

**2U 12-Bay Rackmount Video Recording Appliance**  
Integrated with Milestone XProtect®

**Milestone Appliance for High Performance and Expandability**

Benefit from scalable storage performance and video processing with the MSHX8R appliance. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of Milestone-based applications.

Powered by the latest Intel® Xeon® Scalable processor, and unrivaled expandability, the MSHX8R Milestone appliances offers high powered computing. (24) DDR4 DIMM slots offer room for growth, while (12) hard drive bays offer up to 192TB 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 (Model shown above with optional LOM SFP+ card)

**KEY FEATURES**

- Up to 192TB of Raw Storage
- Intel® Xeon® Silver 4210R Scalable Processor
- Operating System: Windows 10 IoT
- iDRAC features include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring



NVME & SATA



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



Redundant Power



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

**FOR MORE INFORMATION**

videoappliances.com  
sales@videoappliances.com  
+1.888.305.4993

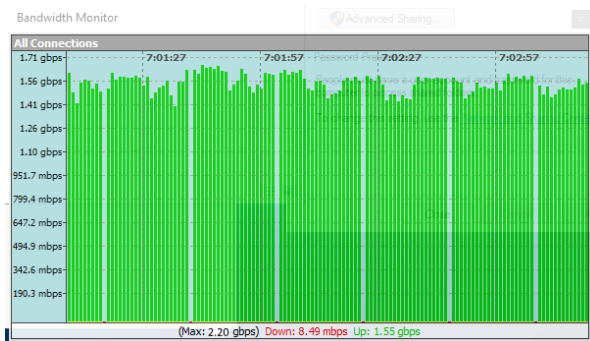
**TECH SUPPORT**

support@videoappliances.com

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SYSTEM	
Processor(s)	Intel® Xeon® Silver 4210R (10 Cores, 20 Threads, 3.20GHz)
Processor Passmark	Intel® Xeon® Silver 4210R: 14,682
Graphics Card	NVIDIA Quadro P620
Maximum Storage	Up to 192TB
Storage Accelerator	Option Available
Hard Drives Supported	NVMe & SATA
Operating System	Windows 10 IoT
Memory	Standard Configuration: 16GB (2x 8GB) Maximum Configuration: Up to 512GB RDIMM, 1TB LRDIMM (16x DDR4 DIMM Slots)
RAID	OS RAID 0, 1; Data RAID 0, 1, 5, 6, 10
RAID Controller	PERC H740P (8GB NV Cache)
Networking	(2) 1GbE RJ45 Ports
Expansion Slots	(0) PCIe slots (In default configuration)
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
Video Outputs	(4) Mini DisplayPort
Remote Management	iDRAC Express
Manufacturer	Video Storage Solutions
System Warranty	3-Year, On-site, Next Business Day, 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
Power Supply(s)	(2) 1100W (100-240VAC) 80 Plus Platinum
Maximum Power Draw	150W
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)

### Benefits of the Storage Accelerator Card



#### Input/Output Operations per Second (IOPS)



**2,400 IOPS**  
(8) 15K Live Video Database SAS Drives



**135,000 IOPS**  
(1) Storage Accelerator

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