

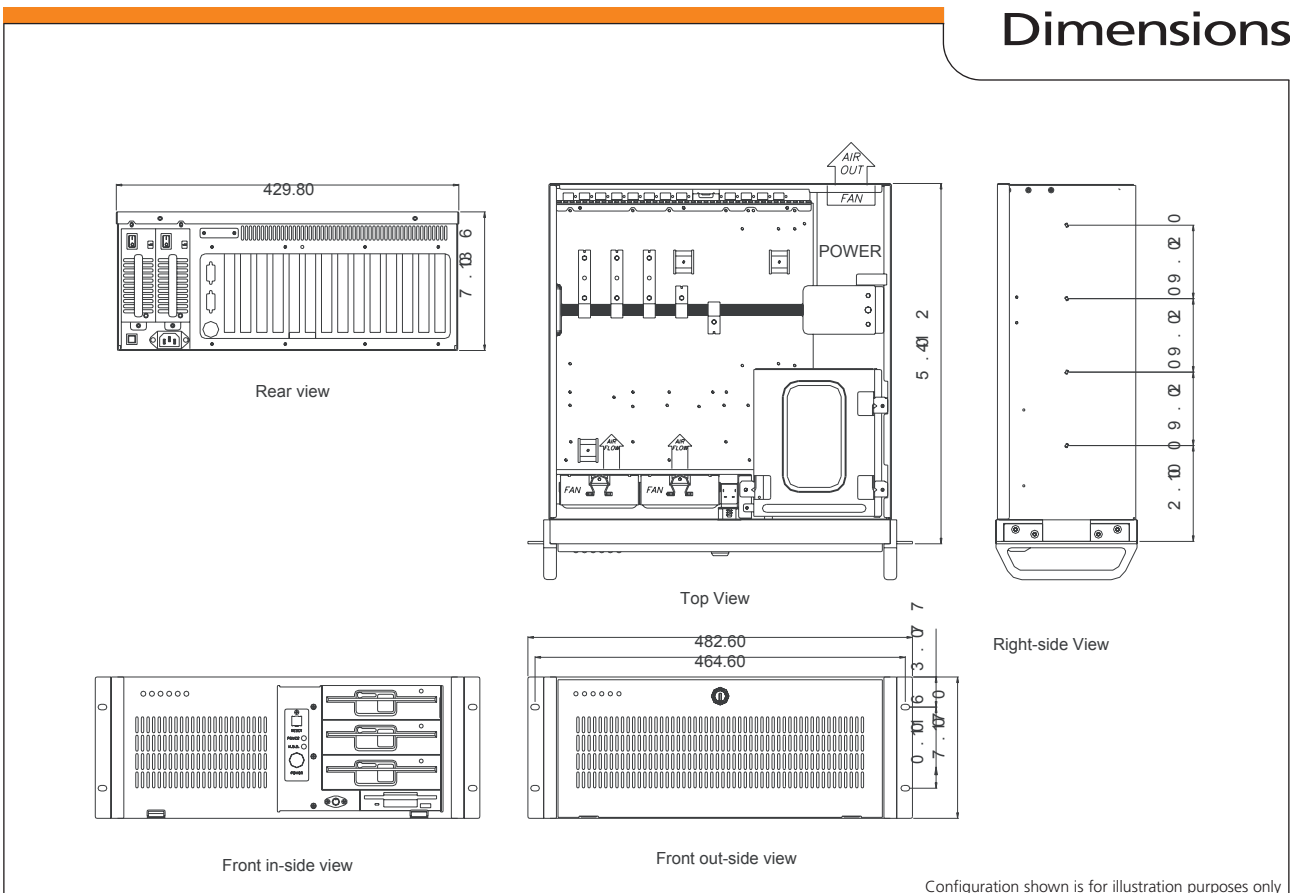
Ventrix 4060 Series



Features

- Intel® 6th Generation Processor
- Intel® AMT 11 support
- PCIe revision 3.0 support
- Road map industrial components
- Mission critical 24/7 applications
- Custom colours and OEM branding (optional)
- Assembled and tested under ISO-9001

Dimensions



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The information is believed to be accurate. However Amplicon Liveline Limited accepts no responsibility for any problems caused by errors and omissions. Specifications are subject to change without notice.

