Ventrix 1080 Series

Features

Key features:-

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

Dimensions

Left-side View

Top View

Right-side View

Rear View

Front in-side View

Front out-side View
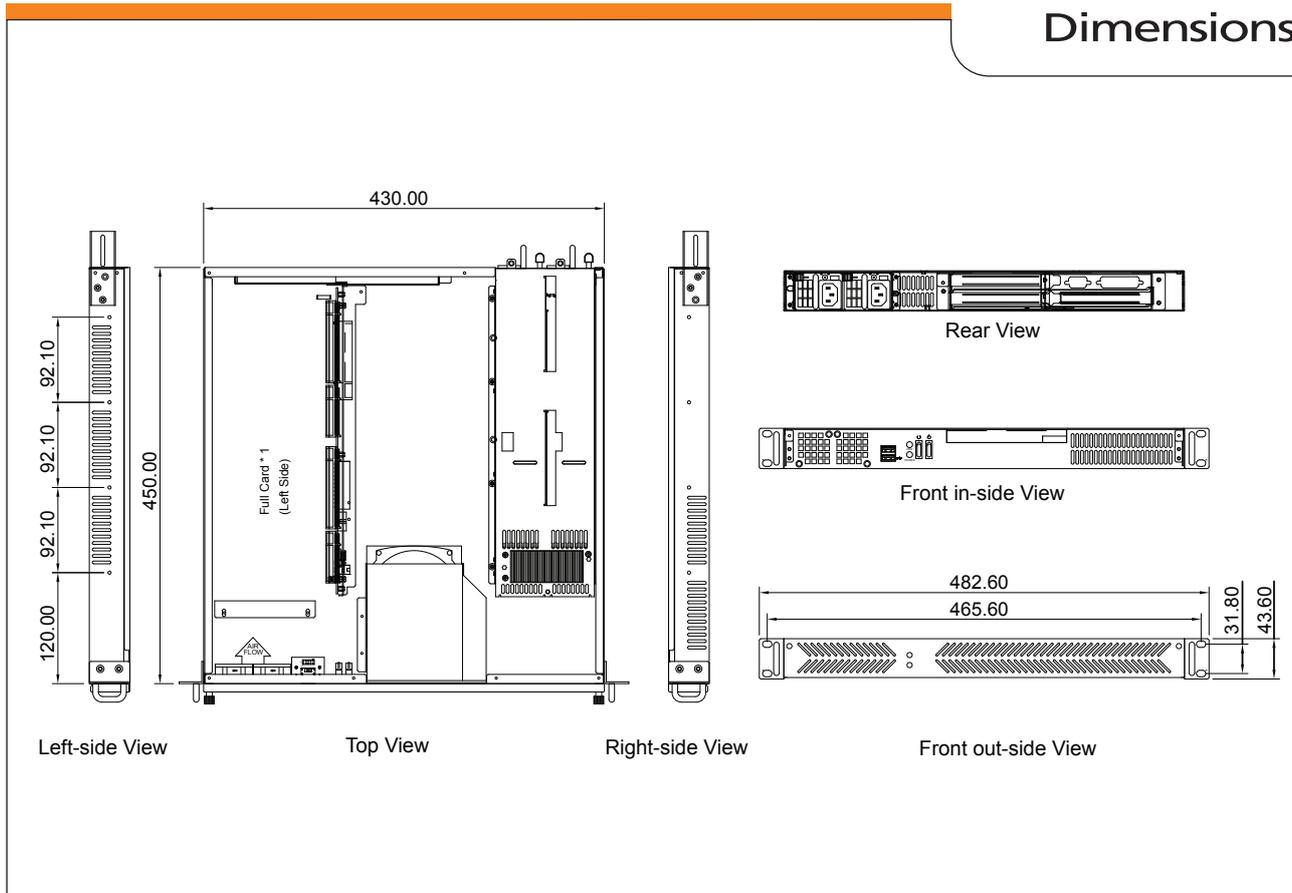
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Specifications

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: EIA RS-310C 19" rackmount standard Construction: Heavy duty cold rolled steel Colour: Black Dimensions: 483W x 44H x 450D mm Packaging Size: 615W x 179H x 600D mm Cooling: 2 x 40mm Fans (7.0CFM each) Air Filter: N/A Gross weight (approx.): 8.9kgs
Display	Intel HD Graphics		

Storage	Options:
	    1 x M.2, M-Key (PCIe x4), 2280
	    2 x 2.5" HDD/SSD or 1 x 3.5" HDD
	    1 x Internal USB 2.0 Type-A
	    1 x Slim DVD
	
	RAID support 0/1 via Intel® RST		

		Environmental	Acoustic Noise[4] : 47dBA sound pressure at 23°C (typical) Operating Temperature[5]: 0°C ~ 60° Operating Humidity: 10% ~ 95% Relative, Non-Condensing Storage temperature - 20°C ~ 80°C
System Expansion	1 x PCIe x16 (rev. 3.0) 1 x PCIe x4 (rev. 3.0)		
Supported OS	Windows 10 64-Bit (Pro/IoT), Windows 11, Linux	Certifications	CE Industrial
External Interfaces	Front: USB: 2 x USB 2.0 type A (Female) 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	Electrical Ratings	Voltage: 90 ~ 264 VAC full range Frequency: 47 ~ 63Hz Input current: 6.0 / 3.0A for 115 / 230 VAC Inrush current: 60 / 80A max for 115 / 230 VAC PSU maximum secondary loading: 300W Typical power 150W (unexpanded) Active PFC Power factor >0.96 at full load Over power / voltage / current protection Short circuit protection Higher rated and DC power supply options are available. We recommend that you discuss your power requirements before placing your order.

1 = Intel Active Management Technology.
2 = From hardware Mass Production.
3 = Currently Windows OS Support only, requires 3rd Party package.
4 = Measurement taken at a distance of 1 meter
5 = Dependant on configuration