

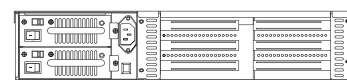
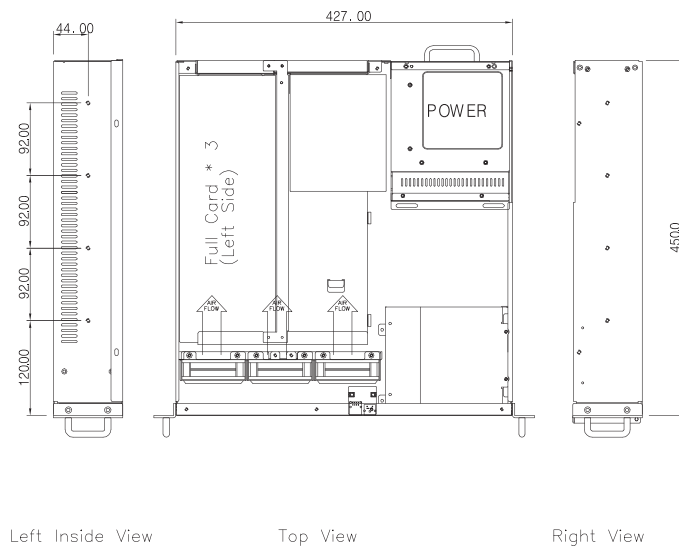
Ventrix 2080 Series



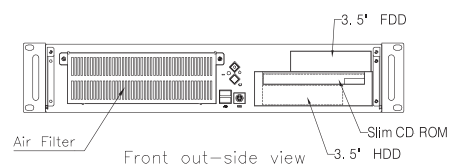
Features

- Intel® 8th Generation Core Processor family
- iAMT¹ Support
- 15 year life cycle industrial components²
- PCIe rev. 3.0
- OEM Branding available
- Remote System Monitoring (S/W)³
- Assembled and tested under ISO9001

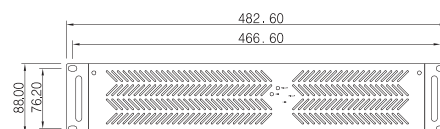
Dimensions



Rear out-side view



Front out-side view



Front in-side view

Configuration shown is for illustration purposes only

Ventrix 2080 Series

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	Mechanical	Design: EIA RS-310C 19" Rackmount Standard Construction: Heavy Duty Cold Rolled Steel Colour: Black Dimensions: 483W x 88H x 450D mm Packaging Size: 630W x 248H x 574D mm Cooling: 3 x 80mm Fan (42.5 CFM Each) Air Filter: Removable (Washable) MTBF: 45,000 hrs @ 25°C
BIOS	AMI BIOS	Environmental	Acoustic Noise ⁵ : 47dBA sound pressure at 23°C (typical) Operating Temperature ⁶ : 0°C ~ 60° Operating Humidity: 10% ~ 95% Relative, Non-Condensing Storage Temperature: -20°C ~ 80°C
Display	Intel HD Graphics	Certifications	CE Industrial
Storage	Options: 1 x M.2, M-Key (PCIe x4), 2280 2 x 3.5" HDD & 1 x Slim DVD or 2 x 2.5" HDD/SSD & 1 x Slim DVD 1 x Internal USB 2.0 Type-A Caddy options are available RAID support 0/1/5/10 via Intel® RST	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
System Expansion ⁴	2 x PCI (1 x Full length, 1 x 180mm) 1 x PCIe x16 (rev. 3.0) 1 x PCIe x1 (rev. 3.0)		
Supported O/S	Microsoft Windows 10 64-Bit (Pro/loT), Windows 11, Linux		
LEDs and Switches	LEDs: Power HDD/SSD Activity Switches: ATX power control System Reset		
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 1 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 = Other options available.

5 = Measurement taken at a distance of 1 meter

6 = Dependant on configuration