

2U Rackmount Video Analytics Server for Enterprise Deployments

The VSS-28 is optimized for high powered compute intensive video analytics applications. Providing unrivaled performance, the VSS-28 maximizes cutting-edge hardware to guarantee results.

With up to (6) NVIDIA® Tesla T4 single slot or (3) dual slot Tesla V100 GPUs and (2) Intel® Xeon® Scalable Gold Processors, this analytics server delivers performance-driven results. Up to 1.5TB of LRDIMM DDR4 RAM ensures smooth system operation, while boot and application optimized dual solid state drives improve response and load times.

Video storage is supported with up to eight 3.5" hard drives and support of RAID 5/6 for data protection and optimized performance. Further high availability features include dual 1100W/1600W power supplies. The VSS-28 also comes with VSS' standard 3-year, on-site, next business day, keep your hard drive warranty.

Keep Your Hard Drive

With Video Storage Solutions' Keep Your Hard Drive warranty, your sensitive data and hard drive never leave your control. It also helps you comply with current data privacy regulations and internal company policies by ensuring sensitive information on your hard drive is not compromised, mitigating the risk of expensive civil litigation if confidential customer data or intellectual property were to be exposed.



Back - Dual Processor Models



Back - Single Processor Models

KEY FEATURES

- Up to (6) NVIDIA® Tesla T4 Graphics Cards
- (2) Intel® Xeon® Scalable Gold Processors
- Up to 1.5TB LRDIMM DDR4 RAM



SSD, SATA, & SAS



3-Year, On-site, Next Business Day, Keep Your Hard Drive Warranty



Redundant Power



Up to (6) NVIDIA Tesla T4 GPUs



RAID Options: 5, 6, 10

FOR MORE INFORMATION

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TECH SUPPORT

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VSS-28

VSS-28X

SYSTEM		
Processor(s)	Intel® Xeon® Gold 6234 (8 Cores, 16 Threads, 4.00GHz) Intel® Xeon® Gold 6248R (24 Cores, 48 Threads, 4.00GHz)	Dual Intel® Xeon® Gold 6234 (8 Cores, 16 Threads, 4.00GHz) Dual Intel® Xeon® Gold 6248R (24 Cores, 48 Threads, 4.00GHz)
Processor Passmark	Intel® Xeon® Gold 6234: n/a Intel® Xeon® Gold 6248R: 38,521	Dual Intel® Xeon® Gold 6234: 28,829 Dual Intel® Xeon® Gold 6248R: n/a
Graphics Card Supported	Up to (3) NVIDIA® Tesla T4, P4; (1) NVIDIA® Tesla V100, P40	Up to (6) NVIDIA® Tesla T4, P4 Up to (3) NVIDIA® Tesla V100, P40
Maximum Storage	Up to 108TB SAS	Up to 108TB SAS
Hard Drives Supported	SSD, SATA, SAS	SSD, SATA, SAS
Memory	Gold 6234: 16GB (2x 8GB) (12x DDR4 DIMM Slots) Gold 6248R: 16GB (2x 8GB) (12x DDR4 DIMM Slots) Maximum Configuration: Up to 1.5TB LRDIMM, 192GB NVDIMM	Gold 6234: 32GB (4x 8GB) (24x DDR4 DIMM Slots) Gold 6248R: 32GB (4x 8GB) (24x DDR4 DIMM Slots) Maximum Configuration: Up to 1.5TB LRDIMM, 192GB NVDIMM
RAID	OS RAID 1; Data RAID 5, 6, 10	OS RAID 1; Data RAID 5, 6, 10
RAID Controller	PERC H740P (8GB NV Cache)	PERC H740P (8GB NV Cache)
Networking	(4) 1GbE RJ45 Ports	(2) 1GbE RJ45 Ports, (2) 10GbE SFP+ ports
Expansion Slots	(1) Full-Height PCIe x16, (2) Full-Height PCIe x8, (1) Low-Profile PCIe x8 (In default configuration)	(3) Full-Height PCIe x16, (4) Full-Height PCIe x8, (1) Low-Profile PCIe x8
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
Video Outputs	(1) VGA	(1) VGA
Remote Management	iDRAC Express	iDRAC Express
Manufacturer	Video Storage Solutions	Video Storage Solutions
System Warranty	3-Year, On-site, Next Business Day, Keep Your Hard Drive Warranty	
MECHANICAL		
Form Factor	2U Rackmount	2U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	(8) 3.5" Hot Swappable Bays (2 used for OS)	(8) 3.5" Hot Swappable Bays (2 used for OS)
Power Supply(s)	(2) 1100W (100-240VAC) 80 Plus Platinum (2) 1600W (100-240VAC) 80 Plus Platinum	(2) 1100W (100-240VAC) 80 Plus Platinum (2) 1600W (100-240VAC) 80 Plus Platinum
Maximum Power Draw	1750W	1750W
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	17.1" (434mm) x 25.4" (646mm) x 3.4" (86.8mm)	17.1" (434mm) x 25.4" (646mm) x 3.4" (86.8mm)
Max. Weight	Min. 31.2 lbs. (14.2kg) Max. 62 lbs. (28.2kg)	Min. 31.2 lbs. (14.2kg) Max. 62 lbs. (28.2kg)

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