

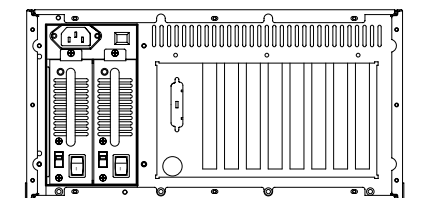
# Ventrix 512



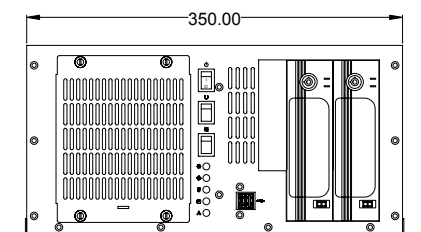
## Features

- Intel® 12<sup>th</sup> Generation Core Processor
- family iAMT<sup>1</sup> support
- 15 year life cycle industry components<sup>1</sup>
- PCIe rev. 3.0 support
- OEM branding available
- Remote System Monitoring (S/W)<sup>3</sup> Assembled and tested
- under ISO9001 Made in the UK

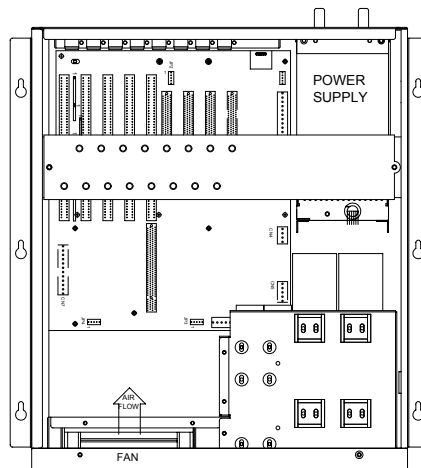
## Dimensions



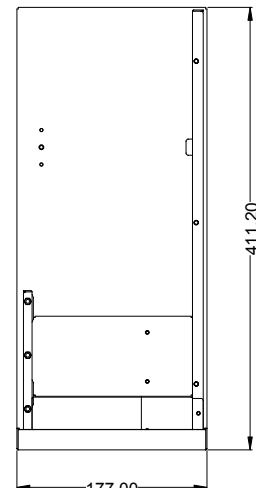
Rear view



Front view



Top View



Right-side View

# Ventrix 512

## 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® 12th Generation Core Processor Chipset: R680E Memory: Quad DDR5, maximum 128GB, Non-ECC Display: DVI-I, DP ++ on header TPM 2.0 header Watch Dog Timer: 255 levels, 1 ~ 255 sec. Battery: Lithium 3V/220 mAHmAH	LEDs and switches	LEDs: Power HDD/SSD Activity  Switches: ATX power control System Reset
BIOS	AMI UEFI	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		
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	Environmental	Acoustic Noise <sup>4</sup> : xxdba  Operating Temperature <sup>5</sup> : -20°C ~ 60°C Operating Humidity: 10% ~ 95% Relative, Non-Condensing  Storage Temperature: -20 to 65° C
Supported OS (Operating System)	Windows 10 64-bit (Pro/IoT), Windows 11, Linux	Certifications	CE Industrial
External interfaces	Front: 2 x USB 2.0 On/Off Switch Reset Pwr/HDD LED  Rear: 2 x 2.5GbE (RJ-45) 2 x USB 3.2 Gen 2 1 x DVI-I	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
Optional Breakout Interfaces (Will use 1 slot per breakout)	2 x RS-232, 2 x RS-232/422/485 4 USB 3.2 Gen 1x1 1 x DP++ Ps/2		

<sup>1</sup> : From hardware Mass Production.