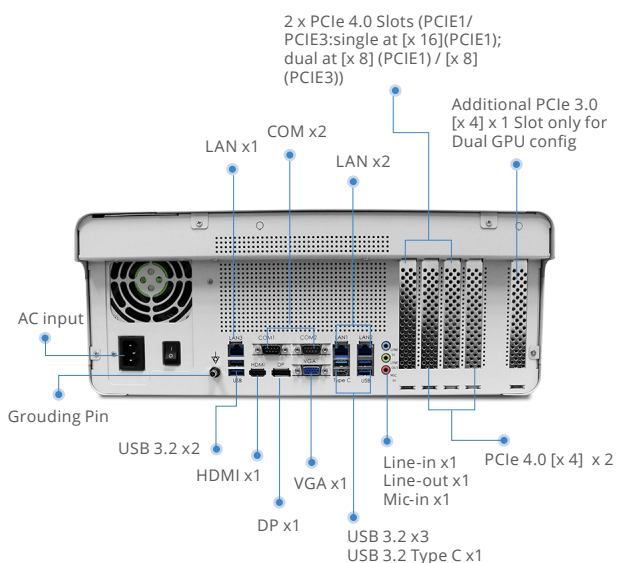
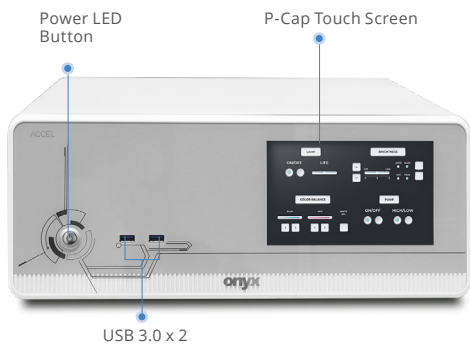


AI Hardware Solution

# ACCEL-VM1000

Dual GPU card Medical AI Edge PC with Intel 12th Gen Core i9 CPU



## Features

- Intel® Core™ i9-12900E Processor 30M Cache, up to 5.00 GHz
- Support 4 x 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 4 x PCIe Gen4 Slots for high end graphic card and capture card integration
- Support Medical Grade 1500W PSU for Dual GPU Card and 700W PSU for Single GPU card

## Application

- Medical AI Application

## Specifications

### MAIN SPECIFICATIONS

Processor	Intel® Core™ i9-12900E Processor 30M Cache, up to 5.00 GHz
System Memory	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

