

Enterprise 2U 8-Bay Rackmount Video Recording Server

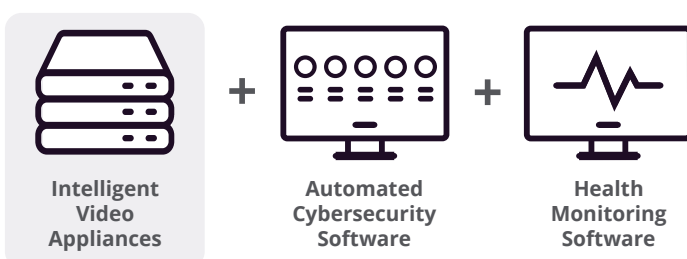
The Razberi Core™ V8B intelligent video server is built for cybersecure, high-throughput video recording for demanding 24x7 applications and storage. Enterprise-class HDDs with native 4K sectors are configured with high cache RAID to support exceptional recording and video playback performance.



Eight hot-plug bays support up to 160TB of video storage. Up to 2 Intel® Xeon® scalable processors provide ample processing resources for any VMS application. Dual hot-plug power supplies deliver 800W 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 is 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

- ✓ Up to 1200 Mbps video recording
- ✓ Up to 160TB Storage
- ✓ Up to 2 Intel® Xeon® Scalable Processors
- ✓ 8 Hot-plug Enterprise HDDs
- ✓ RAID 0,1,5,6,10 8 GB DDR4 2666 MT/s 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™ V8B Enterprise 2U 8-Bay Rackmount Video Recording Server Specification

| | |
|----------------------------------|---|
| PROCESSOR STANDARD | INTEL® XEON® SILVER 4310 2.2G (PASSMARK 22,797) |
| PROCESSOR OPTIONS | DUAL INTEL® XEON® SILVER 4310 2.2G (PASSMARK 33,078) |
| OS | WINDOWS SERVER 2019 STANDARD |
| OPERATING SYSTEM DRIVES | 2 X 240GB M.2 SATA SSD (RAID 1) |
| STORAGE | 8 X 3.5" DATACENTER SATA, NATIVE 4K SECTORS, RAID 6 (STANDARD) |
| MAX STORAGE | UP TO 160TB (8 X 20TB) |
| RECORDING PERFORMANCE | 1200 MBPS VIDEO RECORDING |
| MEMORY | SINGLE PROCESSOR: 16GB (1 X 16GB RDIMM, 3200MT/S, DUAL RANK) - UPGRADE OPTIONS 32GB, 64GB, 128GB DUAL PROCESSOR: 32GB (2 X 16GB RDIMM, 3200MT/S, DUAL RANK) - UPGRADE OPTIONS 64GB, 128GB, 256GB |
| MEMORY (MAX) | SINGLE CPU 128GB (8 X 16GB RDIMM, 3200MT/S, DUAL RANK) DUAL CPU 256GB (16 X 16GB RDIMM, 3200MT/S, DUAL RANK) |
| RAID | OS: 0, 1 (RAID1 DEFAULT); STORAGE 0, 1, 5, 6, 10, 50, 60 (RAID6 DEFAULT) |
| HARDWARE RAID CONTROLLER | 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 |
| NETWORKING | DUAL PORT 1GBE BASE-T (2 X 1GBE COPPER) |
| ADDITIONAL NETWORKING (OPTIONAL) | QUAD PORT 1GBE BASE-T (4 X 1GBE COPPER) DUAL PORT 10GBE SFP+ (2 X 10GBE SFP+) DUAL PORT 10GBE BASE-T (2 X 10GBE COPPER) |
| TRUSTED PLATFORM MODULE | 2.0 |
| FRONT PORTS | 1 X IDRAC DIRECT (MICRO-AB USB) PORT, 1 X USB 2.0, 1 X VGA |
| REAR PORTS | 1 X USB 2.0, 1 X DEDICATED IDRAC ETHERNET PORT, 1 X USB 3.0, 1 X VGA |
| REMOTE MANAGEMENT | IDRAC9 G15 EXPRESS (OPTIONAL ENTERPRISE LICENSE), IDRAC DIRECT, IDRAC SERVICE MODULE, QUICK SYNC 2 WIRELESS MODULE, IPMI 2.0 |
| 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 |
| HARD DRIVE BAYS | 8 X 3.5" HOT SWAPPABLE BAYS |
| POWER SUPPLY(S) | DUAL 800W (100-240VAC) HOT-PLUG, REDUNDANT |
| OPERATING TEMPERATURE | 10 TO 35°C (50 TO 95°F) WITH NO DIRECT SUNLIGHT ON THE PLATFORM |
| OPERATING HUMIDITY | 8 ~ 80% (NON-CONDENSING) |
| DIMENSIONS (WDXH) | 17.08" (433.83MM) X 27.85" (707.39MM) X 3.41" (86.8MM) |
| MAX. WEIGHT | 24.8 KG (54.67 LB) |