



Rack NVR | SR3E-XL | NVR-R-2 (420TB-500TB)

Model	Total Storage	Usable Storage	RAM	Processor	Power Supply
NVR-R-2-420TB-V8	420TB (21 x 20TB)	380TB	64GB	Dual	Dual
NVR-R-2-500TB-V8	500TB (25 x 20TB)	460TB	64GB	Dual	Dual

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.
- Performance for multi-monitor use depends on camera codec, resolution, FPS and network.
- Special order items should allow 14+ business days for delivery.

Preloaded Network Video Recorder – Rack Server

- VI Software Installed
- VI Server Activation Included
- Includes Ongoing Updates for the Video Insight Edition Installed
- Fully Configured and Tested
- “Plug & Play” NVR is Ready for Out-Of-The-Box Deployment
- Recommended Use Case | 300-600Mbps Recording Rate Performance | 1Gbs Network
- Recommended Use Case | 600-1100Mbps Recording Rate Performance | 10Gbs Network
- 5-Year Next Business Day On-site Service (After Remote Diagnosis by i-PRO Support Team)

Server Specifications

Processor

2 x Xeon Silver 12-Core / 24-Thread

Memory

64GB

I/O Slots

Up to 8 x Gen3 Slots

Optical Drive

No

RAID Controller

H755

iDRAC

iDRAC9 Enterprise

Embedded NIC

2 x 1GB BASE-T & 2 x 10GB SFP+

Power Supply

2 x 1400W Power Supply Hot-Swap

Security

On-board Encryption | TPM | 2.0

Operating System

Windows Server 2025 Standard

Accessories

Keyboard and Mouse

Graphics Card

Intel Onboard Graphics

Video Output

VGA

Weight

103 lbs

Dimensions

2U Rack Mount:
(H)3.41", (W)18.98", (D)34.36"
(Dimensions Do Not Account for Bezel)

HDD Bays

Up to 28 x 3.5" SAS Enterprise Drives (Storage RAID 6)
OS on 2 x M.2 High Speed SSD Drives (RAID 1)

Warranty

5-Year Next Business Day On-site Service (After Remote Diagnosis by i-PRO Support Team)

Monitor

Not Included

Rails

Rails Included | 4 Post

- Rear drives: If unit supported, are special order and will require extra configuration time.
- Server warranty will not cover issues resulting from third-party parts.
- Hardware meets NDAA standards.

