

8U-MSS-768T-RAID-HSDS

8U Rackmount IP Server w/RAID

- Dual Socket Intel® Xeon® Scalable processors
- 32GIG RAM
- Up to 4TB 3DS ECC DDR4-2933MHz
- Storage up to 1280TB
- Hot Swap, Redundant PSU - 768000 GB
- Arkiv, STORM, LEGEND, or 3rd party software such as ExacqVision™, Genetec™, Milestone™, Avigilon™, and more



36 Bay | 4U Storage Server

Unlimited Scalability

Can come pre-loaded with Arkiv, STORM video management system (VMS) software, or can run your favorite VMS. Manage individual systems from the same user interface or upgrade to your VMS software to easily manage multiple servers simultaneously.

Enterprise-Class Storage

Up to 1280 TB of storage per server using continuous duty enterprise-class drives.

Enterprise-Class Hardware

Windows Server 2022 is the standard operating systems, with Windows 2024 as an option. Dual redundant power supply and Hot-swappable Enterprise-Class Hard drives are optional.



*Design and specifications are subjects to change without notice.



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Product Specifications

8U Rackmount IP Server w/RAID

Camera Settings

Maximum IP Cameras Data rate dependent; VMS Application dependent

Compatibility

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

Server

Server OS Windows Server 2022 (standard)
Maximum Storage 960 TB
Drive Bays 2 hot-swap 2.5" SATA3 (rear)
36x 3.5" hot-swap SAS3/SATA3 including 4 optional NVMe drives
DVD / CD-ROM Optional
Keyboard & Mouse Included

On-Board 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)
SATA Intel Q670E controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10
Server remote management IPMI 2.0 / KVM over LAN / Media over LAN
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-core / 16-thread
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

3-Year Hardware Warranty, 3-Year Software Subscription Agreement (SSA) 3-year hardware warranty and SSA included.

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Product Specifications

8U Rackmount IP Server w/RAID

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)
Input Voltage	1200W with Input 200 - 240Vac 1000W with Input 100 - 127Vac 1200W with Input 200 - 240Vdc

General

1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm

Heatsink/Fan	Speed Control: 4-pin PWM Rated Voltage: 12.0 VDC Rated Speed: 3,800 RPM
Dimensions	178 mm x 437 mm x 699 mm (H x W x D)
Weight	118 lbs
Regulatory	BSMI CCC CE/EMC FCC class A UL/CB UL/CUL
Optional	Windows Server 2024

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Product Specifications

8U Rackmount IP Server w/RAID

4U JBOD General Info

Dimensions	178 mm x 437 mm x 699 mm (H x W x D)
Weight	95 lbs
Buttons	Power On/Off button System Reset Button Unit Identification (UID) button
LEDs	1 Network Activity LEDs Fan Fail/System Over Heat LED Power Status LED Power Fail LED Unit Identification (UID) LED



44 Bay | 4U Storage Unit

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