

PPC-216



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 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

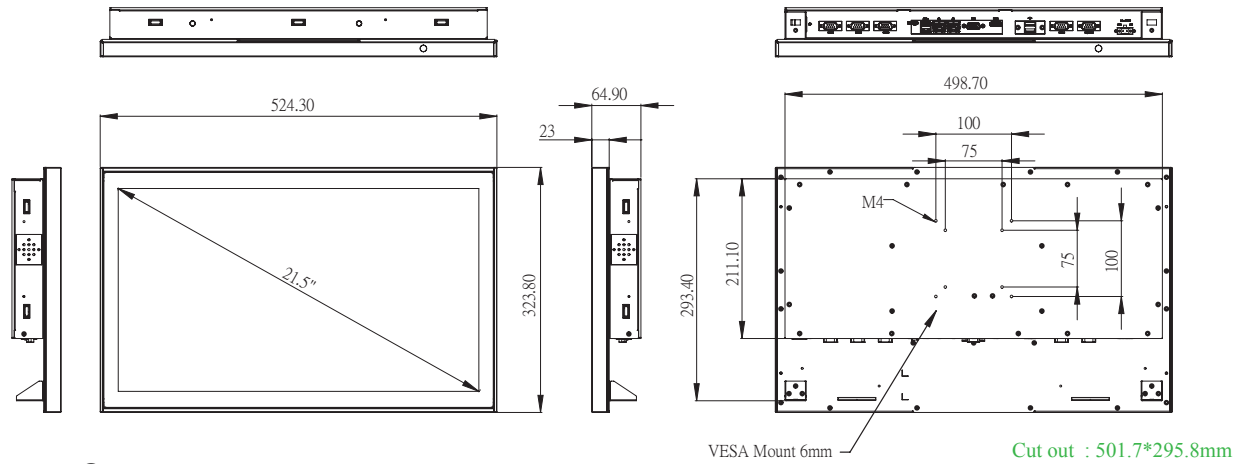
| Part No. | Description |
|-------------|---|
| PPC-216P-A1 | 21.5" Fanless Projected Capacitive Multi-touch Panel PC with Intel®Core® i5-4300U 1.90GHz Processor |

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PPC-216

Arestech

→ Dimensions



→ 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 |

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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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