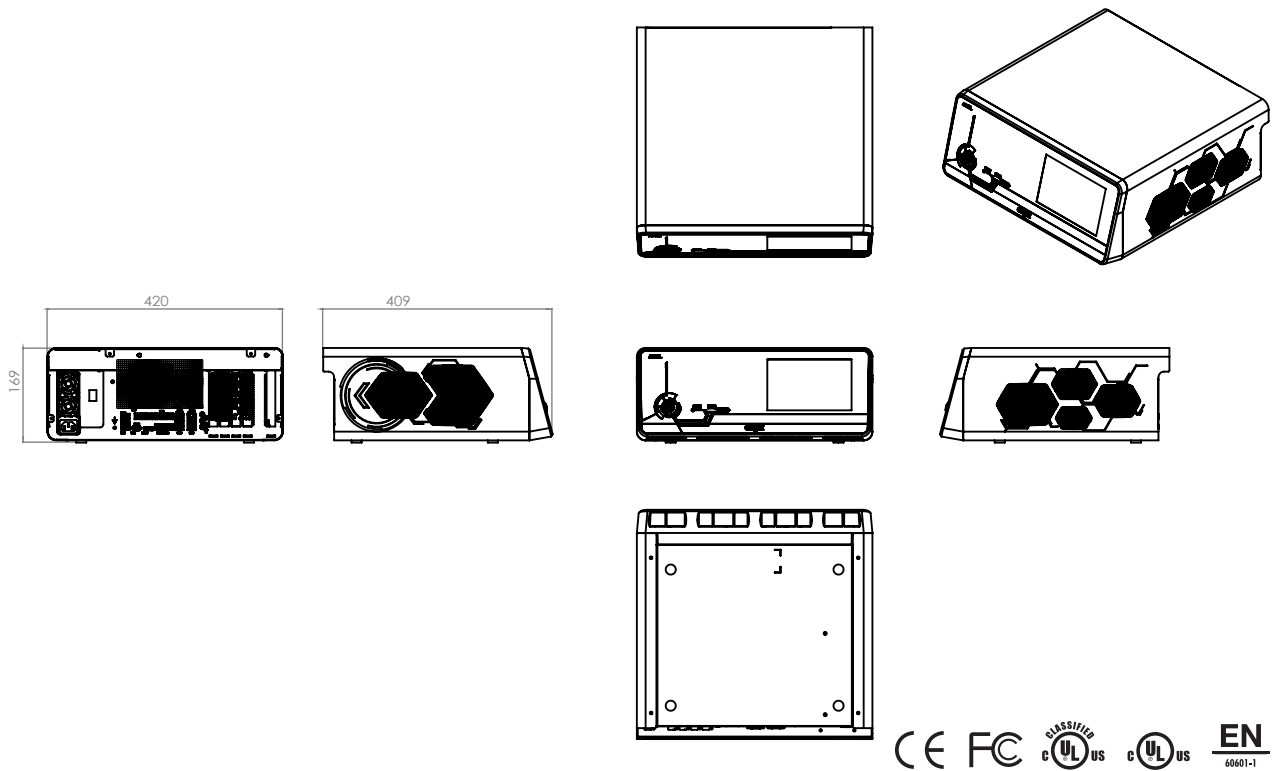
USB	USB 3.2 Gen 2 Type A x 5, USB Gen 2 20G Type C x 1
Ethernet	GigaLAN x 1, 2.5G LAN x 2
Video Out	HDMI 2.0 x 1, DP 1.4 x 1, VGA x 1
Audio	Line-in x 1, Mic-in x 1, Line-out x 1
Series Ports	RS232 x 2
Function I/O	Remote power switch x 1 (Optional) Grounding pin x 1
Power	AC input
Front I/O	USB 3.0 x 2, Power Button x 1
Expansion I/O	2 x PCIe Gen4 Slots (PCIe1/PCIe3:single at x16(PCIe1); dual at x8 (PCIe1) / x8 (PCIe3)) with x16 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 , 700W or 1500W
Operating Temperature	0°C ~ 35°C(32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Dimension	420 x 409 x 169 mm
Package Size	600 x290 x510 mm
Gross Weight	12kg
Net Weight	11kg

## Dual GPU card Medical AI Edge PC with Intel 12th Gen Core i9 CPU

### Dimension / Unit: mm



### Ordering Information

- ACCEL-VM1000-N1-A1-1010  
Medical PC.i9-12900E.700W PSU, White
- ACCEL-VM1000-N1-A2-1010  
Medical PC.i9-12900E.7" Panel.700W PSU.P-Cap, White
- ACCEL-VM1000-N1-A3-1010  
Medical PC.i9-12900E.1500W PSU, White
- ACCEL-VM1000-N1-A4-1010  
Medical PC.i9-12900E.7" Panel.1500W PSU.P-Cap , White
- ACCEL-VM1000-N2-A1-1010  
Medical PC.i7-12700E.700W PSU, White
- ACCEL-VM1000-N2-A2-1010  
Medical PC.i7-12700E.7" Panel.700W PSU.P-Cap, White
- ACCEL-VM1000-N2-A3-1010  
Medical PC.i7-12700E.1500W PSU, White
- ACCEL-VM1000-N2-A4-1010  
Medical PC.i7-12700E.7" Panel.1500W PSU.P-Cap, White

### 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
- OPM-C20W-A7  
WLAN Kit.802.11ax(Wi-Fi 6E).w/BT 5.3.dual ext. antenna.  
Intel.AX210.NGWGIE.vPro.for ACCEL-VM1000
- A10-SPK-A1  
5W Internal Speaker kit.for ACCEL-VM1000