NVH-1004XRR

Video server 19", 1U, 4 bay HS, Xeon, SSD, RAID, RPSU

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

- 1U Compact Server Chassis
- 4x 3.5" hot swappableHDD bays
- Standard RAID 5configuration
- Dual Intel I210AT Gigabit Ethernet with teaming support
- Powered by the Intel Xeon E platform
- 350W RPSU
- Slide rail with Slide-lock



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

System (Rev 06-2026)	
Operating system	Windows 11 IoT Enterprise LTSC 2024
Hard disk OS	NVMe 1Tb SSD
Processor	Intel Xeon E processor
Chipset	Intel C266 Chipset
Memory	16GB memory DDR5
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
Raid configuration	Standard Raid 5 configuration (RAID config options : 0, 1, 5, 6, 10 and hot-spare)
Video output	VGA
Drive bay	4 x 3.5" Hot swap

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

Electrical	
Power Input	100-240VAC,50/60Hz 5A
Power Supply	350W RPSU
Power Consumption	200W

Environmental	
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)

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

VDG Server accessories

Pro video server storage	NVH-92TB	NVH-94TB	NVH-96TB	NVH-98TB
(incl. assembly and config)	2TB	4TB	6TB	8TB

	NVH-910TB	NVH-912TB	NVH-914TB	NVH-916TB	NVH-918TB
	10TB	12TB	14TB	16TB	18TB





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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.



Asus NVH-RMMv2
Remote management module for NVH-****X and NVH-****XR servers



TKH Security NVH-RAID1-OS
Disk mirroring of the Operating system of a NVH-****X or NVH-****XR server