

Razberi Core™ V14-XP

Enterprise 2U 14-Bay Milestone XProtect® Recording Server

Up to 1600 Mbps video recording • Up to 192TB Storage • Up to 15TB SSD Live Video Database

The Razberi Core™ V14-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 192TB 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.



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 FEATURES

- Up to 2 Intel® Xeon® Scalable Processors
- 14 Hot-plug Enterprise Drives
- RAID 0,1,5,6,10 with 8GB Cache
- Trusted Platform Module 2.0
- Razberi ApplianceDefense™ for Built-in Cybersecurity
- 5-Year On-Site, Next Business Day Service

KEY BENEFITS

Perform

Have peace of mind with Razberi's certified performance with Milestone XProtect®. Purpose-built to optimize XProtect® archive video databases.

Manage

Remotely manage with less staff and fewer costly truck rolls with Razberi Monitor™. Monitor system health and cybersecurity. Native integration into Milestone XProtect® alarm management.

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.



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SPECIFICATIONS



Processor Standard	Intel® Xeon® Silver 4210 2.2G (Passmark 15,898)
Processor Options	Dual Intel® Xeon® Silver 4210 2.2G (Passmark 20,974)
OS	Windows Server 2016 Windows Server 2019 (optional)
Operating System Drives	2 x 240GB M.2 SATA SSD (RAID 1)
Storage	12 x 3.5" Datacenter SATA, native 4K sectors, RAID 6 (standard)
Max Storage	Up to 192TB (12 x 16TB)
Live Video Drives	2 x 2.5" Datacenter SSD, RAID 1 or 4 x 2.5" Datacenter SSD, RAID 10
Max Live Video Storage	Up to 15TB (4 x 3840GB), RAID 1,10 Endurance: Up to 29.2 total petabytes written
Recording Performance	1600 Mbps video recording (with dual processor) 1200 Mbps video recording (with single processor)
Memory	Single Processor: 32GB (2 x 16GB RDIMM, 2666MT/s, Dual Rank) Dual Processor: 32GB (2 x 16GB RDIMM, 2666MT/s, Dual Rank)
Memory (Max)	64GB (4 x 16GB RDIMM, 2666MT/s, Dual Rank)
RAID	OS: 0, 1; Storage 0,1,5,6,10
Hardware Raid Controller	12 Gbps/port, 8GB NV Cache
Networking	(2) 1GbE
Additional Networking (Optional)	(2) 10GbE SFP+
Trusted Platform Module	2.0
USB(s)	Rear (2) USB 3.0 Front (1) USB 2.0 (1) Micro USB
Video Outputs	Rear (1) VGA Front (1) VGA
Remote Management	iDRAC9 Express (optional Enterprise license), IPMI 2.0. Redfish
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™
MECHANICAL	
Form Factor	2U Rackmount
Rack Support	Sliding Rack Rail
Hard Drive Bays	12 x 3.5" + 2 x 2.5" Hot Swappable Bays
Power Supply(s)	Dual 750W (100-240VAC) Hot-plug, Redundant
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	10 ~ 80% (non-condensing)
Dimensions (WxDxH)	18.97" (482.00mm) x 28.25" (717.595mm) x 3.41" (86.8mm)
Max. Weight	29.68 kg (65.43 lb)

