

# PPC-152PW

**Arestech**

15.6" Fanless Multi-touch Panel PC with  
Intel® Celeron™ J1900 Processor



## Features

- 15.6" TFT XGA LED Panel with Projected Capacitive Touch Display
- True Flat Front Panel IP54
- Resolution:1366 x 768
- Two-finger Touch Control while Wearing Gloves
- Internal SATA 2.5" HDD and mSATA Socket
- Panel and VESA Mounting

## Applications

- Human Machine Interface (HMI)
- Factory / Manufacturing Automation
- ATM / Self-service / Kiosk Applications
- Vending Machine / Ticketing Machine

## → Packing List

Description
1 x PPC-152PW
1 x Power Adapter
16 x Panel Mounting Screws

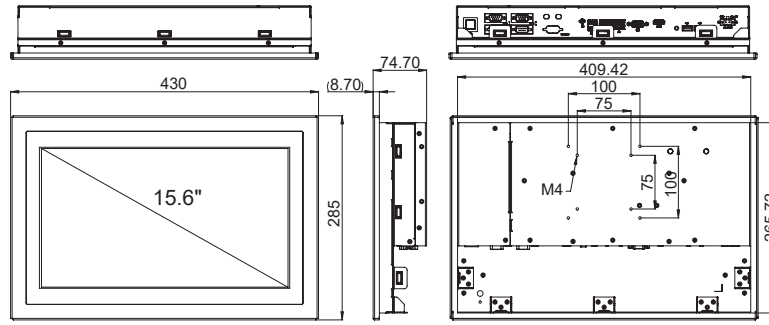
## → Optional Items

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-152PW-A2	15.6" 16:9 (1366 x 768), 300nits, 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, 8-bit DIO, 2 GbE, 1 VGA, 1 HDMI, DC 9-36 V, Phoenix Connector

## → Dimensions



Cut Out : 411.5 mm\*267.8 mm

## → Specifications

Model		PPC-152PW
Processor System	CPU	Intel® Celeron® J1900 Processor
	Frequency	Quad-Core up to 2.0 GHz
	L2 Cache	Intel® Smart 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	16:9
	Resolution	1366 x 768 (HD)
	Viewing Angle	80 x 80 (H) x 80 x 80 (V)
	Brightness	300 (cd/m <sup>2</sup> )
	Contrast Ratio	500:1
	VGA / HDMI / DP / DVI	HDMI 1.4a up to 1920 x 1200
Touchscreen	Multi Display	LCD Panel+ VGA or LCD Panel+ HDMI
	Touchscreen Type	Projected Capacitive
	Surface Hardness	7 Mohs
	Durability	N/A
I/O Interface	Transparency	90% (±3%)
	USB	4, 2 USB 3.0 2 USB 2.0
	Serial Port	4, COM (3 RS-232, 1 RS-232/422/485)
	Digital I/O	1, 8-pin Digital I/O (DB-9 connector, Option)
	Ethernet	Dual GbE, 10/100/1000 Mbps (Realtek RTL8111G-CG)
Expansion	Others	N/A
	miniPCIe/ M.2 Slot	2 Mini PCIe (1 full-size Mini PCIe or mSATA, selected by jumper setting; 1 half-size Mini PCIe)
	PCI/ PCIe Slot	N/A
Audio	Connector	Line out
Storage	HDD/SSD	1, Internal 2.5" HDD/SSD
	mSATA/ M.2 / eMMC	N/A
Power	Power On Model	AT/ATX
	Power Supply Voltage	Supports 9-36 V DC input
	Connector Type	2-Pin Terminal Block, Phoenix Connector
	Power Consumption(Typical/Max.)	Typical:1.53 A @ 12 V (18.4 W), Max: 1.8 A @ 12 V (21.6 W)
	Battery	Lithium 3 V / 210 mAH
Mounting	VESA Mount	75mmx 75mm; 100mm x 100mm
	Panel Mount	Cut out 411.5 x 267.8 mm mm, Thickness range under 28 mm
	Others	N/A
Environment	Operating Temperature	0~50° C (32~122° F) (Humidity: 50° C @ 80% RHNon- condensing) w/ 2.5" Extended Temp. SSD
	Storage Temperature	-40~85° C (-40~185° F) (Humidity: 85° C @ 80% RHNon- condensing)
	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	SECC Front Cover
	Ingress Protection	Front Panel IP54
	Dimensions (L x W x H)	430 x 285 x 74.70 mm (16.92"x 11.22" x 2.94")
	Net Weight	7.5 kg
	Operating System	Windows 7/8.1/10, WES7-E/P, WE8S, Ubuntu 14.04