

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 Power Adapter
9 x Panel Mounting Screws

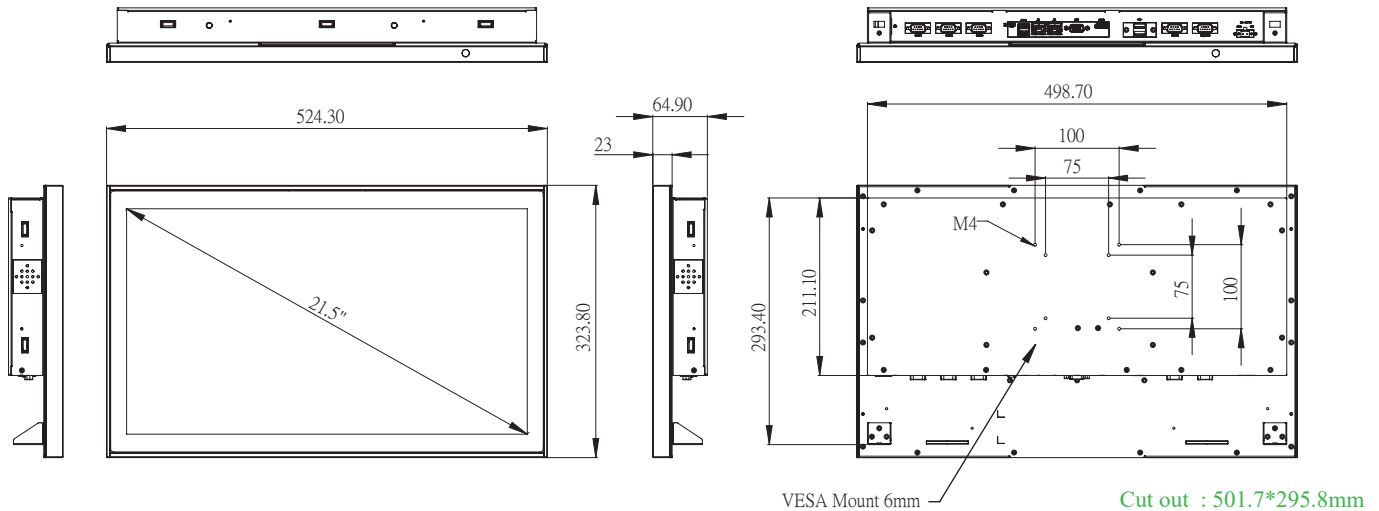
→ Optional Items

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
AWD-WF004	Wi-Fi 802.11 b/g/n + BT4.0(1T1R) + 2 Antenna(Single band), M.2 2230 Type
AWD-WF005	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 Antenna(Dual band), M.2 2230 type

→ 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

→ 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
Memory	BIOS	UEFI
	Technology	DDR3L 1333 MHz SDRAM
	Max. Capacity	8 GB
Display	Socket	1 (204-pin SO-DIMM)
	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
	Three Display	LCD + VGA or LCD + HDMI
Touchscreen	Touchscreen Type	Projected Capacitive
	Surface Hardness	7
	Transparency	90% (±3%)
I/O Interface	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)
	Expansion	2 Mini PCIe (1 full-size Mini PCIe or mSATA, selected by jumper setting; 1 half-size Mini PCIe)
Ethernet	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 mA/H
	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 ² /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, WES7-E/P, WE8S	