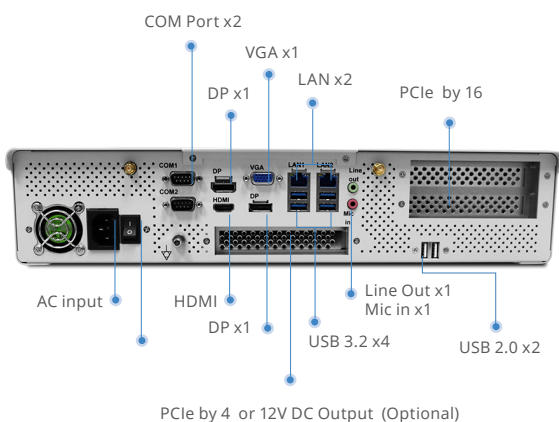


ACCEL-VM300

Slim Size Medical AI Computing Platform with Intel® 13th generation Core I Processor



Features

- Design for 2U Rack mount Chassis
- Intel 13 Gen Core i9 Processor
- Support 2.5" SATA SSD x 2 and M.2 M Key NVMe x 2
- Internal Medical 500W PSU
- Support 1 x PCIe by 16 slot for Graphic card integration, up to RTX 5000 Ada
- Support 1 x PCIe by 4 for capture card integration (Optional)
- Support DC 12V output for external monitor (Optional)
- Support vertical stand (Optional)

Application

- Equipment control
- Medical AI Application

Specifications

MAIN SPECIFICATIONS

Processor	Intel® 13th generation Core I Processor
System Memory	Support DDR4 3200 SO-DIMM x 2 up to 64GB
Chipset	Intel® Q670
OS Support	Windows® 10 and 11, Linux (optional)
Storage Disk Driver	2.5" SATA SSD x 2 M.2 M Key NVMe x 2
TPM	2.0

I/O

USB	USB 3.2 Gen 2 x 4, USB 2.0 x 2
Ethernet	2.5 GigaLAN x 2
Video out	HDMI x 1, DP x 2, VGA x 1
Audio	Mic-in x 1, Line-out x 1
Serial Ports	RS-232 x 2
Function I/O	Grounding Pin x 1
Power	AC input
Front I/O	USB 3.0 x 2 Power Button x 1
Extension Area	M.2 E Key 2230 x 1 for Wireless module★ PCIe [x4] x1 (Optional)★★ PCIe [x16] x1

MECHANICAL AND ENVIRONMENTAL

Power Consumption	100V to 240V AC Input
Operating temperature	0°C ~ 35°C(32°F ~ 95°F)
Storage temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Dimension	420 x 87 x 370 mm
Package Size	500 x 228 x 632 mm
Gross Weight	11 kg
Net Weight	8kg

