

2U-IPS-DS-xT

2U Rackmount IP Server with Redundant Power Supply

- 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 128TB
- Arkiv, STORM, LEGEND, or 3rd party software such as ExacqVision™, Genetec™, Milestone™, Avigilon™, and more



Unlimited Scalability

Can come pre-loaded with Arkiv, STORM, LEGEND 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 128 TB of storage per server using continuous duty enterprise-class drives. RAID5 and RAID6 are optional.

Enterprise-Class Hardware

Windows 11 Professional is the standard operating systems. Dual redundant power supply and Hot-swappable Enterprise-Class Hard drives are included.



*Design and specifications are subjects to change without notice.



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Product Specifications

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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 128 TB

Drive Bays 2x 3.5" fixed drive bay
8x 3.5" hot-swap SAS/SATA drive bay

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 600 to 800 Mbps (Windows)

System Memory

RAM 2 x Memory 8GB 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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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	600W with Input 100 - 240Vac

General

1U 600W platinum efficiency multiple output power supply w/PMBus

Heatsink/Fan	Speed Control: 4-pin PWM Rated Voltage: 12.0 VDC Rated Speed: 5,000 RPM
Dimensions	89 mm x 437 mm x 647 mm (H x W x D)
Weight	52 lbs
Regulatory	BSMI CCC CE/EMC FCC class B TUV/CB UL/CUL
Optional	Windows Server 2022/2024 32-bit or 64-bit

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