4U-MIPS-224T-RAID5-HSDS

4U Rackmount IP Server w/RAID5

- Latest Generation Intel® Core i7 Processor

- Boot Drive 1TB M.2 NVMe

- 1TB NVMe M.2 SSD

- 2 x Memory 8GB DDR-5/4800

- Storage up to 576TB

- Redundant PSU, Hot Swap Drives - 224000 GB (208TB Usable)

- Arkiv, STORM, LEGEND, or 3rd party software such

as ExacqVision™, Genetec™, Milestone™, Avigilon™, and more

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 576 TB of storage per server using continuous duty enterprise-class drives.

Enterprise-Class Hardware
Windows 11 Professional is the standard operating systems, with Windows 2022 or 2024 optional. Dual redundant power supply and Hot-swappable Enterprise-Class Hard drives are optional.

ΛrKIV

Third-Party VMS

*Design and specifications are subjects to change without notice.

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4U-MIPS-224T-RAID5-HSDS

4U Rackmount IP Server w/RAID5

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 11 Pro 64 bit (standard)
Maximum Storage	576 TB
Drive Bays	Optional 2x 2.5" hot-swap drive bay 36x 3.5" hot-swap SAS/SATA drive bay with SES3
DVD / CD-ROM	Optional
Keyboard & Mouse	Included
On-Board Devices	
Network Controllers	Dual LAN with Intel® Ethernet i225LM
LAN	PCIE Network Card (Startech ST1000SPEX2L GbE, TP-Link TG-3468, or equivalent)
SATA	Intel Q670E controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10
PCI-E Add on Card	Up to 2 NVMe SSDs
Processor	
CPU	Latest Generation Intel®Core i7, 30M Cache, up to 5.20 GHz
Core	Up to 24 cores
Solid-state Drive	2 x 1TB NVMe M.2 SSD
*Maximum Video Storage Rate	1000 to 1200 Mbps (Windows)
System Memory	
RAM	2 x 8GB Memory DDR-5/4800 (or faster)
Memory Type	4400/4000/3600 MT/s
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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4U Rackmount IP Server w/RAID5

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 2022/2024 32-bit or 64-bit

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

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