

VideoXpert® Storage Server R-Series Enterprise 2U 8-Bay Rackmount

Product Features

- Up to 144 TB of Raw Storage
- Intel® Xeon® Silver Scalable Processor
- Windows Server 2019 Operating System
- iDRAC features include:
 - Remote Management
 - Disaster Recovery
 - Critical Resource Monitoring
- SSD 24/7 Duty Cycle Drives
- Redundant Power
- RAID 6
- 5-Year, On-site, NBD, Keep Your Hard Drive Warranty



Enterprise, High Performance, and Video Processing

Benefit from scalable storage performance and video processing with this Enterprise server. This 2U platform brings you scalability and performance to adapt to a variety of the most demanding and process-intensive video surveillance applications.

Up to 144 TB of raw storage allows for long-term video storage and archiving. Paired with the latest Intel® Xeon® Scalable processor, this provides high density storage with Enterprise throughput for the most demanding applications.

Better performance is provided with dual SSDs for accelerated boot and application load times. Remote management, provided by iDRAC, allows for constant system status and critical resource monitoring. RAID 6 storage, in addition to redundant 800 W power supplies, provide system reliability and high availability, while a five-year, on-site, next business day, Keep Your Hard Drive warranty ensures peace of mind.

Technical Specifications

System

Item	Description
Processors	Intel® Xeon® Silver 4310 Scalable Processor (12 Cores, 24 Threads, 2.10 GHz)
Maximum storage	Up to 144 TB
Operating system	Windows Server 2019
Memory	32 GB (4x 8 GB)

Item	Description
RAID	OS RAID 1; Data RAID 6
Networking	(2) 1 GbE RJ45 Ports; (2) 10 GbE SFP+ Ports; (1) Dedicated iDRAC Port
USB(s)	Rear (1) USB 3.0, (1) USB 2.0, Front (1) USB 2.0
Video outputs	(1) VGA
Warranty	5-Year, On-site, NBD, Keep Your Hard Drive Warranty

Mechanical

Item	Description
Form factor	2U Rackmount
Hard drive bays	(8) 3.5 in SATA Hot Swappable Bays & (2) M.2 SSD Slots
Power supply(s)	(2) 800 W (100-240 VAC) 80 Plus Platinum
Power information	Input Power 3000 BTU/h Maximum
Operating temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35°C]
Operating humidity	8% relative humidity with 10°F (-12°C) minimum dew point, to 80% relative humidity with 70°F (21°C) maximum dew point
Dimensions (WxDxH)	17.1 in (434 mm) x 26.57 in (675 mm) x 3.4 in (86.8 mm), without rack ears and bezel
Maximum weight	54.67 lbs. (24.8 kg)

Throughput

Model	Recording Throughput	Playback Throughput
VXS2B-R: 1 GbE	Up to 700 Mbps ¹	Up to 175 Mbps
VXS2B-R: 10 GbE	Up to 1000 Mbps	Up to 175 Mbps

¹Requires a network switch line rate capable of performing continuously at 700 Mbps while connected to 1 GbE.

Part Numbers (SKUs)

SKU	Description
VXS2B-R0-N	R-Series VxStorage, Windows Server 2019, 0 TB (no storage drives), 5-year warranty
VXS2B-R96-N12	R-Series VxStorage, Windows Server 2019, 32 GB RAM, Intel Xeon Silver (x1), 1 GbE NIC (x2), 10GbE SFP+ (x2), iDRAC, redundant power, RAID 6, 96 TB raw, 65.46 TB effective, 5-year warranty
VXS2B-R144-N18	R-Series VxStorage, Windows Server 2019, 32 GB RAM, Intel Xeon Silver (x1), 1 GbE NIC (x2), 10 GbE SFP+ (x2), iDRAC, redundant power, RAID 6, 144 TB raw, 98.22 TB effective, 5-year warranty

Optional Accessories

SKU	Description
HDDKIT-18TB-R550	18 TB SATA storage drive with carrier for VXS R-series recorders
HDDKIT-12TB-R550	12 TB SATA storage drive with carrier for VXS R-series and Power 3 series recorders



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