

Razberi 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.



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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) 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)
Graphics Processing Units	NVIDIA RTX 4000, Quadro P4000 (Up to 3)
OS	Win10 Windows Server 2016 (optional) Windows Server 2019 (optional)
Operating System Drives	2 x 2.5" 512GB SSD (RAID 1)
Storage	6 x 3.5" Datacenter SATA, native 4K sectors, RAID 5 (standard)
Max Storage	Up to 96TB (6 x 16TB)
Memory	128GB (8 x 16GB) DDR4 2666MHz RDIMM ECC
Memory (Max)	1.5 TB DDR4 2666 MHz EEC
RAID	OS: 0, 1; Storage 0,1,5,6,10
Hardware Raid Controller	12 Gbps/port, 8GB NV Cache
Networking	(2) 1GbE + (2) 10GbE SFP+
Trusted Platform Module	2.0
USB(s)	Rear (2) USB 3.0, (2) Micro USB Front (1) USB 3.0, (2) 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	8 x 3.5" Hot Swappable Bays (2 used for OS)
Power Supply(s)	Dual 1600W (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)	17" (482.00mm) x 29.78" (715.5mm) x 3.41" (86.8mm)
Max. Weight	28.6 kg (63.05 lb)