

(EOL) NVH-2648XR

Video server 19", 4U, 48 bay HS, Xeon, SSD, RAID, RPSU

DESCRIPTION

This Product is EOL

The NVH-2648XR is a powerful, customizable, stackable and rack-mountable VDG server. 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 hot-plug power supply ensures a continuous operation at all times.

FEATURES

Rack-mountable Server Chassis

48x 3.5" hot swappableHDD bays

Standard RAID 5configuration

1100W Reduntant Hot-plug Power Supply

1x 48-Port 12G Mini-SAS Expander Backplane

Dual Intel I210AT Gigabit Ethernet with teaming support

Slide rail included



Built as a stand-alone server, the NVH-2648XR's top-loaded 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. Optionally, a hot-standby hard-drive can be configured to ensure maximum reliability and reduce service needs. The NVH-2648XR contains 48 slots for hard-disk storage.

Optional expansions:

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

System	
Operating system	Microsoft Windows 11 Pro 64-bit
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	48 x 3.5" Hot swap

Mechanical	
Form Factor	19-inch Rack Mount
Dimensions (DxWxH)	818mm x 447mm x 176mm (32.2" x 17.6" x 6.92")

Electrical	
Power Input	100-240VAC,50/60Hz,7A
Power Supply	1100W Redundant Hot-plug

Environmental	
Operating Temperature	5° C / 40° C (41°F / 104°F)
Non Operating Storage Temperature	-40° / C 70° C (-104°F / 158°F)

Ordering Info	
NVH-2648XR	Video server 19", 4U, 48 bay HS, Xeon, SSD, RAID, RPSU
Supplied Accessories	USB Compact Keyboard
	USB Optical Mouse
	Power Cord 1.5 meter
	Slide rail

VDG Server accessories	
NVH-GBLAN	Extra 100/1000Mbps LAN interface
NVH-FIBER	Ethernet server adapter fiber

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

Specs



	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

Encrypted Pro server storage for the most demanding storage environments.