

Core[™] V12

Enterprise 2U 12-Bay Rackmount Video Recording Server

Up to 1600 Mbps video recording • Up to 192TB Storage

The Razberi Core[™] V12 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.

Twelve hot-plug bays support up to 192TB of video storage. Up to 2 Intel[®] Xeon[®] scalable processors provide ample processing resources for any VMS application. Dual hot-plug power supplies deliver 750W of redundant power.



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
- 12 Hot-plug Enterprise HDDs
- 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 multiple VMS and analytics partners. An open platform that's 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.



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)
Recording Performance	1600 Mbps video recording (with dual processor) 1200 Mbps video recording (with single processor)
Memory	Single Processor: 16GB (1 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" 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)