VideoXpert® Storage Server E-Series
Enterprise 2U 18-Bay Rackmount

Product Features

- Up to 288 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 288 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 1100 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	(2) Intel® Xeon® Silver 4210 Scalable Processor (10 Cores, 20 Threads, 2.20 GHz)
Maximum storage	Up to 288 TB
Operating system	Windows Server 2019

Item	Description
Memory	32 GB (4x 8 GB)
RAID	OS RAID 1; Data RAID 6
Networking	(4) 1 GbE RJ45 Ports; (2) 10 GbE SFP+ Ports; (1) Dedicated iDRAC Port
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
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	(18) 3.5 in SAS Hot Swappable Bays & (2) M.2 SSD Slots
Power supply(s)	(2) 1100 W (100-240 VAC) 80 Plus Platinum
Power information	Input Power 516 W / 1761 BTU/h - Max Potential Power 900 W / 2980 BTU/h
Operating temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35°C]
Operating humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	19 in (482.6mm) x 29.7 in (755mm) x 3.4 in (86.8mm)
Maximum weight	73 lbs. (33.1kg)

Throughput

Model	Recording Throughput	Playback Throughput
VXS2B-E SAS: 1 GbE	Up to 700 Mbps[1]	Up to 175 Mbps
VXS2B-E SAS: 10 GbE	Up to 2500 Mbps	Up to 175 Mbps

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

Part Numbers (SKUs)

SKU	Description
VXS2B-E168-N12S	E-Series VxStorage, Windows Server 2019, 32 GB RAM, Intel Xeon Silver (x2), 1 GbE NIC (x4), 10 GbE SFP+ (x2), iDRAC, redundant power, RAID 6, 168 TB raw, 128.29 TB effective, 5-year warranty
VXS2B-E216-N12S	E-Series VxStorage, Windows Server 2019, 32 GB RAM, Intel Xeon Silver (x2), 1 GbE NIC (x4), 10 GbE SFP+ (x2), iDRAC, redundant power, RAID 6, 216 TB raw, 171.06 TB effective, 5-year warranty
VXS2B-E288-N16S	E-Series VxStorage, Windows Server 2019, 32 GB RAM, Intel Xeon Silver (x2), 1 GbE NIC (x4), 10 GbE SFP+ (x2), iDRAC, redundant power, RAID 6, 288 TB raw, 232.83 TB effective, 5-year warranty

a Motorola Solutions Company

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