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VDG NVH-2524XR

The NVH-2524XR is a reliable server with high storage capacity, that offers a perfect solution for your video storage in high-security environments.

Description

The NVH-2500 series are powerful, customizable, stackable and rack-mounted VDG servers. It combines top quality components and a user-friendly configuration to deliver high-power output and reliability. It's casing and components are engineered to ensure an optimized airflow (even when stacked) for higher efficiency, which results in lower energy consumption. Its redundant power supply ensures a continuous operation at all times.

Built as stand-alone servers, the NVH-2500 series' front-mounted hard-drives are configured for hot-swapping, as are the cooling fans, to ensure 24/7 operation. This means that they are easy to service and can reduce running costs.

The reliability is ensured through a standard RAID 5 configuration and redundancy, but can be configured up to RAID 6 if necessary. Optionally, a hot-standby hard-drive can be configured to ensure maximum reliability and reduce service needs. The NVH-2524XR contains 24 slots for hard-disk storage.

Features

- 4U Rack-mountable Server Chassis
- 1x 24-Port 12G Mini-SAS HD Expander Backplane
- 24x 3.5" HDD Bays suitable for hotswapping
- Standard configured with RAID 5 (RAID 6 configuration on request)
- 875W Reduntant Power Supply
- Front access info tag for easy server management
- Slide rail included

Optional expansions:

- NVH-GBLAN for 1 extra Ethernet connection port

Specs

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System

Operating system	Microsoft Windows 10 Pro 64-bit
Hard disk	Solid-state Drive SATA 3 64 GB (included)
Hard disk configuration	Up to 24 drives (optional Raid 5 or Raid 6)
Recording Storage Capacity	Up to 192TB (184TB effective after Raid 5)
Processor	Intel Xeon Processor E3-1230v5 (8M Cache, 3.40 GHz)
Memory	8 GB Dual Channel DDR4 ECC RAM (2x 4 GB)
Network Interface	Dual Gigabit Ethernet RJ-45 (10/100/1000 MB/s)
Video output	VGA

Mechanical

Form Factor	19-inch rackmount
Dimensions (DxWxH)	698mm x 432mm x 176mm (27.5" x 17" x 6.9")

Electrical

Power Input	100-240VAC,50/60Hz,10-8A
Power Supply	875W Redundant

Enviromental

Operating Temperature	5° C - 40° C (41°F - 104°F)
Storage Temperature	-40° C - 65° C (-40°F - 149°F)

Supplied Accessories

USB Compact Keyboard
USB Optical Mouse
Euro 230V Power Cord 1.5 meter
Slide rail

Ordering Info

NVH-2524XR	Video hardware 19", Xeon, SSD, 24-port HS RAID card, RPSU

VDG Video server storage

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NVH-84PTB	Basic+ video server storage 4TB (incl. assembly and config)
NVH-86PTB	Basic+ video server storage 6TB (incl. assembly and config)
NVH-92TB	Pro video server storage 8TB (incl. assembly and config)
NVH-94TB	Pro video server storage 8TB (incl. assembly and config)
NVH-96TB	Pro video server storage 8TB (incl. assembly and config)
NVH-98TB	Pro video server storage 8TB (incl. assembly and config)

VDG Video server add-ons

NVH-GBLAN	Extra 100/1000Mbps LAN interface
NVH-IO	6x I/O contacts, Ethernet interface

Specs

VDG Video server add-ons	
NVH-IO-18	18 I/O contact (12-ch DI, 6-ch DO), Ethernet interface

Specs