

# PPC-212



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



## Features

- 21.5" FHD LED Panel with Projected Capacitive Touch Display
- Embedded Intel® Celeron® J1900 2.0 GHz Processor
- Internal SATA 2.5" HDD and mSATA Socket
- Supports Two-finger Touch Control while Wearing Gloves
- 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-212
1 x Driver CD
1 x Power Adapter
9 x Panel Mounting Screws

## → Optional Items

Part No.	Description
ACS-100-STD	VESA Table Stand
AWD-WF001	Wi-Fi 802.11 b/g/n (1T1R) + 1 Antenna, Half-size
AWD-WF002	Wi-Fi 802.11 a/b/g/n/ac (1T1R) + 1 Antenna (Dual band), Half-size
AWD-WF003	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 Antennas (Dual band), Half-size

## → Ordering Information

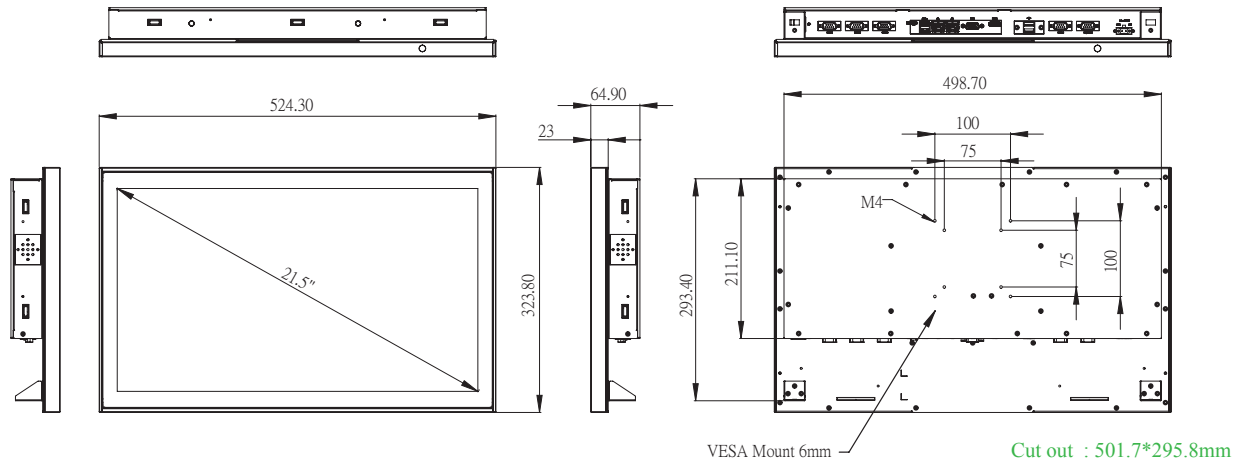
Part No.	Description
PPC-212P-A1	21.5" Fanless Projected Capacitive Multi-touch Panel PC with Intel® Celeron® J1900 2.0 GHz Processor

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# PPC-212

**Arestech**

## → Dimensions



## → Specifications

Model		PPC-212P
Processor System	CPU	Intel® Celeron® J1900 Processor
	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	21.5" LED Panel
	Resolution	1920 x 1080 (FHD)
	Viewing Angle	85 x 85 (H) x 80 x 80 (V)
	Brightness	250 (cd/m2)
	Color Support	16.7M
	Contrast Ratio	1000:1
	Response Time	5 (msec)
	HDMI	HDMI 1.4a up to 1920 x 1200
Touchscreen	Three Display	LCD + VGA or LCD + HDMI
	Touchscreen Type	Projected Capacitive
	Surface Hardness	7
I/O Interface	Transparency	90% (±3%)
	USB	2 USB 3.0, 2 USB 2.0
	Serial Port	4 COM (3 RS-232, 1 RS-232/422/485)
	Digital I/O	Optional : 8-pin Digital I/O (DB-9 connector, Option)
Ethernet	Expansion	2 Mini PCIe (1 full-size Mini PCIe or mSATA, selected by jumper setting; 1 half-size Mini PCIe)
	Controller	Dual GbE, 10/100/1000 Mbps (Realtek RTL8111G-CG)
Audio	Chipset	Realtek ALC662 High Definition Audio (HD)
	Connector	Line out
Storage	mSATA	Supports either mSATA or full-size Mini PCIe, selected by jumper setting
	SATA II	1 Swappable 2.5" HDD/SSD
Power	Power Supply Voltage	Supports 9-36 V DC input
	Connector Type	2-Pin Terminal Block, Phoenix Connector
	Power Consumption (Typical)	1.6 A @ 12 V (19.2 W)
	Power Consumption (Max)	2.75 A @ 12 V (33 W)
Environment	Battery	Lithium 3 V / 210 mAh
	Operating Temperature	0~50°C (32~122°F) w/ 2.5" SSD
	Storage Temperature	-40~85°C (-40~185°F)
	Vibration	5-500 Hz, 0.026 G <sup>2</sup> /Hz, 2.16rms, X, Y, Z, 1 hour per axis
General	Certification	CE, FCC Class A
	Ingress Protection	IP54
	Dimensions (L x W x H)	524.3 x 323.8 x 64.9 mm (20.63" x 12.75" x 2.55")
	Weight	6.99 kg (15.41 lb)
Operating System	Windows 7/8.1/10, WE57-E/P, WE85	

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## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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