Enterprise 2U 14-Bay SSD Enhanced Video Recording Server
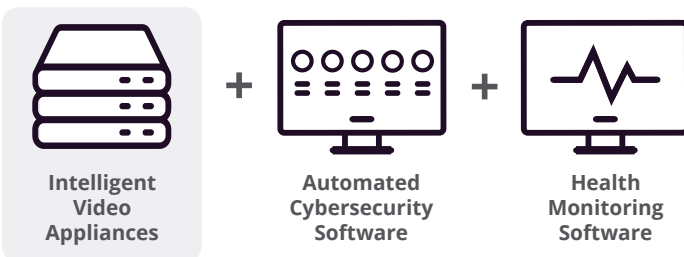
The Razberi Core™ V14C (XP) intelligent video server is built for cybersecure, high-performance video recording with Milestone XProtect®. Enterprise-class SSDs support the XProtect® Live Video database with 1600 Mbps of throughput to enable simultaneous video recording, archiving and video playback.

Enterprise-class HDDs with native 4K sectors are configured with high cache RAID to provide up to 264TB of video archive. Up to 2 Intel® Xeon® scalable processors provide ample processing resources for XProtect® services. Monitor delivers server health and cybersecurity notifications into the XProtect® Alarm Manager for a single pane of glass.

Key Features

- ✓ Up to 2 Intel® Xeon® Scalable Processors
- ✓ SSD 3X Live drive
- ✓ GPU Support
- ✓ 12+2 Hot-plug Enterprise HDDs
- ✓ RAID 0, 1, 5, 6, 10, 50, 60 with 8 GB cache
- ✓ Trusted Platform Module 2.0 V3
- ✓ 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.

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.

Intelligent Video Appliances + **Automated Cybersecurity Software** + **Health Monitoring Software**

PROCESSOR STANDARD	INTEL XEON SILVER 4410Y 2G, 12C/24T, 16GT/S, 30M CACHE, TURBO, HT
PROCESSOR OPTIONS	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	12 X 3.5″ HARD DRIVES (SAS/SATA) DATACENTER SATA, NATIVE 4K SECTORS
MAX STORAGE	UP TO 264TB (12 X 22TB) & 16TB SSD (2X8TB SSD 3X) OR 220TB (10 X 22TB) & 32TB SSD (4X8TB SSD 3X)
LIVE DRIVE STORAGE	2 X 2.5" DATACENTER SSD, RAID 1 OR 4 X 2.5" DATACENTER SSD, RAID 10
RECORDING PERFORMANCE	1200 MBPS VIDEO RECORDING (WITH SINGLE PROCESSOR) 1600 MBPS VIDEO RECORDING (WITH DUAL PROCESSOR)
MEMORY	SINGLE CPU: 16GB (1 X 16GB RDIMM, 4800MT/S) - UPGRADE OPTIONS 32GB, 64GB, 128GB DUAL CPU: 32GB (2 X 16GB RDIMM, 4800MT/S) - UPGRADE OPTIONS 64GB, 128GB, 256GB
MEMORY (MAX)	SINGLE CPU 128GB (8 X 16GB RDIMM, 4800MT/S) DUAL CPU 256GB (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)	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 V3
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 G16 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	12 X 3.5" HOT SWAPPABLE BAYS + 2 X 2.5″ DEDICATED 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. REDUCED BY 1°C/300M ABOVE 900M
OPERATING HUMIDITY	8% RH WITH -12°C (10.4°F) MIN. DEW POINT TO 80% RH WITH 21°C (69.8°F) MAX. DEW POINT
DIMENSIONS (WXDXH)	482 MM (18.97 INCHES) X 721.62 MM (28.4 INCHES) X 3.41" (86.8MM)
MAX. WEIGHT	28.76 KG (63.40 LB)

comnet by acre