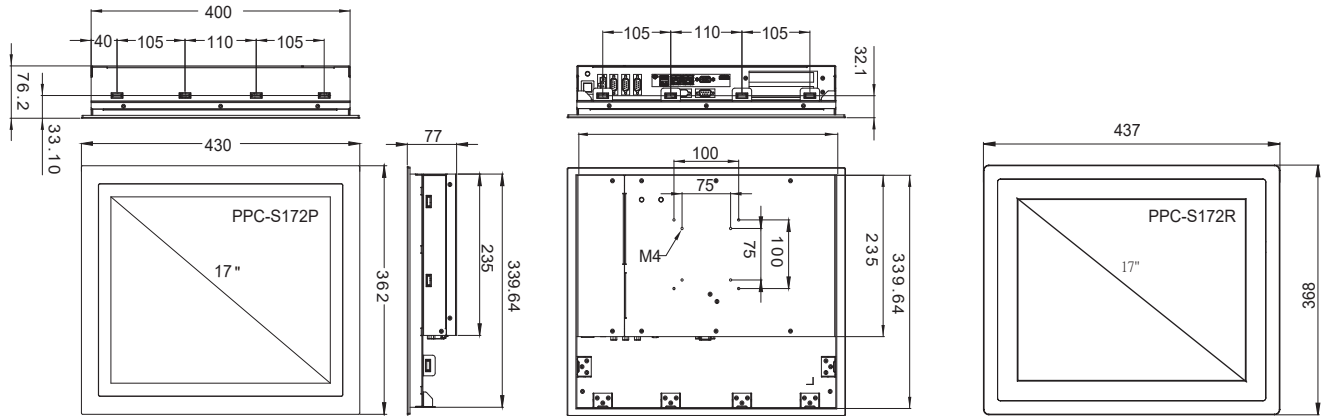
→ Optional Items

Part No.	Description
AWD-3G002	3G (HSPA+) Module + 1 Antenna, Full-size
AWD-4G001	4G (LTE) Module + 2 Antennas, Full-size
AWD-WF001	Wi-Fi 802.11 bgn (1T1R) + 1 Antenna (Single band), Half-size
AWD-WF003	Wi-Fi 802.11 abgn/ac/BT4.0 (2T2R) Module + 2 Antennas (Dual band), Half-size

→ Ordering Information

Part No.	Description
PPC-S172P-B6A1	17" 4:3 (1280 x 1024), 350nits, Stainless Steel IP65 front panel, Fanless Panel PC with Intel® Celeron® J1900 CPU, Projected Capacitive touch, 2 USB 3.0, 2 USB 2.0, 3 RS-232, 1 RS-232/422/485, Line out, 2 GbE, 1 VGA, 1 HDMI, DC 9-36V, Phoenix Connector
PPC-S172R-B6A1	17" 4:3 (1280 x 1024), 350nits, Stainless Steel IP65 front panel, Fanless Panel PC with Intel® Celeron® J1900 CPU, 5-wire Resistive Touch, 2 USB 3.0, 2 USB 2.0, 3 RS-232, 1 RS-232/422/485, Line out, 2 GbE, 1 VGA, 1 HDMI, DC 9-36V, Phoenix Connector

→ Dimensions



→ Specifications

PPC-S172P - Cut out: 402 * 335.7mm
PPC-S172R - Cut out: 415 * 347.7mm

	Model	PPC-S172P	PPC-S172R
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	1 (204-pin SO-DIMM)	
Display	Panel Size	17" LED Panel	
	Resolution	1280 x 1024 (SXGA)	
	Viewing Angle	80 x 80 (H) x 80 x 80 (V)	
	Brightness	350 (cd/m2)	
	Color Support	16.7M	
	Contrast Ratio	800:1	
	Response Time	30 (msec)	
	VGA	Up to 1920 x 1200	
	HDMI	HDMI 1.4a up to 1920 x 1200	
Touchscreen	Dual Display	LCD + VGA or LCD + HDMI	
	Touchscreen Type	Projected Capacitive	5-Wire Resistive
	Surface Hardness	7	3
	Durability	-	10 millions times
I/O Interface	Transparency	90% (±3%)	80% (±3%)
	USB	2 USB 2.0, 2 USB 3.0	
	Serial Port	4 COM (3 RS-232, 1 RS-232/422/485)	
	Digital I/O	N/A	
Ethernet	Expansion	1 Mini PCIe (half-size), 2 PCI (option)	
	Controller	Dual GbE, 10/100/1000 Mbps (Realtek RTL8111G-CG)	
Audio	Chipset	Realtek ALC662 High Definition Audio (HD)	
	Connector	Line out	
Storage	SATA II	1 Internal 2.5" HDD/SSD	
Power	Power Supply Voltage	9-36 V DC input	
	Connector Type	2-Pin Terminal Block, Phoenix Connetor	
	Power Consumption (Typical)	2.38 A @ 12 V (28.56 W), not including PCI expansion card	
	Power Consumption (Max.)	3.63 A @ 12 V (43.64 W), not including PCI expansion card	
Environment	Battery	Lithium 3 V / 210 mAh	
	Operaitng Temperature	-20~60° C (-4~140° F) w/ 2.5" Extended Temperature SSD	
	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	
General	Certification	CE, FCC Class A	
	Front Panel Waterproof	IP65, stainless steel 316 front cover	
	Dimensions (L x W x H)	424 x 356 x 77 mm (16.69" x 14.02" x 3.03")	437 x 368 x 77.5 mm (17.2" x 14.48" x 3.05")
	Weight	7 kg (15.4 lb)	
Operating System		Windows 7/8.1/10, WES7-E/P, WE8S, Ubuntu 14.04	