

1U VIDEO RECORDING APPLIANCE WITH AUTOMATED CYBERSECURITY

Razberi Video Recording Appliance VA4 is a purpose-built video appliance with discrete hardware RAID, hot plug enterprise-class storage. Part of a complete suite of appliances that provide security leaders with unmatched video recording, scalability, reliability, and automated cybersecurity with remote management.

Built for security, engineered for performance, open architected, designed for centralized or edge deployments



RAZBERI CORE APPLIANCES

- ✓ Intelligent, high performance, secure video surveillance recording appliances with built in cybersecurity.
- ✓ Purpose-built design to support megapixel camera resolutions.
- ✓ Open platform, certified with leading VMS and analytics partners.

KEY FEATURES

- ✓ Intel® 11th Generation Xeon® Processor
- ✓ 4 Hot-plug Enterprise HDDs with hardware RAID
- ✓ Video storage up to 80TB
- ✓ ApplianceDefense, automated antivirus and malware protection

KEY BENEFITS

- ✓ **Performance**
Razberi's certified performance with multiple VMS and analytics partners gives you peace of mind. An open platform that is scalable to any size deployment and not tied to a specific VMS product.
- ✓ **Remotely Monitor and Manage**
Razberi Monitor requires less staff and fewer costly truck rolls with Razberi. Monitor system health and cyber security. Manage software and Windows security updates.
- ✓ **Cybersecure**
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.

Hardware Specifications

Processor	Intel Xeon E-2314 2.8GHz, 8M Cache, 4C/4T, Turbo (65W)
3200 MT/s Memory	<ul style="list-style-type: none"> 16 GB standard (2 x 8GB DDR4 3200MT/s UDIMM) 32 GB optional (2 x 16GB DDR4 3200MT/s UDIMM)
TPM	2.0 V3 FIPS140-2 Level 2
Operating System Drive	1 x 256GB M.2
Storage	<ul style="list-style-type: none"> 4 x SATA III (6.0 Gbs) Hot swap bays 3.5 inch Enterprise class HDDs 2, 4, 6, 8, 10, 12, 14, 16, 18, 20TB
RAID Controller	RAID 0/1/5/6/10 hardware controller with 8 GB cache for power failure protection
Graphics	Matrox G200 Controller 16MB Video, 1 x VGA Rear
Server Connectors	<ul style="list-style-type: none"> 2 X 1GbE LOM
USB	<ul style="list-style-type: none"> 1 x 2.0 Front, 1 x 3.0 Rear, 1 x 2.0 Rear, 1 x 3.0 Internal

General Specifications

Operating System	<ul style="list-style-type: none"> Windows 10 Enterprise 2019 LTSC Windows Server 2019 LTSC
Intelligent Features	<ul style="list-style-type: none"> Razberi Monitor and Manage ApplianceDefense Antivirus and Malware Protection
Remote Management	<ul style="list-style-type: none"> Razberi Monitor and Manage IDRAC Basic 15G (Optional Enterprise License)
Operating Conditions	<ul style="list-style-type: none"> 10 °C to 35 °C (50 °F to 95 °F) 8% to 80% RH Non-condensing
Storage Conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Power	<ul style="list-style-type: none"> Input Voltage: 100-240Vac 50-60Hz Typical Current: 6.5-3.5A
Heat Load	1871 BTU/hour
Dimensions	23.56 x 18.97 x 1.68 in, 1U Chassis (598 x 482 x 42.8 mm)
Weight (Max)	27.51 lbs (12.48 Kg)
Optional Accessories	Static Rack Rails
Warranty	3 Year Warranty, Next Business OnSite
Hard Drive Warranty	3 Year Advanced Replacement

Razberi Video Appliance VA4 Model-Specific Table

PART NUMBER	OPERATING SYSTEM	STORAGE (TB)	RAID CONTROLLER	MEMORY	POWER SUPPLY
VA4-E2314-16-8T2R-W10	Windows 10 Ent 2019 LTSC	8 TB (4 x 2TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-16T4R-W10	Windows 10 Ent 2019 LTSC	16 TB (4 x 4TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-24T6R-W10	Windows 10 Ent 2019 LTSC	24 TB (4 x 6TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-32T8R-W10	Windows 10 Ent 2019 LTSC	32 TB (4 x 8TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-40T10R-W10	Windows 10 Ent 2019 LTSC	40 TB (4 x 10TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-48T12R-W10	Windows 10 Ent 2019 LTSC	48 TB (4 x 12TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-56T14R-W10	Windows 10 Ent 2019 LTSC	56 TB (4 x 14TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-64T16R-W10	Windows 10 Ent 2019 LTSC	64 TB (4 x 16TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-72T18R-W10	Windows 10 Ent 2019 LTSC	72 TB (4 x 18TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-8T2R-S19	Windows Sever 2019 Standard	8 TB (4 x 2TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-16T4R-S19	Windows Sever 2019 Standard	16 TB (4 x 4TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-24T6R-S19	Windows Sever 2019 Standard	24 TB (4 x 6TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-32T8R-S19	Windows Sever 2019 Standard	32 TB (4 x 8TB)	PERC 755	16GB (2 X 8GB)	450 Watt
VA4-E2314-16-40T10R-S19	Windows Sever 2019 Standard	40 TB (4 x 10TB)	PERC 755	16GB (2 X 8GB)	450 Watt
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