

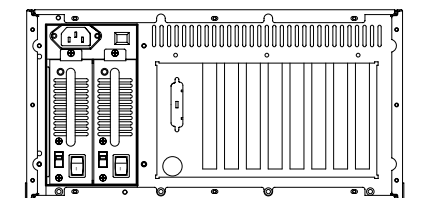
Ventrix 580 Tower Series



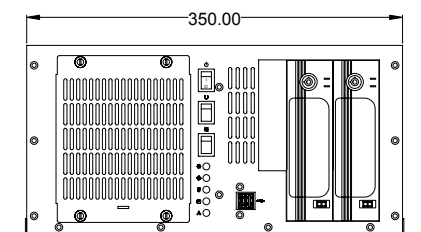
Features

- Intel® 8th Generation Core Processor family
- iAMT¹ support
- 15 year life cycle industry components²
- PCIe rev. 3.0 support
- OEM branding available
- Remote System Monitoring (SW)³
- Assembled and tested under ISO9001

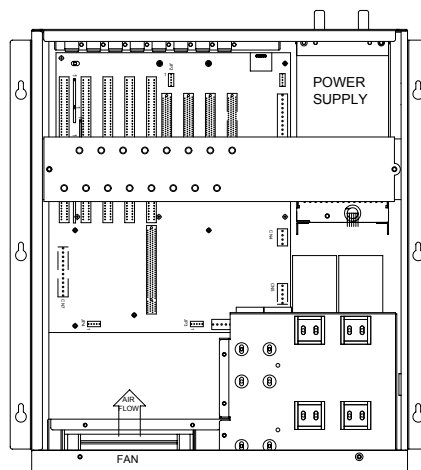
Dimensions



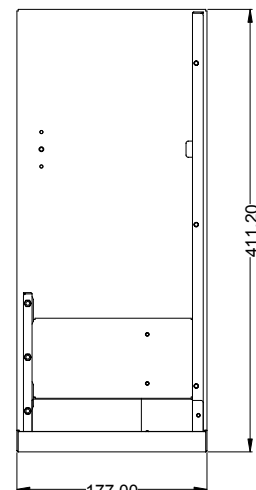
Rear view



Front view



Top View



Right-side View

Ventrix 580 Tower 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.

| | | | |
|---------------------------------|---|--------------------|--|
| Hardware specification | Architecture: PICMG 1.3 Full length CPU: Intel® 8th Generation Core Processor Chipset: Q370 Memory: Dual DDR4 288-pin, maximum 64GB, Non-ECC Display: VGA, mDP 1.2 Watch Dog Timer: 255 levels, 1 – 255 sec. Battery: Lithium 3V/220 mAh | LEDs and switches | LEDs: Power HDD/SSD Activity Switches: ATX power control System Reset |
| BIOS | AMI BIOS | Mechanical | Design: Desktop/Wall-Mount Construction: Heavy Duty Cold Rolled Steel Colour: Black Dimensions: 350W x 177H x 411D mm Packaging Size: 490W x 324H x 558D mm Cooling: 1 x 120mm Fan (90 CFM) Air Filter: Removable (Washable) Gross Weight: Approximately 17Kg |
| Display | Intel HD Graphics | Environmental | Acoustic Noise ⁴ : xxdba Operating Temperature ⁵ : -20°C – 60°C Operating Humidity: 10% – 95% Relative, Non-Condensing Storage Temperature: -20 to 65° C |
| Storage | Options: 1 x M.2, M-Key (PCIe x4), 2280 2 x 5.25" Bays 2 x 3.5" Bay 1 x Internal USB 2.0 Type-A Caddy options are available RAID support 0/1/5/10 via Intel® RST | Certifications | CE Industrial |
| System expansion | Please Discuss Your System Expansion Requirements | Electrical ratings | Voltage: 90 – 264 VAC Full Range Frequency : 47–63 HZ Input Current: 8.0 A (RMS) FOR 115VAC 4.0 A (RMS) FOR 230VAC Inrush Current: 80.0A Max. Active PFC (full range) EMI Noise Filter Protection: OVER POWER OVER VOLTAGE OVER CURRENT SHORT CIRCUIT |
| Supported OS (Operating System) | Microsoft Windows 10 64-bit (PRO/IoT) Linux | | |
| External interfaces | Front: USB: 2 x USB 2.0 type A (Female) Mini-DIN: PS/2 keyboard Rear: USB: 2 x USB 3.1 Gen 2 type A (female) Display: VGA & mDP 1.2 LAN: Dual RJ45 GbE Options*: USB: 4 x 3.1 Gen 2 PS/2: Keyboard and Mouse DB9: 3 x RS232, 1 x Selectable LPT: Parallel Port Audio: Kit option *Additional rear I/O can be broken out with breakout cables. Please discuss your requirements | | |

¹: Intel Active Management Technology.

²: From hardware Mass Production.

³: Currently Windows OS Support only.

⁴: Measurement taken at a distance of 1 meter.

⁵: Dependant on configuration