

# NVH-1004XR

Video server 19", 1U, 4 bay HS, Xeon, SSD, RAID (rev112025)

## DESCRIPTION

The NVH-1004 series is a powerful, customizable, stackable and rack-mounted VDG Sense server. The compact size makes it perfect to integrate in any server environment. 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.

## FEATURES

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1U Compact Server Chassis

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4x 3.5" hot swappableHDD bays

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Standard RAID 5configuration

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Dual Intel I210AT Gigabit Ethernet

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Powered by the Intel Xeon E platform

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Slide rail included

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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 5 configuration and redundancy, but can be configured otherwise if necessary.

The hard- and software of the NVH-1004 series is specifically selected for the most reliable and efficient VDG Sense setup. The hardware consist only of top-quality components from third party manufacturers.

**Optional expansions:**

- VDG Video server storage

<b>System (Rev 11-2025)</b>	
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
Drive bay	4 x 3.5" Hot swap

<b>Mechanical</b>	
Form Factor	1U 19-inch rackmount
Dimensions (DxWxH)	550 x 438.5 x 43.2 (mm)

<b>Electrical</b>	
Power Input	100-240VAC,50/60Hz 5A
Power Supply	400W Single
Power Consumption	200W

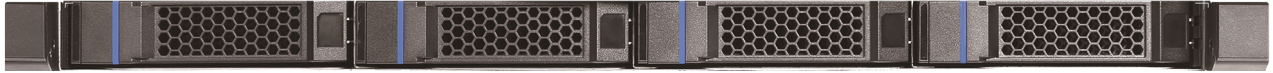
<b>Environmental</b>	
Operating Temperature	10°C to 50°C (50°F to 122°F)
Non-operating (Storage) Temperature	-40°C to 70°C (-40°F to 158°F)
Non-operating (Storage) Relative Humidity	20% to 90% (non-condensing)

<b>Ordering Info</b>	
NVH-1004X	Video server 19", 1U, 4 bay HS, Xeon, SSD
Supplied Accessories	USB Compact Keyboard USB Optical Mouse Power Cord 1.5 meter Slide rail

#### **VDG Server accessories**

<b>Pro video server storage</b>	<b>NVH-92TB</b>	<b>NVH-94TB</b>	<b>NVH-96TB</b>	<b>NVH-98TB</b>
(incl. assembly and config)	2TB	4TB	6TB	8TB
	<b>NVH-910TB</b>	<b>NVH-912TB</b>	<b>NVH-914TB</b>	<b>NVH-916TB</b>
	10TB	12TB	14TB	16TB
			<b>NVH-918TB</b>	
			18TB	





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A PCI Express Ethernet adapter perfect for expanding your Ethernet port(s).

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### **Toshiba NVH Pro Server Storage**

Professional server storage for the most demanding storage environments.

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### **TKH Security NVH-RAID1-OS**

Disk mirroring of the Operating system of a NVH-\*\*\*\*X or NVH-\*\*\*\*XR server

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