

LENSEC WX7 Network Video Appliance

Product Datasheet



Introduction

LENSEC WX7 is an affordable Single socket 1U rack appliance designed for small-medium deployments running the video analytic engine on top of Microsoft Windows® 10.

This video analytics optimized server powered by NVIDIA offers hardware accelerated video processing for up to 35 channels for License Plates recognition purposes. License Plates recognition licenses are obtained separately.

LENSEC WX7 comes pre-downloaded and enhanced with Perspective VMS®, which eliminate deployment cost and enable instant use of appliance.

Cost-Effective, Designed for Video Analytics

LENSEC WX7 delivers a perfect balance between affordable budget and high performance. Ideal for small to Small-Medium deployments.

Supplied with dual power supply, LENSEC WX7 provides dual SSD drive configured with RAID 1 for OS and analytic engines and dual RAM.

Perspective VMS Integration

LENSEC WX7 performs the PVMS analytic functions and easily exchange the analytics data with the PVMS appliances with fast and reliable connectivity.

High Performance

LENSEC WX7 accelerates your network surveillance infrastructure analysis response with improved performance by using 8 cores, 3.6Ghz clock speed CPU from Intel i-Series processors.

Key Features

- Windows® 10 Pro
- Intel® i-Series
- Up to 35 LPR
- Redundant Power
- iDRAC Express
- 5 Year, Next-Business Day Warranty

LENSEC WX7 NVA Technical Specifications

General information

Operating System

Microsoft Windows® 10 Pro

Processor

Intel® Core™ i7-9700k 3.6GHz, 8C/8T

Memory

16 GB (2 x 8 GB)

Power Supplies

Dual Hot Plug 550W Power Supply

Networking

1 x 10 GbE port
1 x 1 GbE port

Performance

Validated up to 35 LPR channels*

Remote Users

No license limitation

VMS Edition Support

PVMS Professional, Enterprise

Operation Mode

General video analytics; License Plate Recognition (LPR)

Support and Warranty

5-Year Next-Business Day, Customer self-repair for HDD & GPU

Storage

VMS/OS Disk

2 x 256 GB M.2 SSD, Raid 1

Storage Bays

Up to 2 x 3.5" hot-plug

Storage Capacity

Up to 32 TB

RAID Controller

0, 1

Mechanical

Form Factor

1U

Dimensions Form Factor

19" (482.6mm) x 23.19" (589.1mm) x 1.68" (42.8mm)

Temperature Storage

(Min) 50°F - (Max) 95°F [(Min) 10°C - (Max) 35°C]

Humidity Storage

10 ~ 85% (non-condensing)

Maximum Weight

8.74 kg (19.27 lbs)

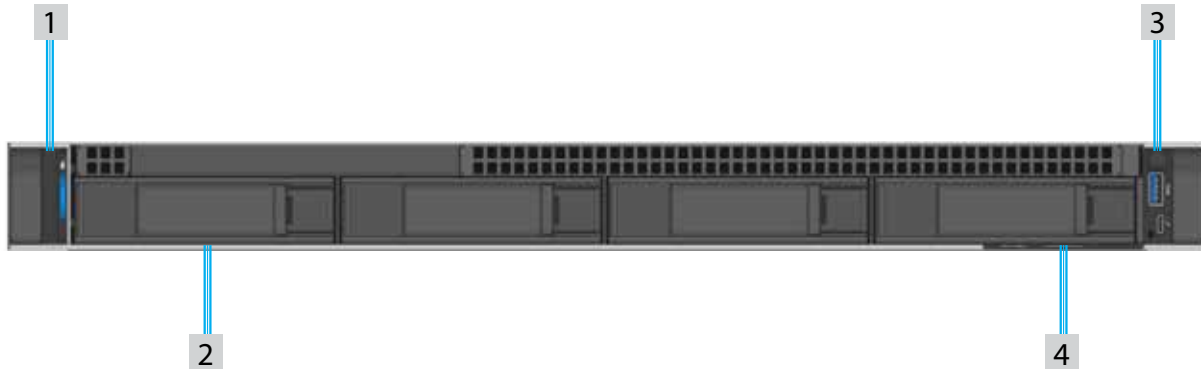
GPU Configuration

Models	Bays	GPU Model
WX 7-4TB-2	4 TB (2 TB * 2) SATA	N/A
WX 7-4TB-2-T1	4 TB (2 TB * 2) SATA	NVIDIA® T1000
WX 7-4TB-2-R4	4 TB (2 TB * 2) SATA	NVIDIA® Quadro RTX4000

*Up to 35 Parking LPR Channels with 1920x1080, 10FPS & 3 Mbps

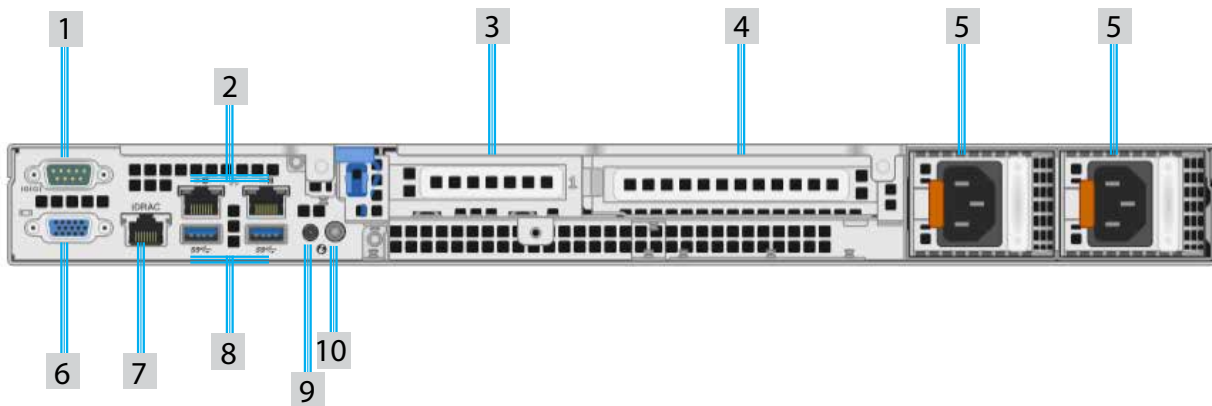
LENSEC WX7 NVA Chassis Views

Front View (without bezel)



- | | |
|-----------------------|------------------------|
| 1. Left Control Panel | 3. Right Control Panel |
| 2. Drive slot | 4. Information tag |

Rear View



- | | | |
|---|--------------------------------|---------------------------------------|
| 1. Serial port | 5. Dual Power Supply unit | 9. System status indicator cable port |
| 2. Gigabit Ethernet ports | 6. VGA port | 10. System identification button |
| 3. Half-height PCIe expansion card slot | 7. Out of Band management port | |
| 4. Full-height PCIe expansion card slot | 8. USB 3.0 ports (2) | |

For more information regarding joint purchasing contracts or buying through schedules, please contact our LENSEC sales team sales@lensec.com

Note: Hardware specifications are subject to change. Units provided will be equivalent to what is shown in this document.