NVH–1504XR

Video server 19", 4U, 5 bay HS, Xeon, SSD, RAID, RPSU

DESCRIPTION

The NVH–1504XR is a powerful, 4U, rack–mounted VDG Sense server. The hard– and software of the NVH–1504XR is selected for a standalone VDG Sense Server. The hardware consist only of top-quality components from third party manufacturers as Asus, Western Digital and Intel.

FEATURES

4U Compact Server Chassis

Standalone server

5x 3.5" hot swappableHDD bays

Standard RAID 5configuration

OS RAID 1 configuration (optional)

Supports PS/2 single and1+1 redundant PSU (optional)

Dual Ethernet (1gb/s) ports

Front-side USB ports for easy access (2x USB 2.0)

Slide rail included

The 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 1 configuration for OS redundancy, and RAID 5 configuration for data redundancy, but can be configured otherwise if necessary. Redundant power supply included.

Optional expansions:

- VDG Video server storage
- NVH-GBLAN for 1 extra Ethernet connection port
- Ethernet server adapter fiber

System (Rev 11-2025)

Operating system	Windows 11 IoT Enterprise LTSC 2024
Hard disk OS	NVMe 1Tb SSD PCIe Gen 4.0 x4, NVMe 2.0
Raid configuration	Standard Raid 5 configuration (RAID config options : 0, 1, 5, 6, 10 and hot-spare)
Processor	Intel Xeon E2436 processor (6C/12T)
Chipset	Intel C266 Chipset
Memory	16GB memory DDR5 5600MT/s
Network Interface	2 x 1 GbE LAN + 1 x Mgmt LAN
	On-Board ASMB11-iKVM for KVM-over-IP
TPM	TPM 2.0
Management	Remote management module included
RAID controller	12Gb/s SAS and SATA RAID controller
Video output	VGA (HDMI output not supported)
Drive bay	5 x 3.5" Hot swap

Mechanical

Form Factor	4U 19-inch Rack Mount
Dimensions (DxWxH)	562 mm x 430 mm x 176 mm (22.1 x 16.9 x 6.9)

Electrical

Power Input	100-240VAC,50/60Hz 5A
Power Supply	650W Single (standard)
	500W Redundant power supply (upgrade)
Power Consumption	250W

Environmental

Operating Temperature	5° C - 40° C (41°F - 104°F)
Storage Temperature	-40° C - 65° C (-40°F - 149°F)
NVH-1504XR	Video server 19", 4U, 4 bay HS, i7, SSD, RAID
Supplied Accessories	USB Compact Keyboard
	USB Optical Mouse
	Power Cord 1.5 meter
	Slide rail

VDG Server accessories

NVH-QUAD	Quad mini displayport/DVI-D output
NVH-GBLAN	Extra 100/1000Mbps LAN interface
NVH-I350F2	Ethernet server adapter fiber
NVH-RPSU-500W	Redundant PSU for NVH-1504IR (to replace standard NVH-1504IR PSU)

Basic video server storage

Basic video server storage	NVH-81TB	NVH-82TB	NVH-83TB	NVH-84TB	NVH-86TB	NVH-88TB	NVH-810TB
(incl. assembly and config)	1TB	2TB	3TB	4TB	6TB	8TB	10TB

Pro video server storage

Pro video server storage	NVH-92TB	NVH-94TB	NVH-96TB	NVH-98TB

Specs

Pro video server storage					
(incl. assembly and config)	2TB	4TB	6TB	8TB	
	NVH-910TB	**NVH-912TB**	**NVH-914TB**	**NVH-916TB**	**NVH-918TB**
	10TB	12TB	14TB	16TB	18TB

RELATED

Intel NVH-GBLAN
A PCI Express Ethernet adapter perfect for expanding your Ethernet port(s).

Toshiba NVH Pro Server Storage
Professional server storage for the most demanding storage environments.