

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 (Rev 11-2025) | |
|-----------------------------|--|
| Operating system | Windows 11 IoT Enterprise LTSC 2024 |
| Hard disk OS | NVMe 1Tb SSD PCIe Gen 4.0 x4, NVMe 2.0 |
| Raid configuration | Standard Raid 5 configuration (RAID config options : 0, 1, 5, 6, 10 and hot-spare) |
| Processor | Intel Xeon E2436 processor (6C/12T) |
| Chipset | Intel C266 Chipset |
| Memory | 16GB memory DDR5 5600MT/s |
| Network Interface | 2 x 1 GbE LAN + 1 x Mgmt LAN |
| | On-Board ASMB11-iKVM for KVM-over-IP |
| 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 |
|------------------|------------------|------------------|------------------|------------------|

Specs



| | | | | |
|------|------|------|------|------|
| 10TB | 12TB | 14TB | 16TB | 18TB |
|------|------|------|------|------|







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