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Product Specification

VideoXpert Storage Server T-Series

Enterprise 2U 12-Bay Rackmount

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 144TB 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 750W 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

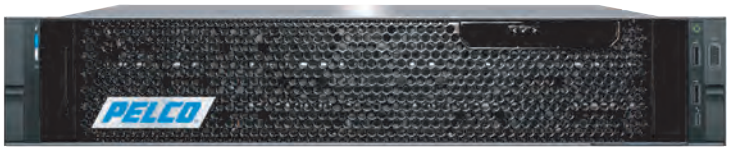
- Up to 144TB of Raw Storage
- Intel® Xeon® Silver Scalable Processor
- Operating System: Windows Server 2019
- iDRAC features include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring

SSD & 24/7 Duty Cycle SATA Drives

Redundant Power

RAID 6

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



SKU	DESCRIPTION
VXS2-T0-N	VXS RAID STORAGE SVR 00TB
VXS2-T96-N8	VXS RAID STORAGE SVR 96TB
VXS2-T144-N12	VXS RAID STORAGE SVR 144TB
VX-S2-HDTRAY	HD carrier tray for VxStorage v2.

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CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor	(1)Intel® Xeon® Silver 4210 Scalable Processor (10 Cores, 20 Threads, 2.20 GHz)
Processor Passmark	Intel® Xeon® Silver 4210: 12,020
Maximum Storage	Up to 144TB
Operating System	Windows Server 2019
Memory	32GB (4x 8GB)
RAID	OS RAID 1; Data RAID 6
RAID Controller	PERC H740P (8GB NV Cache, RAID 6)
Networking	(2) 1GbE RJ45 Ports; (2) 10GbE SFP+
Expansion Slots	(1) x16 full-height, (2) x8 low profile PCIe 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 Basic
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	(12) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots
Hard Drives Supported	PCIe NVMe & SATA
Power Supply(s)	(2) 750W (100-240VAC) 80 Plus Platinum
Power Information	Input Power 330W / 1126 BTU/h - Max Potential 650W / 2178 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 28.15" (646mm) x 3.4" (86.8mm)
Max. Weight	65.43 lbs. (29.68 kg)

MODEL	RECORDING THROUGHPUT	PLAYBACK THROUGHPUT
VXS2-T: 1Gb	Up to 700 Mbps	Up to 175 Mbps
VXS2-T: 10Gb	Up to 1000 Mbps	Up to 175 Mbps

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