

NVH-1504XR.C

Video server 19", 4U, 5 bay HS, Xeon, SSD, RAID

DESCRIPTION

The NVH-1504XR.C series is a powerful, stackable and rack-mounted VDG Sense server build for the ObjectC algorithm. It combines top quality components and a user-friendly configuration deliver high-power output and reliability. It's casing and components are engineered to ensure an optimized airflow (even when stacked) for higher efficiency.

FEATURES

4U Compact Server Chassis

Specially built for object classification

5x 3.5" hot swappableHDD bays

Standard RAID 5configuration

Supports PS/2 single and1+1
redundant PSU

Dual Ethernet (1gb/s) ports

Front-side USB ports for easy access
(2x USB 2.0)

Slide rail included

Powerful NVIDIA video card for
classification



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..

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 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	5 x 3.5" Hot-swap

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	Idle : 80 100 Watt
	Max Power : 250 Watt (Tested with 32 to 64 channels of objectC)

Ordering Info	
Description	NVH-1504XRC - Crowd Manag. server 19", 4U, 4 bay HS, Xeon, SSD, RAID, RTX

Environmental	
Operating Temperature	5° C - 40° C (41°F - 104°F)
Storage Temperature	-40° C - 65° C (-40°F - 149°F)
Supplied Accessories	USB Compact Keyboard
	USB Optical Mouse
	Power Cord 1.5 meter
	Slide rail

Basic video server storage	NVH-81TB	NVH-82TB	NVH-83TB	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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