

# Core™ A8

## Enterprise 2U 8-Bay Rackmount Video Analytics Server

*Powered with multiple GPUs • Up to 1.5TB of DDR4 RAM*

The Razberi Core™ A8 intelligent video analytics server is built for cybersecure, high powered video analytics applications. Multiple NVIDIA® GPUs, up to 1.5TB of DDR4 memory coupled with dual Intel® Xeon® Scalable Processors provide the horsepower for the most demanding video analytics.

Up to 96TB of video storage is available with Enterprise-class SATA HDDs with native 4K sectors configured with high cache RAID. Dual hot-plug power supplies deliver 1600W 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
- Up to 3 NVIDIA RTX 4000 GPUs
- Up to 1.5TB of DDR4 RAM
- 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.



<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) Dual Intel® Xeon® Silver 4214 2.2G (Passmark 24,097) Dual Intel® Xeon® Gold 6230 2.1G (Passmark 24,559) Dual Intel® Xeon® Gold 6240 2.6G (Passmark 36,644) Dual Intel® Xeon® Gold 6248 2.5G (Passmark 38,755)
<b>Graphics Processing Units</b>	NVIDIA RTX 4000, Quadro P4000 (Up to 3)
<b>OS</b>	Win10 Windows Server 2016 (optional) Windows Server 2019 (optional)
<b>Operating System Drives</b>	2 x 2.5" 512GB SSD (RAID 1)
<b>Storage</b>	6 x 3.5" Datacenter SATA, native 4K sectors, RAID 5 (standard)
<b>Max Storage</b>	Up to 96TB (6 x 16TB)
<b>Memory</b>	128GB (8 x 16GB) DDR4 2666MHz RDIMM ECC
<b>Memory (Max)</b>	1.5 TB DDR4 2666 MHz EEC
<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 + (2) 10GbE SFP+
<b>Trusted Platform Module</b>	2.0
<b>USB(s)</b>	Rear (2) USB 3.0, (2) Micro USB Front (1) USB 3.0, (2) 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>	8 x 3.5" Hot Swappable Bays (2 used for OS)
<b>Power Supply(s)</b>	Dual 1600W (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>	17" (482.00mm) x 29.78" (715.5mm) x 3.41" (86.8mm)
<b>Max. Weight</b>	28.6 kg (63.05 lb)