NVH-1504IR

Video server 19", 4U, 4 bay HS, Intel Core Desktop Processor, SSD, RAID

DESCRIPTION

The NVH-1504IR is a powerful, 4U, rack-mounted VDG Sense server. The hard- and software of the NVH-1504IR is selected for a standalone VDG Sense Server with viewer possiblities. The hardware consist only of top-quality components from third party manufacturers as Asus, Western Digital and Intel.

FEATURES

- 4U Compact Server Chassis
- Standalone server andviewer possiblities
- 5x 3.5" hot swappableHDD bays
- Standard RAID 5configuration
- Supports PS/2 single and1+1 redundant PSU
- Front-side USB ports for easy access (2x USB 2.0)
- 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.. Moreover, the NVH-1504IR offers redundancy possibilities if required.

Optional expansions:

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

System (rev 06-2026)	
Operating system	Windows 11 IoT Enterprise LTSC 2024
Hard disk OS	NVMe 1Tb SSD
Processor	Intel Core i5 processor
Chipset	Intel B760 Chipset
Memory	16GB DDR5
Network Interface	1 x Realtek 2.5Gb Ethernet
Video output	1x DisplayPort / 2x HDMI
Special Features	TPM IC onboard
USB	2 x USB 3.2 Gen 2 ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A)
Drive bay	5 x 3.5" Hot swap
Raid configuration	Standard Raid 5 configuration (RAID config options : 0, 1, 5, 6, 10 and hot-spare)

Mechanical	
Form Factor	4U 19-inch Rack Mount
Dimensions (DxWxH)	562 mm x 430 mm x 176 mm (22.1 x 16.9 x 6.9)

Electrical	
Power Input	100-240VAC,50/60Hz 5A
Power Supply	650W Single (standard)
	500W Redundant power supply (upgrade)
Power Consumption	250W

Environmental	
Operating Temperature	5° C - 40° C (41°F - 104°F)
Storage Temperature	-40° C - 65° C (-40°F - 149°F)
NVH-1504IR	Video server 19", 4U, 5 bay HS, SSD, RAID
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-RPSU-500W	Redundant PSU for NVH-1504IR (to replace standard NVH-1504IR PSU)

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
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