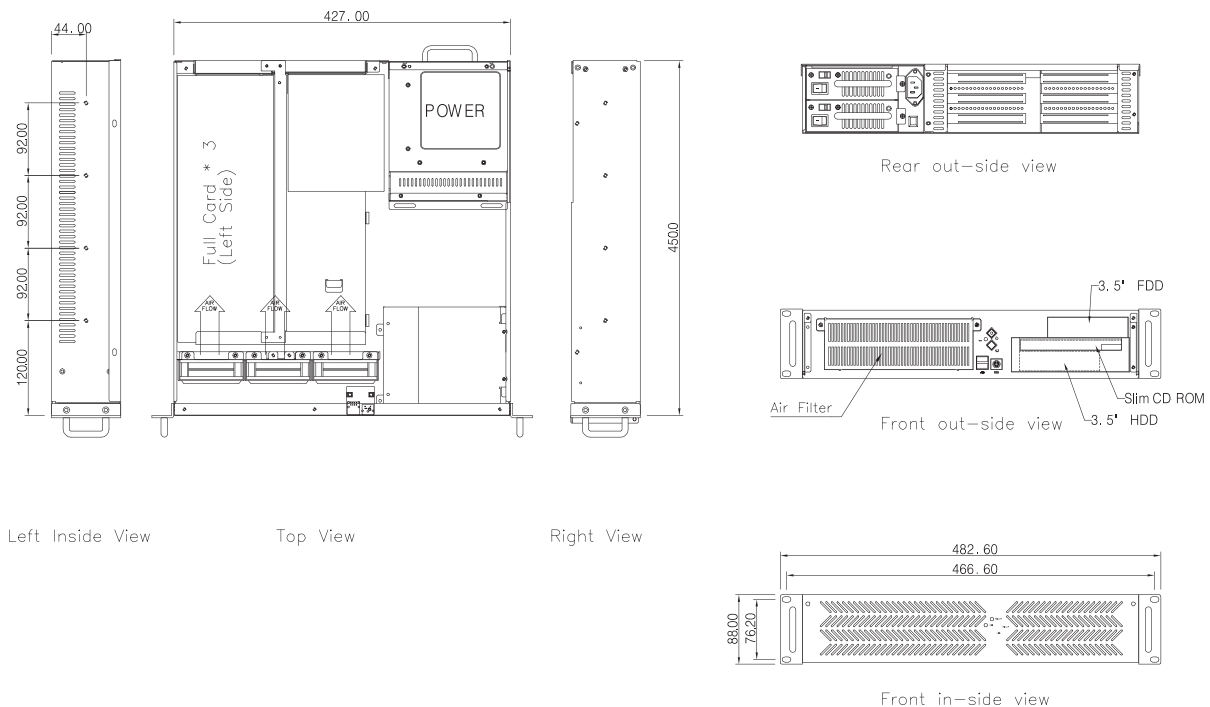# Ventrix 2120

Features

Key features:

- Intel® 12th Generation Core Processor family
- iAMT1 Support
- 15 year life cycle industrial components[2]
- PCIe rev. 4.0
- OEM Branding available
- Assembled and tested under ISO9001
- Made in the UK

Dimensions

44.00

92.00
92.00
92.00
120.00

427.00

POWER

Full Card * 3 (Left Side)

AIR FLOW

450.0

Left Inside View   Top View   Right View

Rear out—side view

3.5' FDD

Air Filter   Front out—side view   Slim CD ROM
3.5' HDD

482.60
466.60
88.00
76.20

Front in—side view

Configuration shown is for illustration purposes only

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Sales: +44 (0) 1273 570 220   Website: www.amplicon.com   Email: sales@amplicon.com

Ventrix 2120

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 mAH	Mechanical	Design: EIA RS-310C 19" rackmount standard Construction: Heavy duty cold rolled steel Colour: Black Dimensions (WxHxD mm): 483x88x450 Packaging Size (WxHxD mm): 630x248x574 Cooling: 3 x 50mm Fans (42.5CFM ech) Air Filter: Removable (washable)
BIOS	AMI UEFI	Environmental Storage	Operating temperature: 0 to 60°C Storage temperature: -20 to 70°C Humidity: 5 to 90% at 25°C non-condensing
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 Caddy options are available RAID support 0/1/5/10 via Intel® RST	Certifications	CE/UKCA
System Expansion	1 x PCIe x16 1 x PCIe x4 2 x PCI		
Supported O/S	Windows 10 64-bit (Pro/IoT), Windows 11, Linux		
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		
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		
LED's and Switches	Power (PC on) LED Hard Disk Drive access LED ATX system control switch System reset switch		

2 = From hardware Mass Production