PELCO

Product Specification

VideoXpert Storage Server E-Series

Enterprise 2U 18-Bay Rackmount

Enterprise, Scalable Performance for Video Processing and Archiving

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 216TB 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 1100W 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.

KEY FEATURES

- Up to 216TB of Raw Storage
- Intel® Xeon® Silver Scalable Processor
- Operating System: Windows Server 2016
- iDRAC features include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring

SSD & 24/7 Duty Cycle SAS Drives

Redundant Power

RAID 6

5-Year, On-site, NBD, Keep Your Hard Drive Warranty





SKU	DESCRIPTION
VXS2-E168-12S	VXS RAID STORAGE SVR SAS 168TB
VXS2-E216-12S	VXS RAID STORAGE SVR SAS 216TB

SKU	DESCRIPTION - Hard Drives
HDDKIT-12TB-SAS	VX 12TB SAS HDD KIT

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CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processors	(2) Intel® Xeon® Silver 4210 Scalable Processor (10 Cores, 20 Threads, 2.20 GHz)
Processor Passmark	(2) Intel® Xeon® Silver 4210: 16, 472
Maximum Storage	Up to 216TB
Operating System	Windows Server 2016
Memory	32GB (4x 8GB)
RAID	OS RAID 1; Data RAID 6
RAID Controller	PERC H740P (8GB NV Cache, RAID 6)
Networking	(4) 1GbE RJ45 Ports; (2) 10GbE SFP+ ports
Expansion Slots	(2) Full-height PCIe x8, (1) Low-profile x8 slots (In default configuration)
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
Video Outputs	(1) VGA
Remote Management	iDRAC Express
Manufacturer	PELCO
Warranty	5-Year, On-site, NBD, Keep Your Hard Drive Warranty
MECHANICAL	
Form Factor	2U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	(18) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots
Hard Drives Supported	PCIe NVMe & SAS
Power Supply(s)	(2) 1100W (100-240VAC) 80 Plus Platinum
Power Information	Input Power 516W / 1761 BTU/h - Max Potential Power 900W / 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" (482.6mm) x 29.7" (755mm) x 3.4" (86.8mm)
Max. Weight	73 lbs. (33.1kg)

MODEL	RECORDING THROUGHPUT	PLAYBACK THROUGHPUT
VXS2-E SAS: 1Gb	Up to 700 Mbps	Up to 175 Mbps
VXS2-E SAS: 10Gb	Up to 2500 Mbps	Up to 175 Mbps

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