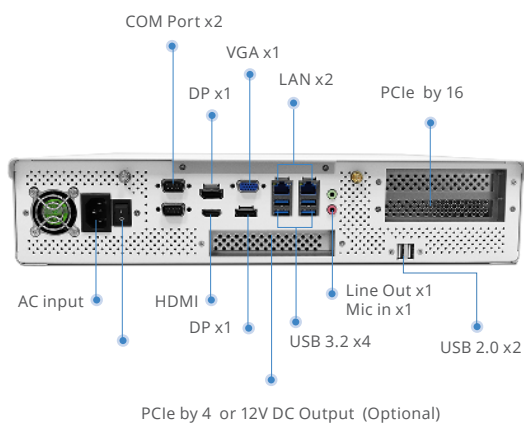


ACCEL-VM300

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
- 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

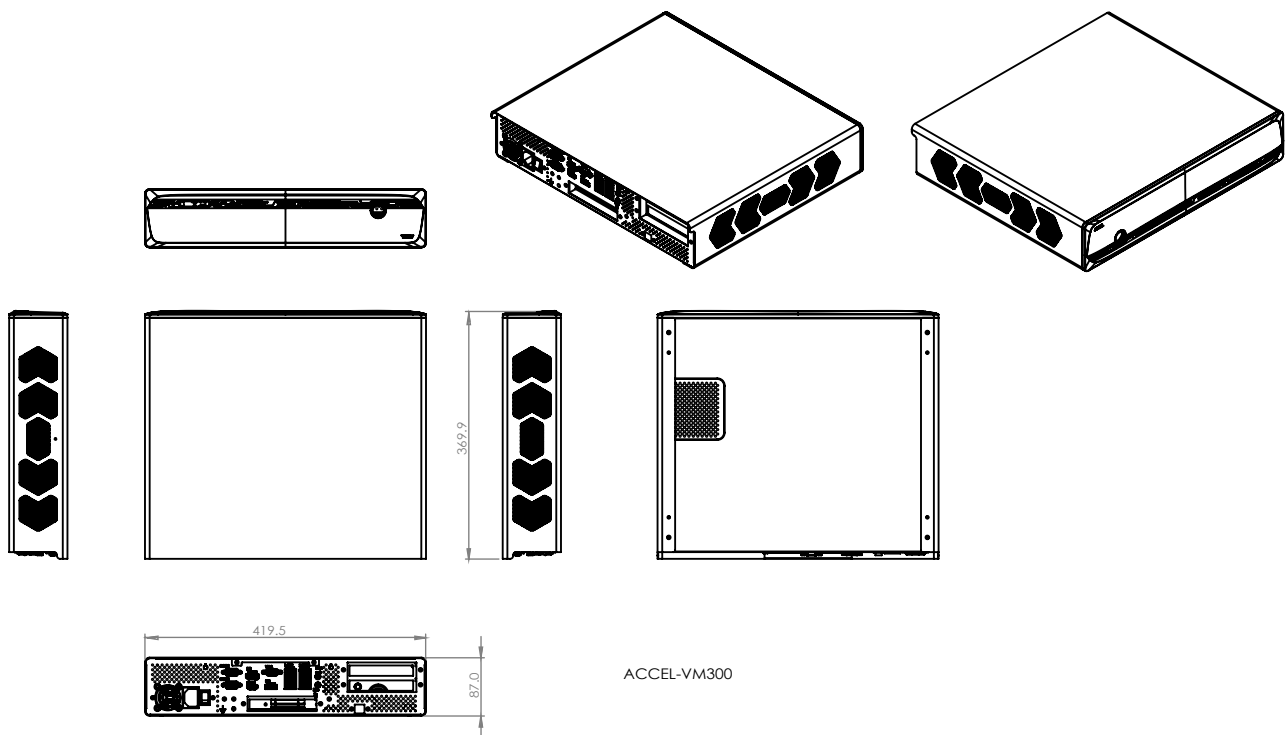
| | |
|-----------------------|--|
| Power Consumption | 100V to 240V AC Input |
| Operating temperature | 0°C ~ 35°C(32°F ~ 95°F) |
| Storage temperature | -20°C ~ 60°C(-4°F ~ 140°F) |
| Dimension | 420 x 87 x 370 mm |
| Package Size | 500 x 228 x 632 mm |
| Gross Weight | 11 kg |
| Net Weight | 8kg |
| Certifications | CE: EN 60601-1-2:2015(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) |

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

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