

Medical PC & Monitor for Digital OR

ACCEL-VM1000

Dual GPU card Medical AI Edge PC for Real time medical imaging application with intel i9-12900E processor



Features

- Intel® Core™ i9-12900E Processor 30M Cache, up to 5.00 GHz
- Support 4 x ECC DDR4 3200 288 pin Long-DIMM up to 128GB
- Optional 7" Front Screen with P-Cap Touch
- Support front dual USB 3.0
- Support GPIO and Remote Power Switch design for embedded use
- Support Dual Nvidia RTX A6000 cards and additional capture card installation
- Support PCIe [x 16] x 1 + PCIe [x8] x 1 with PCIe [16] connector + PCIe [x 4] x 2
- Support Up to Medical Grade 1200W PSU

Application

- Medical AI Application

Specifications

MAIN SPECIFICATIONS

Processor	Intel® Core™ i9-12900E Processor 30M Cache, up to 5.00 GHz
System Memory	ECC DDR4 3200 DIMM x 4 up to 128GB
Chipset	Intel® W680
Storage Disk Drive	2.5" SATA SSD x 2, M.2 2280 NVMe SSD x 1
TPM	2.0
Front Scree(Optional)	7" LED Panel with P-Cap Touch
Speaker (Optional)	5W x 2
OS Support	Windows® 10 and 11, Linux (optional)

I/O

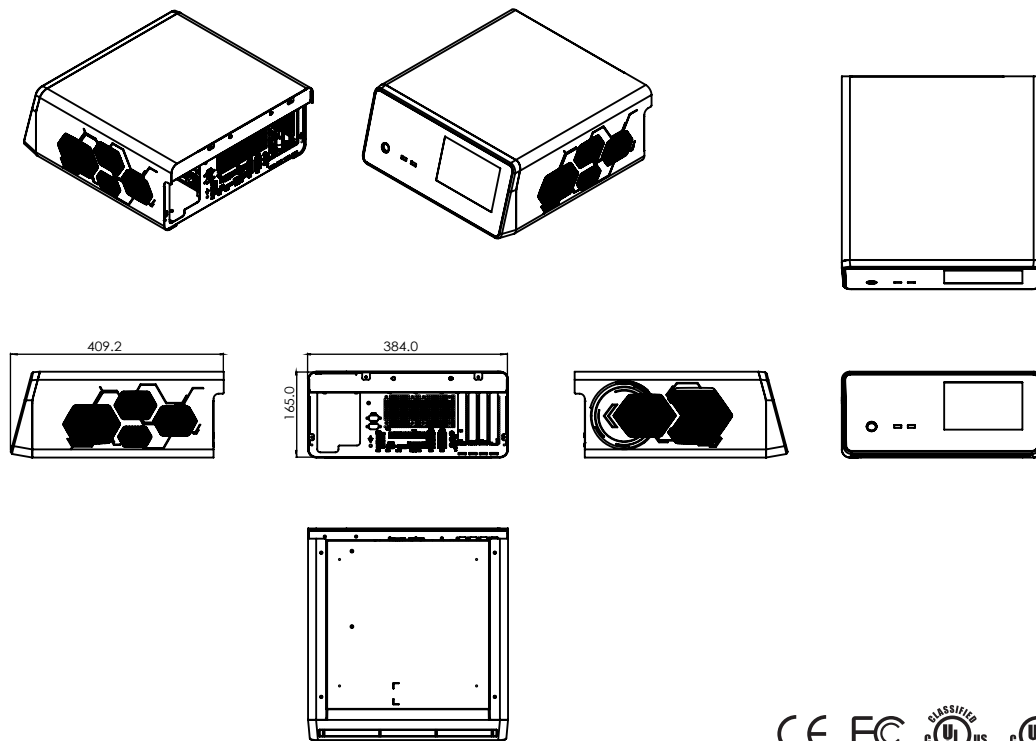
USB	USB 3.2 Gen 2 Type A x 5, USB Gen 2 20G Type C x 1
Ethernet	GigaLAN x 1, 2.5G LAN x 2
Video Out	HDMI 2.0 x 1, DP 1.4 x 1, VGA
Audio	Line-in x 1, Mic-in x 1, Line-out x 1
Series Ports	RS232 x 2
Function I/O	Remote power switch x 1 Grounding pin x 1
Power	AC input
Front I/O	USB 3.0 x 2, Power Button x 1
Expansion I/O	PCIe [x 16] x 1, PCIe [x8] x 1 with PCIe [16] connector PCIe [x 4] x 2 M.2 2230 E Key x 1 M.2 2280 M Key [PCIe x 4] x 1

MECHANICAL AND ENVIRONMENTAL

Power	100V to 240V AC Input, 1200W
Operating Temperature	0°C ~ 35°C(32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Dimension	384mm x 409mm x 16.5mm
Package Size	TBC
Gross Weight	TBC
Net Weight	TBC
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/A1:2013/A12:2014 (V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)

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Dimension / Unit: mm



Ordering Information

- ACCEL-VM1000-N1-A1-0010
ACCEL-VM1000 with i9-12900E Processor and Medical PSU 700W
- ACCEL-VM1000-N2-A1-0010
ACCEL-VM1000 with i9-12900E Processor and Medical PSU 1200W

Optional Accessories

- 9686A60000
(AOH)(TF)Graphics Card.NVIDIA Quadro RTXA6000.48GB.
GDDR6.PCI-E 4.0*16.DP 1.4.NVIDIA.RTX A6000
- 9686A50000
(AOH)(TF)Graphics Card.NVIDIA Quadro RTXA5000.24GB.
GDDR6.PCI-E 4.0*16.DP 1.4.NVIDIA.RTX A5000