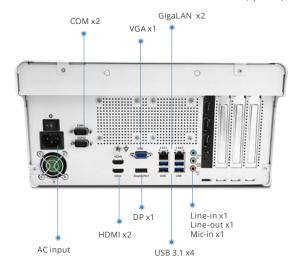# AI Inference Hardware
ACCEL-VM500

Medical AI Computing Platform with 9th Generation Intel Xeon / Core i7 CPU

Features

- Intel® 9th generation Core I/Xeon Processor with C246A chipset
- Supports ECC DDR4 DIMM up to 64GB memory
- Excellent Thermal design with low fan noise OR room environment
- Support TPM 2.0 for security management
- Support Three 4K Displays: HDMI x 2, DP x 1
- System is medical Certified with graphic card and capture card
- Supprt the integration of Nvidia RTX A4000, A5000 and A6000 GPU Card
- Support CD DVD(optional)
- Support Built in speaker (optional)

Application

- Equipment control
- Video recording in OR room
- Medical AI Application

Specifications

MAIN SPECIFICATIONS

Processor	Intel® 9th generation Core I/Xeon Processor
System Memory	Supports ECC/Non-ECC DDR4 2133 DIMM x 4 up to 64GB
Chipset	Intel® C246A
OS Support	Windows® 10 , Windows® 11 , Linux (optional)
Storage Disk Drive	2.5" SATA SSD x 2, M.2 2280 M Key SSD x 1 (NVMe or SATA SSD)
TPM	2.0
Speaker (Optional)	Built in Speaker
CD DVD(Optional)	SATA DVD+/-RW White Color

I/O

USB	Rear USB 3.1 Gen 1 x 4
	Front USB 2.0 or USB 3.0(Optonal)
	Rear USB 3.1 Gen 2 x 6(Optional)
Ethernet	Gigabit LAN x 2
Audio	Line-in x 1, Mic-in x 1 and Line-out x 1
Serial Ports	RS-232 x 2
Extension area	M.2 E Key 2230 x 1 for Wireless module PCIe 3.0[x16] x1, PCIe 3.0 [x4] x2, PCIe 3.0 [x1] x 1
Capture card (optional)	4Kp60: HDMI 2.0 in FHD: HDMI x1, DVI-I x 1, YPbPr x1, SDI x1, CVBS x 1, S-Video x 1

MECHANICAL AND ENVIRONMENTAL

Power Consumption	100V to 240V AC Input, 500W
Operating Temperature	0°C ~ 35°C(32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Dimension	330 x357.4 x168 mm
Package Size	500 x 490 x 300 mm
Gross Weight	8.6 kg
Net Weight	8 kg

Power button

USB 2.0 x2 /
USB 3.0 x2 (optional)

COM x2
VGA x1
GigaLAN x2

DP x1
HDMI x2
AC input
Line-in x1
Line-out x1
Mic-in x1
USB 3.1 x4