

Enterprise 2U 24-Bay Rackmount Video Recording Server

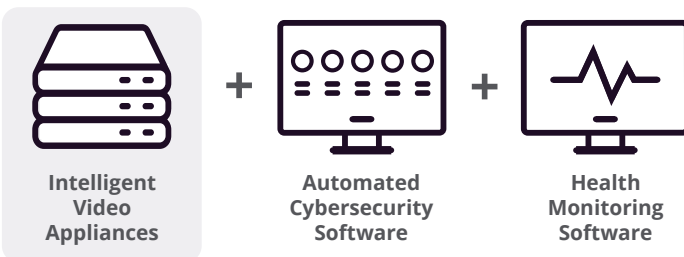
The Razberi Core™ V24C intelligent video server is built for cybersecure, high-throughput video recording for demanding 24x7 applications and storage. Enterprise-class HDDs with native 4K sectors are configured with high cache RAID to support exceptional recording and video playback performance.



Twenty four hot-plug bays support up to 528TB of video storage. 2 Intel® Xeon® scalable processors provide ample processing resources for any VMS application. Dual hot-plug power supplies deliver 1400W of redundant power.

Key Benefits

- ✓ **Perform**
 Have peace of mind with Razberi's certified performance with multiple VMS and analytics partners. An open platform that it scalable to any size deployment and not tied to a specific VMS product.
- ✓ **Manage**
 Remotely manage with less staff and fewer costly truck rolls with Razberi Monitor™. Monitor system health and cybersecurity.
- ✓ **Secure**
 Employ ApplianceDefense™ to provide AI-based antivirus and malware protection that does not compromise VMS performance. Authenticate hardware with the built-in Trusted Platform Module.



Key Features

- ✓ GPU Support
- ✓ 2 Intel® Xeon® Scalable Processors
- ✓ 24 Hot-plug Enterprise HDDs
- ✓ RAID 0, 1, 5, 6, 10, 50, 60 with 8GB Cache
- ✓ Trusted Platform Module 2.0
- ✓ Razberi ApplianceDefense™ for Built-in Cybersecurity
- ✓ 5-Year On-Site, Next Business Day Service

Razberi Core™ Servers

- ✓ **Razberi Core™ Servers** support video management, recording and analytics for demanding centralized deployments.
- ✓ **The Core™ lineup is fully integrated** with the Razberi platform that includes automated cybersecurity and health monitoring software to provide a managed platform that reduces operating and support costs.

Razberi Core™ Core™ V24C Enterprise 2U 24-Bay Rackmount Video Recording Server Specifications

PROCESSOR STANDARD	DUAL INTEL XEON SILVER 4410Y 2G, 12C/24T, 16GT/S, 30M CACHE, TURBO, HT
OS	WINDOWS SERVER 2022 STANDARD OR WINDOWS SERVER 2019 STANDARD
OPERATING SYSTEM DRIVES	2 X 480GB M.2 SATA SSD (BOSS-N 1 - RAID 1)
STORAGE	24 X 3.5" HARD DRIVES (SAS/SATA) DATACENTER SATA, NATIVE 4K SECTOR
MAX STORAGE	UP TO 528TB (24 X 22TB)
RECORDING PERFORMANCE	1600 MBPS VIDEO RECORDING (WITH DUAL PROCESSOR)
MEMORY	DUAL CPU: 32GB (2 X 16GB RDIMM, 4800MT/S) UPGRADE OPTIONS 64, 128, 256
MEMORY (MAX)	UPGRADE OPTIONS 64GB, 128GB, 256GB - DUAL CPU 268GB (16 X 16GB RDIMM, 4800MT/S)
RAID	OS: 0, 1 (RAID1 DEFAULT); STORAGE 0, 1, 5, 6, 10, 50, 60 (RAID6 DEFAULT)
HARDWARE RAID CONTROLLER	PERC H755 CACHE 8 GB DDR4 2666 MT/S NON-VOLATILE 6 GBPS SATA/SAS, & 12 GBPS SAS, & GEN3 (8 GT/S), GEN4 (16 GT/S) NVME
GPU SUPPORT	NVIDIA T400 4GB / NVIDIA T1000 8GB (CUDA COMPUTE CAPABILITY 7.5)
NETWORKING	DUAL PORT 1GBE BASE-T (2 X 1GBE COPPER)
ADDITIONAL NETWORKING (OPTIONAL)	OCP QUAD PORT 1GBE BASE-T (4 X 1GBE COPPER) OCP DUAL PORT 10GBE SFP+ (2 X 10GBE SFP+) OCP DUAL PORT 10GBE BASE-T (2 X 10GBE COPPER)
TRUSTED PLATFORM MODULE	2.0 V3
FRONT PORTS	1 X IDRAC DIRECT (MICRO-AB USB) PORT, 1 X USB 2.0
REAR PORTS	1 X USB 2.0, 1 X DEDICATED IDRAC ETHERNET PORT 1 X USB 3.0, 1 X VGA
VIDEO OUTPUTS	REAR (1) VGA FRONT (1) VGA
REMOTE MANAGEMENT	IDRAC9 G16 EXPRESS (OPTIONAL ENTERPRISE LICENSE)
REMOTE MONITORING	RAZBERI MONITOR™
SYSTEM WARRANTY	5-YEAR, ON-SITE, NEXT BUSINESS DAY
HARD DRIVE WARRANTY	5-YEAR ADVANCED REPLACEMENT

SOFTWARE

REMOTE MONITORING	RAZBERI MONITOR™
MALWARE PROTECTION	APPLIANCEDEFENSE™ & CYLANCE PROTECT

MECHANICAL

FORM FACTOR	2U RACKMOUNT
RACK SUPPORT	READYRAILS SLIDING RAILS WITH STRAIN RELIEF BAR
HARD DRIVE BAYS	24 X 3.5" HOT SWAPPABLE BAYS
POWER SUPPLY(S)	DUAL 1400W (100-240VAC) HOT-PLUG, REDUNDANT
OPERATING TEMPERATURE	10 TO 30°C (50 TO 86°F) WITH NO DIRECT SUNLIGHT ON THE PLATFORM
OPERATING HUMIDITY	10 ~ 80% (NON-CONDENSING)
DIMENSIONS (WXDXH)	18.9" (482.00MM) X 35.93" (912.622MM) X 3.41" (86.8MM)
MAX. WEIGHT	46.3 KG (102.07 LB)