

CORP VA48/FR3

VIEWPRO

MICROVIEW develops systems and strategies tailored to your security and surveillance needs. MICROVIEW analytic engines are optimized servers developed by MICROVIEW and third parties. It has been customized to make it the perfect addition to your physical security infrastructure, providing streamlined installation and efficiency in design.

CORP VA48/FR3

An affordable single-socket 1U rack appliance designed for small to medium deployments running the analytics engine on top of Microsoft Windows 10.

This analytics-optimized server supports up to 48 concurrent analytic features or 3 cameras for face recognition or 24 cameras for LPR. Analytics licenses including face recognition and LPR are obtained separately.

Designed for everyday needs

CORP VA48/FR3 delivers a perfect balance between affordable budget and high performance. CORP VA48/FR3 is the ideal appliance for small to enterprise deployments. The storage capacity can expand up to 2 x 2.5" drives.

Perspective VMS Integration

The CORP VA48/FR3 performs the PVMS analytic functions and easily exchange the analytics data with the PVMS engine. Fast and reliable IP connectivity is established between the 2 engines.



High Performance

CORP VA48/FR3 accelerates your network surveillance infrastructure analysis response with improved performance by using 8 cores, 3.7Ghz clock speed CPU from Intel Xeon E series processors. OS and analytic engines are loaded on 2 redundant SSD disk drives for faster booting and higher applications response time.

High Availability

CORP VA48/FR3 is supplied with dual power supply, dual SSD drive configured with RAID 1 for OS and analytic engines and dual RAM. Analytics data is also protected by RAID options for higher data availability.

CORP VA48/FR3

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FEATURE	TECHNICAL SPECIFICATION
Form factor	1U
Dimensions	Form factor: Rack (1U) Width: 48.2 cm (18.97 in) Depth: 58.9 cm (23.19 in)
Processor	Intel® Xeon E2288-G 3.7G, 8C/16T
Operating system	Microsoft Windows 10
Memory	2 x 8GB
VMS/OS Disk	2 x 256GB SSD SATA, Raid 1
Storage Bays	Up to 2 x 2.5" drives
GPU	NVIDIA Quadro RTX8 ,4000GB
Power supplies	Dual Hot Plug 550W Power Supply Power Cord: C13 to C14, PDU Style, 12 AMP, 6.5 Feet (2m)
Operation Mode	General video analytics; License Plate Recognition (LPR); Face Recognition
I/O and Ports	Networking: 1 x 1GbE port Rear ports: 2 x Type C USB 1 ,3,1 x Serial Port 1 x 10GbE port Front ports: 1 x Type C USB 2 ,3,1 x Type A USB 3.1
Temperature	Storage: °40-C °65-C (°40-F to °149F) Standard Operation: °10C °35-C (°50F to °95F) Extended Operation: °10C °45-C (°50F to °113F)
Humidity	Storage: %10 to %90 RH Operating: %10 to %85 RH
Altitude	Operating: 3,048m (10,000ft) Storage: 12,000m (39,370ft)
Features Support	48 concurrent general analytic features or 3 cameras for face recognition or 24 cameras for license plate recognition at 4CIF, 5FPS with speed <10Kmh
PVMS Edition Support	PVMS Professional and Enterprise editions
Support and Warranty	3 years



CORP VA48/FR3 VIEWPRO

Chassis Views



Figure 1. Front view

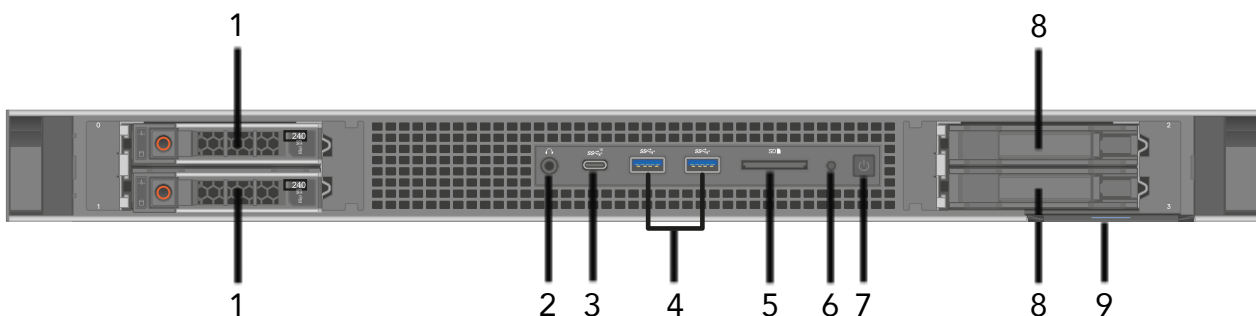


Figure 2. Front view without Bezel

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|----------------------------|-----------------------------|
| 1. SSD Drive 256GB | 2. Audio port |
| 3. USB Type-C 3.1 Gen2Port | 4. USB Type-A 3.1 Gen1 port |
| 5. SD card reader slot | 6. Drive activity light |
| 7. Power button | 8. Hard drive slot 2.5" |
| 9. Information tag | |

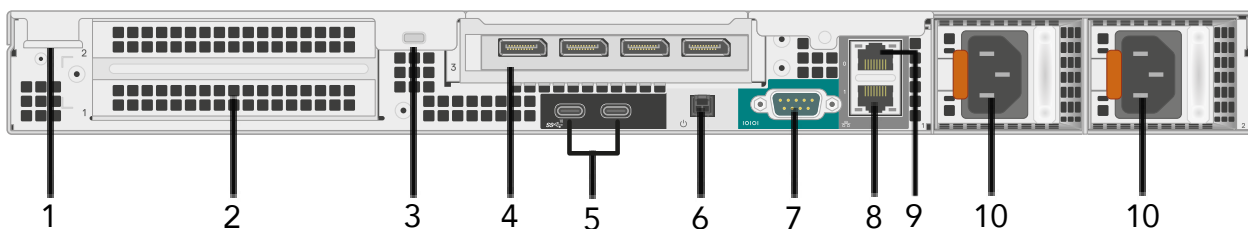


Figure 3. Rear view

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|---|--------------------------|
| 1. Padlock ring | 2. Expansion card slots |
| 3. Security cable slot | 4. NVIDIA Quadro RTX4000 |
| 5. USB Type-C 3.1 Gen2 (with UMA video support) | 6. Remote power switch |
| 7. Serial port | 10.8 GB Network port |
| 1.9 GB Network port | 10. Power supply units |

