

Medical PC & Monitor for Digital OR

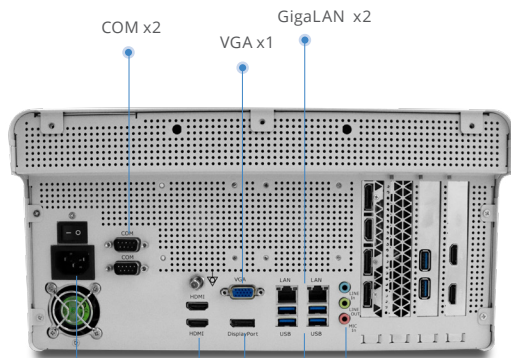
# ACCEL-VM500

Medical Video Management System with 9th Generation Intel Xeon / Core i7 CPU



Power button

USB 2.0 x2 /  
USB 3.0 x2 (optional)



COM x2

VGA x1

GigaLAN x2

AC input

HDMI x2

DP x1

USB 3.0 x4

Line-in x1  
Line-out x1  
Mic-in x1

## Features

- Intel® Xeon E-2278GE 3.3GHz / Core i7-9700E 2.6Ghz
- Supports ECC DDR4 DIMM up to 64GB memory
- Support windows video recording and video management software
- An open SDK enable user to integrate the product into environment or workflow management system
- Support Three 4K Displays: HDMI x 2, DP x 1
- Multi channels are supported to record 4K and FHD medical videos simultaneously
- Support PCIe [16] x 1, for High end graphic card (250W)

## Application

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

## Specifications

### Main Specifications

Processor	Intel® Xeon E-2278GE 3.3GHz / Core i7-9700E 2.6Ghz
System Memory	Supports ECC DDR4 2133 DIMM x 4 up to 64GB
Chipset	Intel® C246
OS Support	Windows® 10 , Linux (optional)
Storage Disk Drive	2.5" SATA x 2 , M.2 SSD x 1
TPM	2.0

### I/O

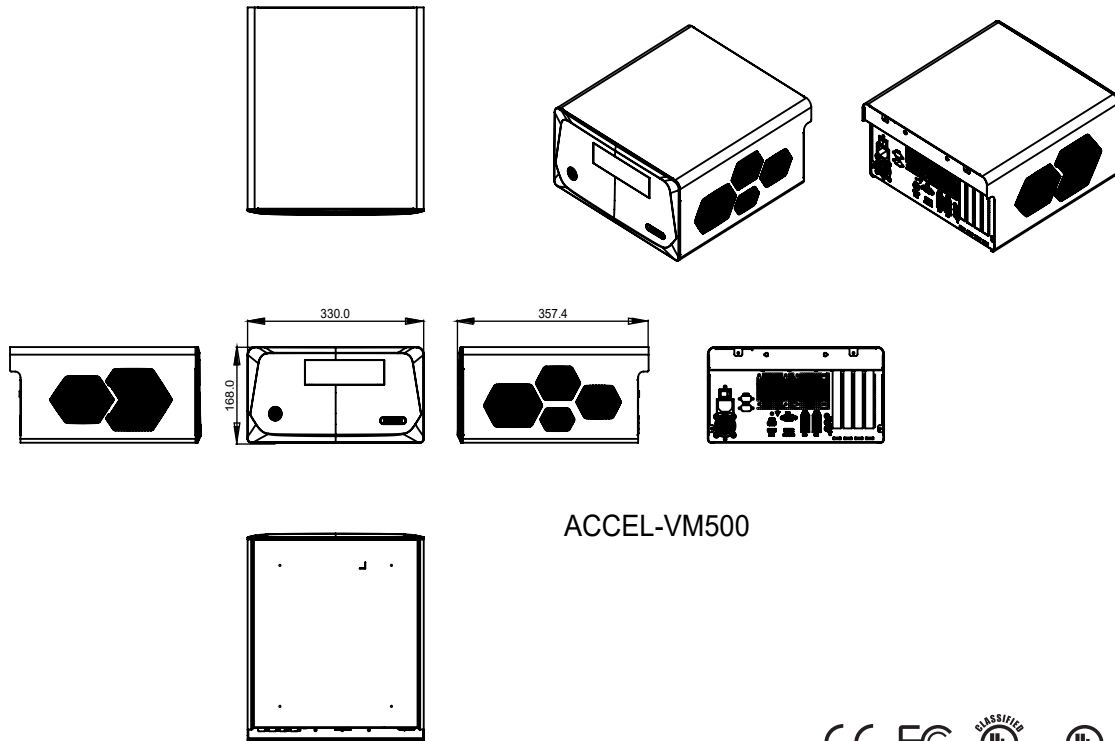
USB	USB 3.0 x 4, Front USB 2.0 x 2 or USB 3.0 x 2(optional)
Ethernet	Gigabit LAN x 2
Video Out	DP x 1, VGA x 1, HDMI x 2
Audio	Line-in, Mic-in, Line-out
Series Ports	COMx2
Extension area	M.2 E key (2230) for WIFI x1, PCIe [x16] x1 PCIe [x4] x2 , PCIe [x1] x 1
Optional Capture I/O	4Kp60: HDMI 2.0 in FHD:1×HDMI, 1×DVI-I, 1×YPbPr, 1×SDI, 1×CVBS, 1×S-Video

### 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 x 357.4 x 168 mm
Package Size	500 x 490 x 300 mm
Gross Weight	8.6 kg
Net Weight	8 kg
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/A1:2013/A12:2014 (V3.1) FCC: Part 18 Class B, Part 15 Class B, UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)

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### Dimension / Unit: mm



ACCEL-VM500



### Ordering Information

- » ACCEL-VM500-N1-A1-0010  
Medical Box PC.I7-9700E.FAN.4PCIe slot.AC 100~240V.White
- » ACCEL-VM500-N2-A1-0010  
Medical Box PC.E-2278GE.FAN.4PCIe slot.AC 100~240V.White

### Optional Accessories

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| <ul style="list-style-type: none"> <li>» OPM-C12W-A13<br/>WLAN Kit.802.11a/b/g/n/ac.w/BT 4.1.dual ext. antenna.<br/>Qualcomm Atheros NFA364A.for ACCEL-VM500</li> <li>» OPM-C15W-A13<br/>WLAN Kit.802.11a/b/g/n/ac.BT 5.dual ext. antenna.<br/>Intel AC 9260NGWGIE.NV,999LV6.for ACCEL-VM500</li> <li>» 9686400008<br/>Graphics Card.NVIDIA Quadro RTX4000 8GB.GDDR6 PCI-E.<br/>NVIDIA.RTX4000</li> <li>» 9686666683<br/>Graphics Card.PCI-Express 16X.NVIDIA GeForce RTX 2080<br/>Super.8GB GDDR6.</li> <li>» 9686666685<br/>4k HDMI capture card.2 Port.HDMI2.0</li> </ul> | <ul style="list-style-type: none"> <li>» 9686015601<br/>Full HD PCIe Video.Capture Card. 1×HDMI, 1×DVI-I, 1×YPbPr,<br/>1×SDI, 1×CVBS, 1×S-Video</li> <li>» A50-SEC-A1<br/>Second 2.5" HDD/SSD kit .for ACCEL-VM500</li> </ul> |
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