INDUSTRIAL HATTELAND ®

HT R2-1003

NETWORK VIDEO RECORDER



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NETWORK VIDEO RECORDER

The HT R2 NVR series is optimized for security applications and built with industry-class components for safe operation for a long time in demanding environments. The series is very well suited for applications where a 2U 19” rack format is suitable. The HT RACK NVR series has a variety of processor, hard disk and memory options.

KEY FEATURES

- Powerful surveillance storage server in 2U 19” rack format
- Built with industry-class components
- Windows 11 IoT Enterprise operating system including TPM 2.0 functionality. (Windows Server optional)
- Intel Xeon E-2436 processor
- Up to 192GB of memory capacity (with ECC)
- System M.2 SSD with RAID 0/1/5 support
- Up to 192TB (8x 24TB) of storage capacity (optional version with twelve 3.5” drive bays)
- Motherboard based RAID 0/1/5/10 (optional with separate RAID card)
- Built in VGA/HDMI/DP/DVI-D (optional with separate graphic card)
- Dual LAN and dedicated LAN port for IPMI functionality
- Pluggable 600W power supply (optional 800W redundant version)
- Optional dedicated RAID-card
- Optional graphics card
- Optional network cards for additional LAN

- Milestone validated version also available

HT article nr#	Model	Description
139268	HT R2-1003	Xeon E-2436, 32GB, M.2 256GB, 0TB (storage), no OS
139051	HT R2-1003	Xeon E-2436, 32GB, dual 256GB SSD in RAID 1, 0TB (storage), no OS

* Windows 11 and Windows Sever not included

PROCESSOR	Intel Xeon E-2436 2,9 to 5.0GHz, 6 core / 12 threads
MEMORY	32GB DDR5 4800Mhz (depending on model) Possible to upgrade up to 192GB (option)
OPERATING SYSTEM	Recommended: Windows 11 IoT Enterprise LTSC or Windows Server (Windows 10 and Linux on request)
SSD for OS	256GB M.2 NVMe PCIe x4 (optional dual SSD for RAID 0/1)
STORAGE HDD	Eight 3,5” drive bays for storage HDD (twelve drive bays on request) Built in on board support for RAID 0/1/5/10 functionality
STORAGE OPTIONS	Optional sizes available: 4TB, 6TB, 8TB, 10TB, 12TB, 16TB, 20TB, 24TB (Storage hard disks ordered separately. We use Western Digital Purple SATA 3,5” for 24/7 surveillance applications)
RAID card (OPTIONAL)	RAID 0/1/5/6/10/50/60, dedicated RAID-card recommended for best performance in advanced configurations
NETWORK	4x GbE and 1x GbE dedicated for IPMI
I/O CONNECTIONS	2x USB3.2, 2x USB2.0, 1x COM, 1x VGA
FORMAT	2U rack (19 inch wide, 89mm high, 647mm deep)
POWER	100-240V AC, 600W 100-240V AC, redundant 800W (optional model)
ACCESSORIES INCLUDED	Mouse, Keyboard, power cable
GRAPHIC CARD (OPTIONAL)	Nvidia T400 4GB, 3x mini-DP Nvidia A400 4GB, 4x mini-DP Nvidia T1000 8GB, 4x mini-DP Nvidia A1000 8GB, 4x mini-DP

