

Milestone Appliance for High Performance and Expandability

Benefit from scalable storage performance and video processing with the VSS-MS-82-M appliance. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of Milestone-based applications.

Powered by up to (2) of the latest Intel® Xeon® Scalable processors, and unrivaled expandability, the VSS-MS-82-M Milestone appliances offers high powered computing. (24) DDR4 DIMM slots offer room for growth, while up to (8) hard drive bays offer up to 112TB of raw storage.

System Reliability

Ease of operation is provided with dual Operating System SSDs for accelerated boot and application load times. Remote management, provided by iDRAC, allows for constant system status and critical resource monitoring. RAID 5/6 storage options, in addition to redundant 1100W power supplies, provide system high availability.

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 112TB of Raw Storage
- Intel® Xeon® Silver 4210 Scalable Processors
- Operating System: Windows 10 Pro, Windows Server 2016
- iDRAC features include:
 - Remote Management
 - Disaster Recovery
 - Critical Resource Monitoring



NVME, SATA & SAS



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



Redundant Power



RAID Options: 0, 1, 5, 6, 10



Storage Accelerator Option

FOR MORE INFORMATION

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TECH SUPPORT

support@videoappliances.com

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VSS-MS-82-M

VSS-MS-82x-M

PERFORMANCE		
Bandwidth	Up to 500 Mbps	Up to 1100 Mbps
STORAGE ACCELERATOR FEATURES		
IOPS	135,000	135,000
Capacity	1.6TB	1.6TB
Response Time	30 µs	30 µs
Endurance	8.76 Total Petabytes Written	8.76 Total Petabytes Written
SYSTEM		
Processor(s)	Intel® Xeon® Silver 4210 (10 Cores, 20 Threads, 3.20GHz)	Dual Intel® Xeon® Silver 4210 (10 Cores, 20 Threads, 3.20GHz per processor)
Processor Passmark	Intel® Xeon® Silver 4210: 15,794	Dual Intel® Xeon® Silver 4210: 20,362
Maximum Storage	Up to 112TB	Up to 112TB
Hard Drives Supported	NVMe, SATA & SAS	NVMe, SATA & SAS
Operating System	Windows 10 Pro, Windows Server 2016	Windows 10 Pro, Windows Server 2016
Memory	Standard Configuration: 16GB (2x 8GB) Maximum Configuration: Up to 384GB RDIMM, 768GB LRDIMM (12x DDR4 DIMM Slots)	Standard Configuration: 32GB (4x 8GB) Maximum Configuration: Up to 768GB RDIMM, 1.5TB LRDIMM (24x DDR4 DIMM Slots)
RAID	OS RAID 0, 1; Data RAID 0, 1, 5, 6, 10	OS RAID 0, 1; Data RAID 0, 1, 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	(2) Full-height PCIe x16 slots (In default configuration)	(6) Full-height PCIe x16 slots (In default configuration)
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0	Rear (2) USB 3.0, Front (2) USB 2.0
Video Outputs	(1) VGA	(1) VGA
Remote Management	iDRAC Basic	iDRAC Basic
Manufacturer	Video Storage Solutions	Video Storage Solutions
System Warranty	5-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) M.2 SSD Slots	(8) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots
Power Supply(s)	(2) 1100W (100-240VAC) 80 Plus Platinum	(2) 1100W (100-240VAC) 80 Plus Platinum
Maximum Power Draw	495W	610W
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)	19" (482.6mm) x 29.7" (755mm) x 3.4" (86.8mm)	19" (482.6mm) x 29.7" (755mm) x 3.4" (86.8mm)
Max. Weight	63.05 lbs. (28.6 kg)	63.05 lbs. (28.6 kg)

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