

8U-MSS-xT-RAID-HSDS

8U 80 bay Massive Storage Server, RAID, Dual Xeon Processor, Hot Swap, Redundant Power Supply
- 768 to 1280 TB



- **Dual Socket Intel® Xeon® Scalable processors**
- **2 x Boot Drive 1TB M.2 NVMe**
- **32GIG RAM**
- **Storage up to 1280TB**
- **Hot Swap, Redundant Power Supply**
- **Arkiv, STORM, LEGEND, or 3rd party software such as ExacqVision™, Genetec™, Milestone™, Avigilon™, and more**

*Design and specifications are subject to change without notice - Version 2026-01-23

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Camera Settings

Maximum IP Cameras

Data rate dependent; VMS Application dependent

Compatibility

VMS

Arkiv, STORM, LEGEND or 3rd party software such as ExacqVision™, Genetec™, Milestone™, Avigilon™, and more

Integrated Devices

Network Controllers

Dual LAN with Intel® Ethernet i225LM

LAN

3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8 (slot 2 & 3 occupied by controller and JBOD expansion port)

PCI-E Add on Card

Up to 2 NVMe SSDs

Processor

CPU

Intel® Xeon® Silver Processor, 13.75M Cache, 2.20 GHz Dual Socket P (LGA 3647) support 2nd Gen Intel® Xeon® Scalable processors (Cascade Lake/Skylake)

Core

8 Cores 16 Threads

Boot Drive

Up to 4TB 3DS

Maximum Video Storage Rate

1000 to 1200 Mbps (Windows)

System Memory

RAM

32GIG

Memory Type

DDR4-2933MHz

DIMM Sizes

4GB, 8GB, 16GB, 32GB

Memory Voltage

1.1V

Server

Server OS

Windows 11 Professional

Maximum Storage

Up to 1280 TB

Drive Bays

2 hot-swap 2.5" SATA3 (rear)

36x 3.5" hot-swap SAS3/SATA3 including 4 optional NVMe drives

SATA

Intel Q670E controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10

RAID Configuration

Raid 5

DVD / CD-ROM

Optional

Keyboard & Mouse

Included

Input / Output

USB Ports

6 x USB 2.0 & 6 x USB 3.1

Display Outputs

1 VGA port, 1 HDMI port, 1 DP (DisplayPort) port, 1 DVI - D port

SATA

8 SATA3 (6Gbps) port(s)

Cooling System

Heatsink/Fan

7x 8cm high-performance PWM fans

Power Supply

Type

1U 1200W/1000W Titanium Power Supply

Input Voltage

1200W with Input 200 - 240Vac

1000W with Input 100 - 127Vac

1200W with Input 200 - 240Vdc

General

Dimensions

178 mm x 437 mm x 699 mm

Weight

118 lbs

Regulatory

BSMI, CCC, CE/EMC, FCC class A, UL/CB, UL/CUL

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Warranty

3 years

Order information

Part number	Storage
8U-MSS-768T-RAID-HSDS	768 TB
8U-MSS-800T-RAID-HSDS	800 TB
8U-MSS-832T-RAID-HSDS	832 TB
8U-MSS-864T-RAID-HSDS	864 TB
8U-MSS-896T-RAID-HSDS	896 TB
8U-MSS-928T-RAID-HSDS	928 TB
8U-MSS-960T-RAID-HSDS	960 TB
8U-MSS-992T-RAID-HSDS	992 TB
8U-MSS-1024T-RAID-HSDS	1024 TB
8U-MSS-1056T-RAID-HSDS	1056 TB
8U-MSS-1088T-RAID-HSDS	1088 TB
8U-MSS-1120T-RAID-HSDS	1120 TB
8U-MSS-1152T-RAID-HSDS	1152 TB
8U-MSS-1184T-RAID-HSDS	1184 TB
8U-MSS-1216T-RAID-HSDS	1216 TB
8U-MSS-1248T-RAID-HSDS	1248 TB
8U-MSS-1280T-RAID-HSDS	1280 TB

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