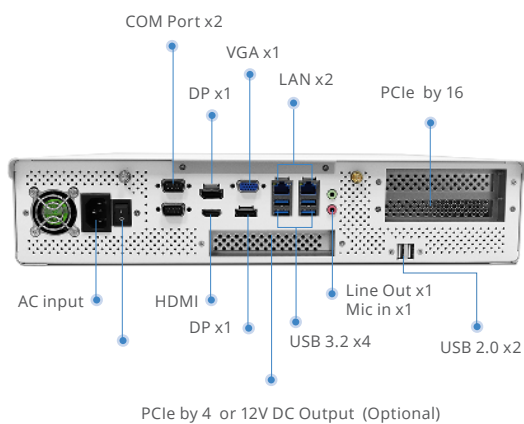


# ACCEL-VM300

Slim Size Medical AI Computing Platform with Intel® 12th generation Core I Processor



## Features

- Design for 2U Rack mount Chassis
- Intel 12 Gen Core i9 Processor
- Support 2.5" SATA SSD x 2 and M.2 M Key NVMe x 2
- Internal Medica 500W PSU
- Support 1 x PCIe by 16 slot for Grphic card integration
- 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® 12th 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

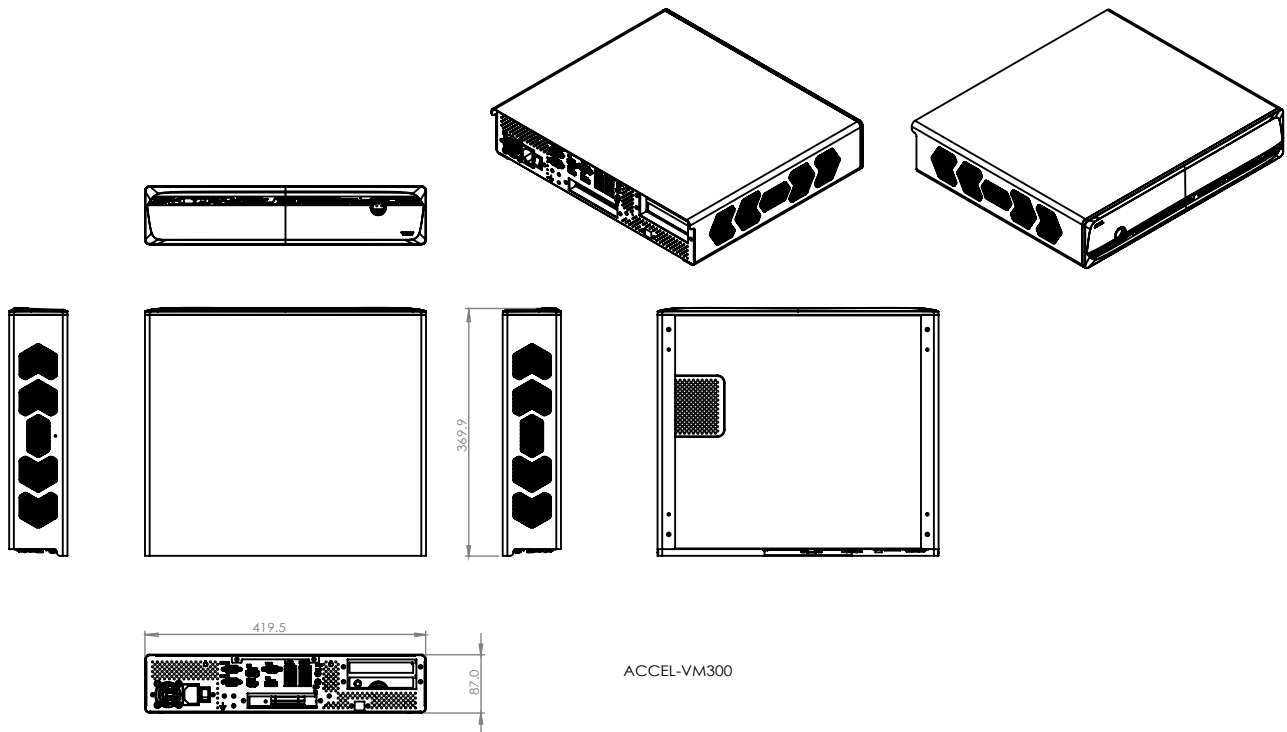
USB	USB 3.2 Gen 2 x 4, USB 2.0 x 2
Ethernet	2.5 GigaLAN x 2
Video out	HDMI x 1, DP x 2, VGA x 1
Audio	Mic-in x 1, Line-out x 1
Serial Ports	RS-232 x 2
Function I/O	Grounding Pin x 1
Power	AC input
Front I/O	USB 3.0 x 2 Power Button x 1
Extension Area	M.2 E Key 2230 x 1 for Wireless module PCIe [x4] x1 (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	419mm x 355mm x 90 mm
Package Size	500mm x 200mm x 630 mm
Gross Weight	9.4kg
Net Weight	8kg
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)

## Slim Size Medical AI Computing Platform with Intel® 12th generation Core I Processor

### Dimension / Unit: mm



### Ordering Information

- ACCEL-VM300-N1-A1-0010  
Med PC.i9-12900TE.FAN.1xPCIe by 16.Medical 500W.White.
- ACCEL-VM300-N2-A1-0010  
Med PC.i7-12700TE.FAN.1xPCIe by 16.Medical 500W.White.
- ACCEL-VM300-N3-A1-0010  
Med PC.i5-12500TE.FAN.1 x PCIe 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-V300-A3  
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