

NVH-2648XR

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

DESCRIPTION

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 128GB SSD (included)
Raid configuration	Standard Raid 5 configuration (RAID config options : 0, 1, 5, 6, 10 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
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Specs



10TB	12TB	14TB	16TB	18TB
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TOP LOADING HDD



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