

## 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

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

## General Specifications

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

## Razberi Video Appliance VA4 Model-Specific Table

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