Specifications

| | | | |
|------------------------|--|-------------------------------------|---|
| Hardware Specification | <p>CPU: Intel® LGA 1151 6th Generation Core™ Processors Chipset: Q170 RAM: 2 x 288 pin DDR4 2133MHz un-buffered (up to 32GB*) Video: Intel® HD Graphics (530) Display Resolution: WDT: 225 levels, 1~255 sec.</p> <p>*Usable memory capacity may be limited by the Operating System</p> | Electromagnetic Compatibility (EMC) | <p>EN55022 Class A EN55024 Industrial severity (where applicable) Electrostatic discharge immunity test (EN61000-4-2) ±4kV Contact, applied to enclosure port ±8kV Air, applied to enclosure port ±4kV Indirect, applied to coupling plane Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3) 80-1000MHz, 10 V/m (RMS, no modulation) 80% Modulation with 1kHz Sine wave Electrical fast transient/burst immunity test (EN61000-4-4) Power port AC, inc. protective earth Severity ±2kV Surge Immunity test (EN61000-4-5) Power port AC Severity ±2kV applied line to line Severity ±2kV applied line to earth Immunity to conducted disturbances induced by radio frequency fields (EN61000-4-6) Power port AC, inc. protective earth via CDN M3 0.15-80MHz, 10 V/m (no modulation) 80% Modulation with 1kHz Sine wave, applied via CDN type M3 Voltage dips, short interrupts and voltages variations immunity tests (EN61000-4-11) Power port AC >95% Reduction, 0.5 Periods >30% Reduction, 25 Periods >95% Reduction, 250 Periods Voltage dips, short interrupts and voltages variations immunity tests (EN61000-6-2) Power port AC >30% Reduction, 0.5 Periods >60% Reduction, 25 Periods >100% Reduction, 250 Periods Limits for harmonic current measurement (EN 61000-3-2), Product Class D Limitation of voltage changes, voltage fluctuations and flicker (EN 61000-3-3) Amplicon own a fully equipped EMC facility and can provide many additional tests to meet your requirements.</p> |
| BIOS | AMI uEFI BIOS | Safety | <p>Safety of information technology equipment (EN 60950) CE Marked</p> |
| Storage | <p>500GB SATA HDD DVDRW (standard height) Total drive capacity: 3 x 5.25" + 1 x 3.5" HDD</p> <p>We can provide storage and backup solutions for any application</p> | Electrical Ratings | <p>Voltage: 90 ~ 264 VAC full range Frequency: 47-63Hz Input current: 8.0 / 4.0A for 115 / 230 VAC Inrush current: 80A max PSU maximum secondary loading: 400W* Active PFC EMI noise filter Over power / voltage / current protection Short circuit protection</p> <p>*Higher rated and DC power supply options are available. We recommend that you discuss your power requirements before placing your order.</p> |
| System Expansion | Please discuss your requirements | Reliability | MTBF calculation available on request |
| Supported O/S | <p>Microsoft Windows 7/8.1/10 (32/64-bit) Linux</p> <p>*Other Operating System available on request</p> | Mechanical | <p>Design: EIA RS-310C 19" Rackmount Standard Construction: Heavy duty cold rolled electroplated steel Colour: Black (custom colours available for large orders) Dimensions: 483(W) x 177(H) x 451(D) mm (19" x 7" x 17.8") Packaging size: 590(W) x 340(H) x 618(D) mm (23.2" x 13.4" x 24.3") Cooling: 2 x 92mm fan, 51 CFM each Air filter: removable (washable) Gross weight: approximately 19kg</p> |
| Internal Interfaces | <p>1 x PS/2 breakout (for Keyboard and Mouse) 1 x RS232/422/485 (Software selectable)* 5 x RS232* 6 x SATA III (RAID support 0/1/5/10) 1 x Audio HD 4 x USB 2.0</p> <p>*Via DB9 breakout</p> | Environmental | <p>Operation: Acoustic noise: 47dBA sound pressure at 23°C (typical) Temperature: 0 to 40°C (tested for operation up to 50°C) Humidity: 5 to 90% at 25°C non-condensing Low noise fan options are available (maximum operating temperature 35°C)</p> <p>We can design systems to meet additional requirements</p> <p>* Thermally controlled system fans run at peak operating speed during system start up. Speed is reduced based system temperature.</p> <p>Storage: Temperature: -20 to 65°C</p> |
| LEDs and Switches | <p>Power (PC ON) LED Hard disk access LED Front: ATX system control switch, system reset</p> | External Interfaces | <p>Front USB: 2 ports Front keyboard: Mini-DIN for (keyboard only)</p> <p>Rear USB: 2 x USB 3.0 ports on faceplate Serial: COM 1~4* (9 pin D-Type) Display: DVI-I x 1 LAN: RJ45 Ethernet x 2</p> <p>*Please discuss your port configuration requirements</p> |

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