

### 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

support@videoappliances.com

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### VSS-28

### VSS-28X

SYSTEM		
<b>Processor(s)</b>	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)
<b>Processor Passmark</b>	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
<b>Graphics Card Supported</b>	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
<b>Maximum Storage</b>	Up to 72TB SAS	Up to 72TB SAS
<b>Hard Drives Supported</b>	SSD, SATA, SAS	SSD, SATA, SAS
<b>Memory</b>	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
<b>RAID</b>	OS RAID 1; Data RAID 5, 6, 10	OS RAID 1; Data RAID 5, 6, 10
<b>RAID Controller</b>	PERC H740P (8GB NV Cache)	PERC H740P (8GB NV Cache)
<b>Networking</b>	(4) 1GbE RJ45 Ports	(2) 1GbE RJ45 Ports, (2) 10GbE SFP+ ports
<b>Expansion Slots</b>	(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
<b>USB(s)</b>	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
<b>Video Outputs</b>	(1) VGA	(1) VGA
<b>Remote Management</b>	iDRAC Express	iDRAC Express
<b>Manufacturer</b>	Video Storage Solutions	Video Storage Solutions
<b>System Warranty</b>	3-Year, On-site, Next Business Day, Keep Your Hard Drive Warranty	
MECHANICAL		
<b>Form Factor</b>	2U Rackmount	2U Rackmount
<b>Rack Support</b>	Sliding Rack Rail with Cable Management Arm	Sliding Rack Rail with Cable Management Arm
<b>Hard Drive Bays</b>	(8) 3.5" Hot Swappable Bays (2 used for OS)	(8) 3.5" Hot Swappable Bays (2 used for OS)
<b>Power Supply(s)</b>	(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
<b>Maximum Power Draw</b>	1750W	1750W
<b>Operating Temperature</b>	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
<b>Operating Humidity</b>	5 ~ 90% (non-condensing)	5 ~ 90% (non-condensing)
<b>Dimensions (WxDxH)</b>	17.1" (434mm) x 25.4" (646mm) x 3.4" (86.8mm)	17.1" (434mm) x 25.4" (646mm) x 3.4" (86.8mm)
<b>Max. Weight</b>	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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