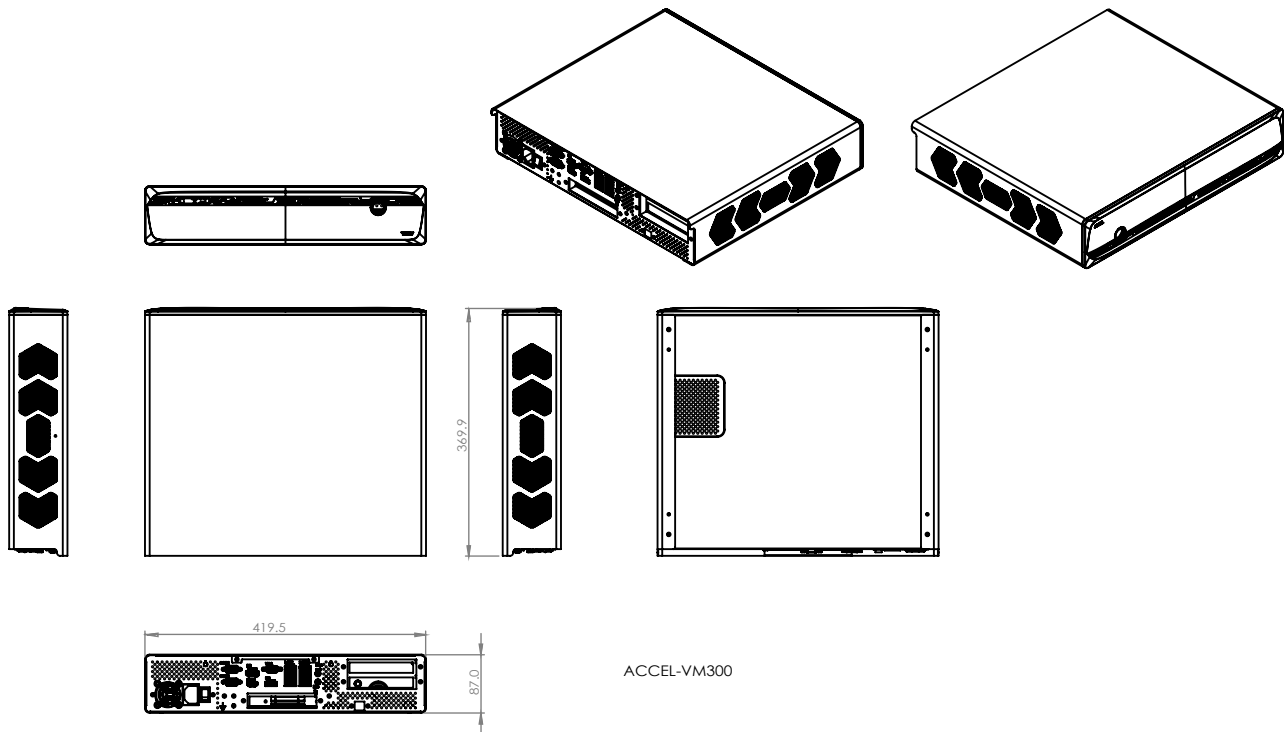
Certifications	CE: EN 60601-1-2: 2015 + A1: 2021 (V4.1), EN 60601-1: 2007 + A1: 2013 + A2: 2021 (V3.2) EN 55032: 2015/A1: 2020 EN 55035: 2017/A11: 2020 (ITE) IEC 62368-1: 2020 + A11: 2020 (ITE) FCC: Part 15B/ Part 18 UL: ANSI AAMI E560601-1: 2005/A1: 2012/ A2: 2021 (V3.2) cUL: CAN/CSA-C22.2 No. 60601-1: 14 (IEC 60601-1: 2005 + A1: 2012 + A2: 2020, MOD) (V3.2)
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Remark:

- ★ - Please choose 2.5" SSD for storage if need to install WIFI module and OPM-V300-A1 at same time.
- ★★ - OPM-V300-A1 is necessary part to order if need to integrate capture card.

Slim Size Medical AI Computing Platform with Intel® 13th generation Core I Processor

Dimension / Unit: mm



Ordering Information

- ACCEL-VM300-N4-A1-0010
Med PC.i9-13900TE.FAN.1xPCIe by 16.Medical 500W.White
- ACCEL-VM300-N5-A1-0010
Med PC.i7-13700TE.FAN.1xPCIe by 16.Medical 500W.White.

Optional Accessories

- OPM-V300-A1
M.2 PCIe Riser Card.for ACCEL-VM300.
- OPM-V300-A2
DC 12V output kit.for ACCEL-VM300.
- OPM-T041-A2
Rack Mount kit for ACCEL-VM300
- OPM-C20W-A8
WLAN Kit.802.11ax(Wi-Fi 6E).w/BT 5.3.dual ext. antenna.Intel.AX210.
NGWGIE.vPro.for ACCEL-VM300.
- OPM-C03C-A2★
One Isolated RS-232.One Isolated LAN.One Isolated USB.PCI
Express[x1].for ACCEL-VM300
- GPU-5000ADA-01
Graphics Card.GPU memory:32GB GDDR6.
System interface:PCIe 4.0.4x DisplayPort 1.4a.
NVIDIA.RTX 5000 Ada Generation
- GPU-4000ADA-01
Graphics Card.GPU memory:20GB GDDR6.
System interface:PCIe 4.0.4x DisplayPort 1.4a.
NVIDIA.RTX 4000 Ada Generation.

★ Remark:
OPM-V300-A1 is necessary part to order if need to install OPM-C03C-A2.