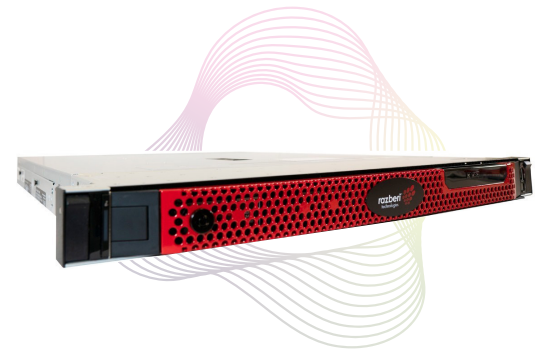The Razberi Core™ M4C management server is built and tested to host a cybersecure, high performance video management directory or database. Four hot-plug Solid State Drives (SSD) in a RAID 10 configuration provide high throughput and high endurance that scales to support up to 1,200 cameras. In case of Recording server, HDD (4 x 3.5in up to 22TB) are also supported in RAID 0, 1, 5, 6, 10 for video storage.

Dual hot-plug power supplies deliver 350W of redundant power.

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

- ✓ Intel® Xeon® E-2434 3.4G, 4C/8T, 12M Cache
- ✓ DDR5 4800MT/s UDIMMs
- ✓ 4 Hot-plug SSD or HDD
- ✓ RAID 10 with 2GB Cache
- ✓ Trusted Platform Module 2.0
- ✓ Razberi ApplianceDefense™ for Built-in Cybersecurity
- ✓ 5-Year Warranty, On-Site NBD

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 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® E-2434, 3.4GHz/4.8GHz Turbo, 4C/8T, 12MB Cache, TDP 55W
OS	Windows: Server 2019, Server 2022, Windows 11
Operating System Drives	2 x 480GB M.2 (RAID 1)
Storage	4 x SSD/HDD SSD Available 256GBSSD,512GB SSD, 1TB3X, 2TB3X, 4TB3X, 8TB3X, 1.6TB10X HDD Available 2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 16TB, 18TB, 20TB, 22TB
Memory	16GB (1 x 16GB) 4800MT/s UDIMM ECC
Memory (Max)	64GB (4 x 16GB) 4800MT/s UDIMM ECC
RAID	OS: 0, 1; Storage 0,1,5,6,10
Hardware Raid Controller	PERC H755 Cache 8GB DDR4 2666MT/S NON-VOLATILE 6GBPS SATA/SAS, & 12GBPS SAS, & GEN3 8GT/S, GEN4 16GT/S NVME
Networking	(2) 1GbE
Additional Networking (Optional)	(2) 10Gbe SFP+
Trusted Platform Module	2.0 V3
USB(s)	Rear (1) USB 3.2 Gen1 (1) USB2.0 Front (1) USB 2.0 (1) iDRAC Direct Port Micro USB
Video Outputs	Rear (1) VGA
Remote Management	iDRAC9 Express (optional Enterprise license) Rear Dedicated IDRAC Ethernet Port
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	1U Rackmount
Rack Support	ReadyRails Sliding Rails without cable management
Hard Drive Bays	4 x 3.5″ Hot Swappable Bays
Power Supply(s)	Dual 600W (100-240VAC) Hot-plug, Redundant
Operating Temperature	ASHRAE A2 <= 900 m (<= 2953 ft) 10–35°C (50–95°F) with no direct sunlight on the equipment
Operating Humidity	Non-condensing 8% RH with -12°C minimum dew point to 80% RH with 21°C (69.8°F) maximum dew point
Dimensions (WxDxH)	18.98"(482.0mm) x 23.58" (598.94mm) x 1.69" (42.8mm)
Max. Weight	29.17 lb (13.23kg)

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