TKH GROUP | **TKH SECURITY**

NVH-2612XR

Video server 19", 2U, 12 bay HS, Xeon, SSD, RAID, RPSU

DESCRIPTION

The NVH-2612XR is a powerful, customizable, stackable and rack-mounted TKH server. It combines top quality components and a user-friendly configuration to deliver high-power output and reliability. Its casing and components are engineered to ensure an optimized airflow (even when stacked) for higher efficiency, which results in lower energy consumption. Its redundant hot-plug power supply ensures a continuous operation at all times.

FEATURES

2U High Thermal Performance Server Chassis

12x 3.5" hot swappableHDD bays

Standard RAID 5configuration

800W Reduntant Hot-plug Power Supply

Dual Intel I210AT Gigabit Ethernet with teaming support

Powered by the Intel Xeon E platform

Front access info tag for easy server management

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

The hard- and software of the NVH-2612XR 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

Operating system	Windows 11 IoT Enterprise LTSC 2024
Hard disk OS	NVMe 512GB SSD (included)
Raid configuration	Standard Raid 5 configuration (RAID config options : 0, 1, 5, 6, 10, 50, 60 and hot-spare)
Processor	Intel Xeon E2300 processor
Chipset	Intel C256 Chipset
Memory	16GB memory DDR4
Network Interface	2 x 1GbE LAN + 1 x Mgmt LAN
	LAN controller supports 100Base-T, 1000Base-T
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	12 x 3.5" Hot swap
Cooling Fans	3 x 80 mm, Hot swap

Mechanical

Form Factor	2U 19-inch Rack Mount
Dimensions (DxWxH)	658.6 x 438.0 x 87.0 (mm) (25.93" x 17.24" x 3.43")

Electrical

Power Input	100-240VAC,50/60Hz 5A
Power Supply	800W Redundant Hot-plug

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-2612XR	Video server 19", 2U, 12 bay HS, Xeon, SSD, RAID, RPSU
Supplied Accessories	USB Compact Keyboard
	USB Optical Mouse
	Power Cord 1.5 meter
	Slide rail

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
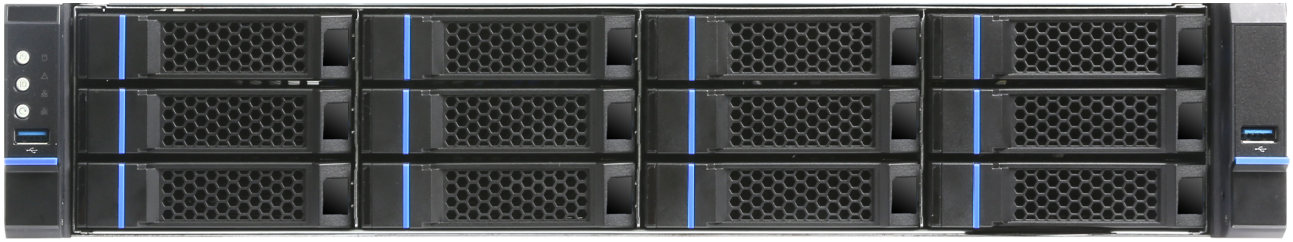
RELATED

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.

TKH Security Encrypted Server Storage
Encypted Pro server storage for the most demanding storage environments.

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