

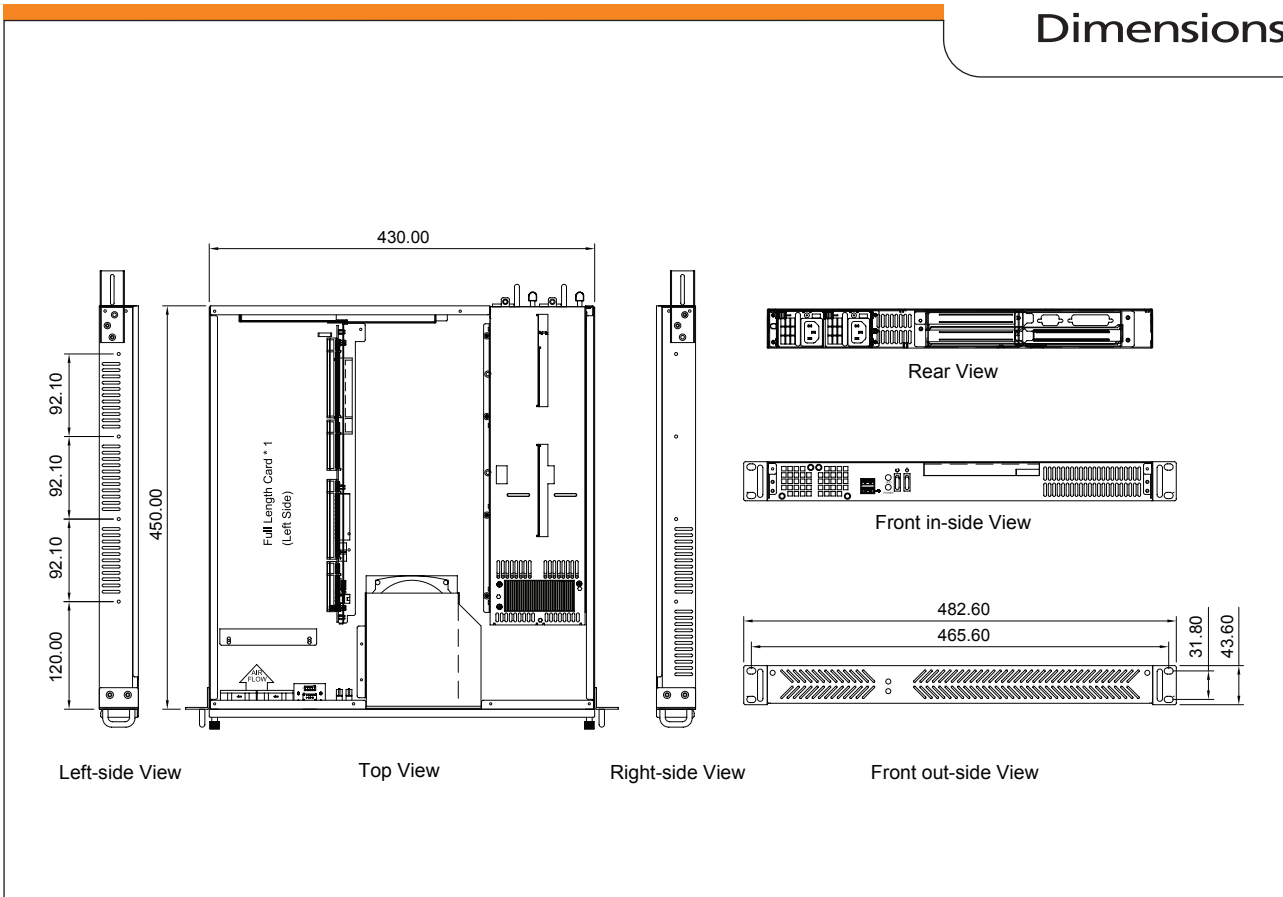
# Ventrix 1060 Series



## 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 ISO9001

## Dimensions



## Ventrix 1060 Series

## Specifications

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.

<b>Hardware Specification</b>	<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>	<b>Electromagnetic Compatibility (EMC)</b>	<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                  &gt;95% Reduction, 0.5 Periods                  &gt;30% Reduction, 25 Periods                  &gt;95% Reduction, 250 Periods                  Voltage dips, short interrupts and voltages variations immunity tests (EN61000-6-2)                  Power port AC                  &gt;30% Reduction, 0.5 Periods                  &gt;60% Reduction, 25 Periods                  &gt;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>
<b>BIOS</b>	AMI uEFI BIOS		
<b>Storage</b>	<p>1 x 3.5" HDD with Slim DVD                  Or                  2 x 2.5" HDD/SSD with Slim DVD</p> <p>We can provide storage and backup solutions for any application</p>		
<b>System Expansion</b>	<p>1 x PCIe x16                  Or                  1 x PCI</p>		
<b>Supported O/S</b>	<p>Microsoft Windows 7/8.1/10 (32/64-bit)                  Linux</p> <p>*Other Operating System available on request</p>		
<b>Internal Interfaces</b>	<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>		
<b>LEDs and Switches</b>	<p>Power (PC On) LED                  HDD/SSD access LED                  ATX control switch, System reset</p>		
<b>External Interfaces</b>	<p>Front:                  USB: 2 x USB 2.0 type A (Female)</p> <p>Rear:                  USB: 2 x USB 3.0 type A (female)                  Display: DVI-I                  LAN: Dual RJ45 GbE (i219LM/i211AT)</p> <p>*Additional rear I/O can be broken out with breakout cables. Please discuss your requirements</p>	<b>Safety</b>	Safety of information technology equipment (EN 60950) CE Marked
<b>Mechanical</b>	<p>Design: EIA RS-310C 19" rackmount standard                  Construction: Heavy duty cold rolled steel                  Colour: Black                  Dimensions (WxHxD mm): 483x44x450                  Packaging Size (WxHxD mm): 615x179x600                  Cooling: 2 x 40mm Fans (7.0CFM ech)                  Air Filter: N/A                  Gross weight (approx.): 8.9kgs</p>		*Higher rated and DC power supply options are available. We recommend that you discuss your power requirements before placing your order.
<b>Environmental</b>	<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>	<b>Reliability</b>	MTBF calculation available on request