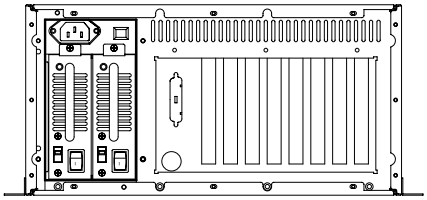
Ventrix 580

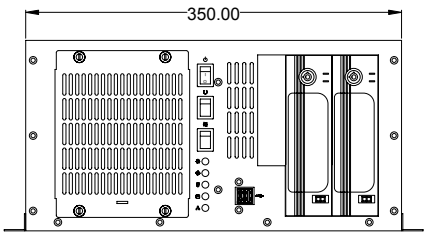
Features

- Intel® 8th Generation Core Processor family
- iAMT[1] support
- 15 year life cycle industry components[2]
- PCIe rev. 3.0 support
- OEM branding available
- Remote System Monitoring (S/W)[3]
- Assembled and tested under ISO9001

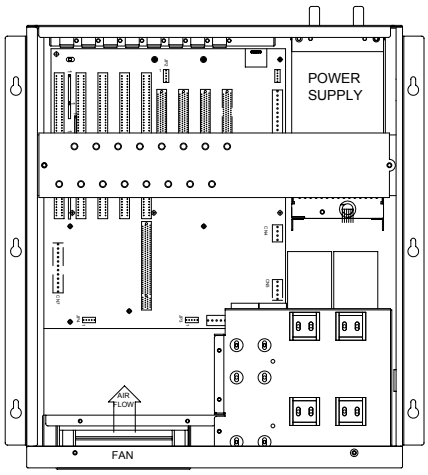
Dimensions



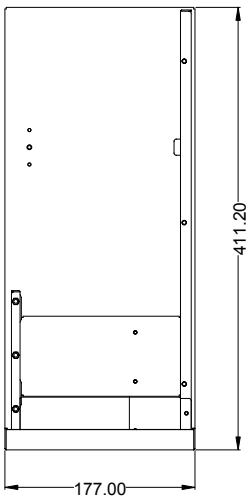
Rear view



Front view



Top View



Right-side View

Ventrix 580

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	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
BIOS	AMI BIOS
Display	Intel HD Graphics
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
System expansion	Please Discuss Your System Expansion Requirements
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

LEDs and switches	LEDs: Power HDD/SSD Activity Switches: ATX power control System Reset
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
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
Certifications	CE Industrial
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) MI Noise Filter Protection: OVER POWER OVER VOLTAGE OVER CURRENT SHORT CIRCUIT

[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