

# Core<sup>™</sup> V12

## Enterprise 2U 12-Bay Rackmount Video Recording Server

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

The Razberi Core<sup>™</sup> 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<sup>™</sup> SERVERS

**Razberi Core<sup>™</sup> Servers** support video management, recording and analytics for demanding centralized deployments.

**The Core<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup>. Monitor system health and cybersecurity.

#### Secure

Employ ApplianceDefense<sup>™</sup> to provide AI-based antivirus and malware protection that does not compromise VMS performance. Authenticate hardware with the built-in Trusted Platform Module.



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