

LENSEC LX112 Network Video Appliance

Product Datasheet



Introduction

LENSEC LX112 is an affordable single socket 1U rack appliance designed for small deployments running on top of Microsoft Windows Server.

This surveillance-optimized server support up to 32 cameras streaming and recording at high resolution. Cameras and security systems licenses are obtained separately.

LENSEC LX112 comes pre-downloaded and enhanced with Perspective VMS®, which eliminate deployment cost and enable instant-use of appliance.

Cost-Effective & High Availability Solution

LENSEC LX112 delivers a perfect balance between low budget, storage scalability and performance. This series is the ideal appliance as central management server, remote site NVR and standalone deployments.

LENSEC LX112 offers up to 2 x 3.5" hot plug hard drives with a total storage capacity of 32 TB. Windows operating system, VMS system and video data are protected from loss with RAID options to ensure critical functions high availability.

High Performance

LENSEC LX112 accelerates your network surveillance infrastructure response with improved performance by using Intel i-series processors.

OS/VMS loaded on M.2 SSD sticks for faster booting and higher applications response time. It handles well the system management role with high response to users' requests and third-party security integration services.

Key Features

- Windows Server® 2019
- Intel® i-Series
- Up to 120 Mbps throughput
- Up to 32 TB SATA drives
- Redundant Power
- RAID Options: 0, 1
- iDRAC Express
- 5 Year, Next-Business Day Warranty

LENSEC LX112 NVA Technical Specifications

General information

Operating System

Microsoft Windows Server® 2019

Processor

Intel® Core™ i5-9500 3.0GHz, 6C/6T

Memory

16 GB (2 x 8 GB)

Power Supplies

Dual Hot Plug 550W Power Supply

Networking

1 x 1 Gbps
1 x 10 Gbps

GPU (Optional)

NVIDIA®T400, NVIDIA®T1000, NVIDIA® RTX™A2000,
NVIDIA® Quadro RTX™4000

Performance

Validated 32 cameras*

Remote Users

No license limitation

VMS Edition Support

PVMS Express, Standard, Professional, Enterprise

Operation Mode

Standalone/Centralized/Distributed

Support and Warranty

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

Storage

VMS/OS Disk

1 x 256 GB M.2 SSD

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 ~ 90% (non-condensing)

Maximum Weight

8.74 kg (19.27 lbs)

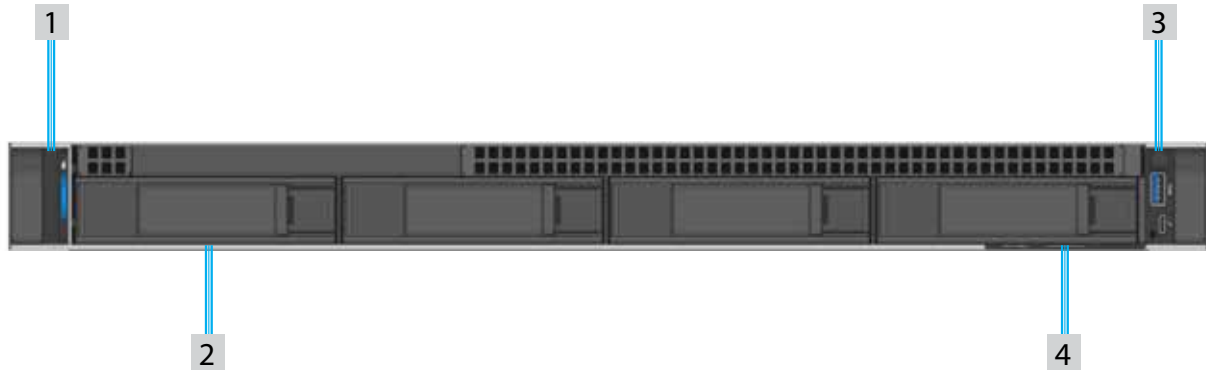
Storage Configuration

Models	Bays	Max. Storage Capacity
LX112-32TB	2 x 3.5" hot-plug SATA	32 TB

*Up to 32 Cameras with 1920x1080, 25FPS & 3 Mbps

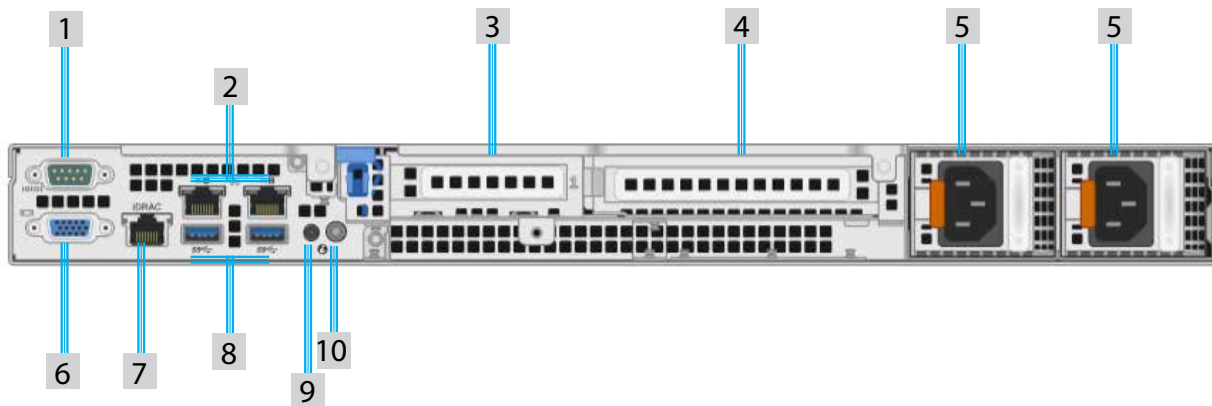
LENSEC LX112 NVA Chassis Views

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.