Russia: LLC “ID Solution” +7 495 545 3283 www.idsolution.ru

PPC-216

Arestech

21.5" Fanless Multi-touch Panel PC with Intel® Core®
i5-4300U 1.90 GHz Processor

Features

- 21.5" FHD LED Panel with Projected Capacitive Touch Display
- Embedded Intel® Core® i5-4300U 1.90 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-216
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

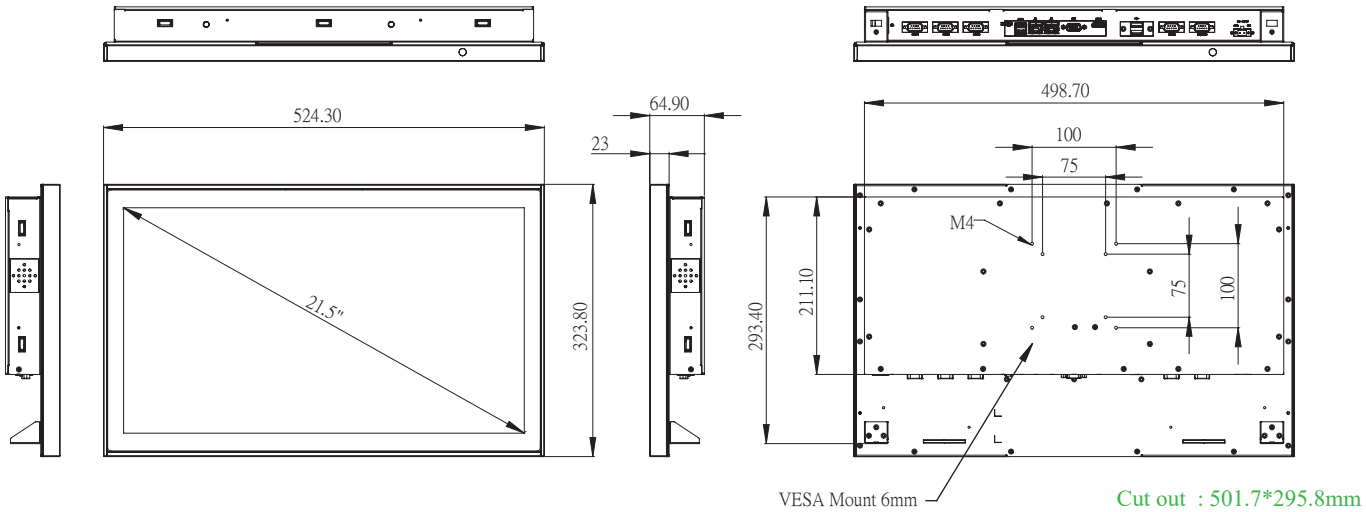
Ordering Information

Part No.	Description
PPC-216P-A1	21.5” Fanless Projected Capacitive Multi-touch Panel PC with Intel®Core® i5-4300U 1.90GHz Processor

PPC-216

Arestech

Dimensions



Cut out : 501.7*295.8mm

Specifications

Model		PPC-216P
Processor System	CPU	Intel® Core™ i5-4300U Processor
	Frequency	Dual-Core up to 1.90 GHz
	L2 Cache	3 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
	Three Display	LCD + HDMI
Touchscreen	Touchscreen Type	Projected Capacitive
	Surface Hardness	7
	Transparency	90% (±3%)
I/O Interface	USB	4 USB 3.0
	Serial Port	4 COM (2 RS-232, 2 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
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	9-36 V DC input (Phoenix Connector)
	Power Adaptor	AC-to-DC, 12 V @ 5 A, 60 W
	Power Consumption (Typical)	2.8 A @ 12 V (33.6 W)
	Power Consumption (Max)	3.57 A @ 12 V (42.8 W)
	Battery	Lithium 3 V / 210 mAH
Environment	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
	Certification	TBD
General	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