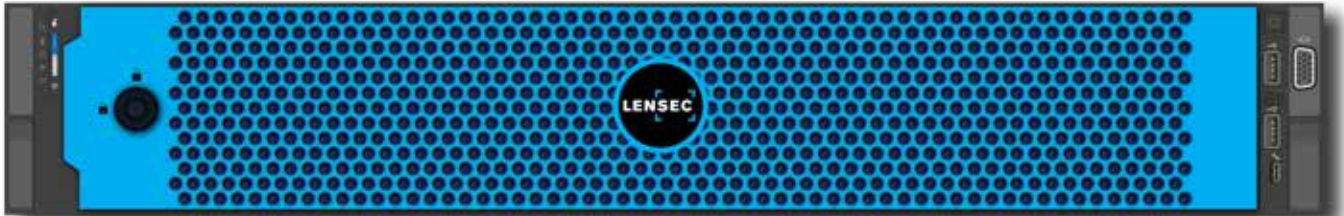# LENSEC LX266 Network Video Appliance
Product Datasheet

Introduction

LENSEC LX266 is an affordable single socket 2U rack appliance designed for enterprise deployments running on top of Microsoft Windows Server.

This surveillance-optimized server support up to 225 cameras streaming and recording at high resolution. Cameras and security systems licenses are obtained separately.

LENSEC LX266 comes pre-downloaded and enhanced with Perspective VMS®, which eliminate deployment cost and enable instant-use of appliance.

Designed for Large Environment

LENSEC LX266 fulfill the need for managing a higher number of cameras with high storage capability and high performance into a single appliance.

LENSEC LX266 is the ideal appliance as central management server, remote site NVR and standalone deployments.

LENSEC LX266 offers up to 18 x 3.5" hot plug hard drives with a total storage capacity of 288 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 LX266 accelerates your network surveillance infrastructure response with improved performance by using Intel Xeon Silver series processors.

OS/VMS loaded on (2) 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, third-party security integration services and high video recording rates.

Key Features

- Windows Server® 2019

- Intel® Xeon® Silver Series

- Up to 660 Mbps throughput

- Up to 288 TB NL-SAS drives

- Redundant Power

- RAID Options: 0, 1, 5, 6, 10

- iDRAC Express

- 5 Year, Next-Business Day Warranty

LENSEC LX266 NVA Technical Specifications

General information

Operating System
Microsoft Windows Server® 2019

Processor
Intel® Xeon® Silver 4216 2.1GHz, 16C/32T

Memory
32 GB (4 x 8 GB)

Power Supplies
Dual Hot Plug 1100W Power Supply

Networking
2 x 10 GbE ports
2 x 1 GbE ports

GPU (Optional)
NVIDIA®T400, NVIDIA®T1000

Performance
Validated 225 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, Keep your Hard Drive Warranty, Customer self-repair for GPU

Storage

VMS/OS Disk
2 x 240 GB M.2 SSD, Raid 1

Storage Bays
Up to 18 x 3.5'' hot-plug

Storage Capacity
Up to 288 TB

RAID Controller
0, 1, 5, 6, 10

Mechanical

Form Factor
2U

Dimensions Form Factor
17.08" (434 mm) x 26.72" (678.8 mm) x 3.4" (86.8 mm)

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

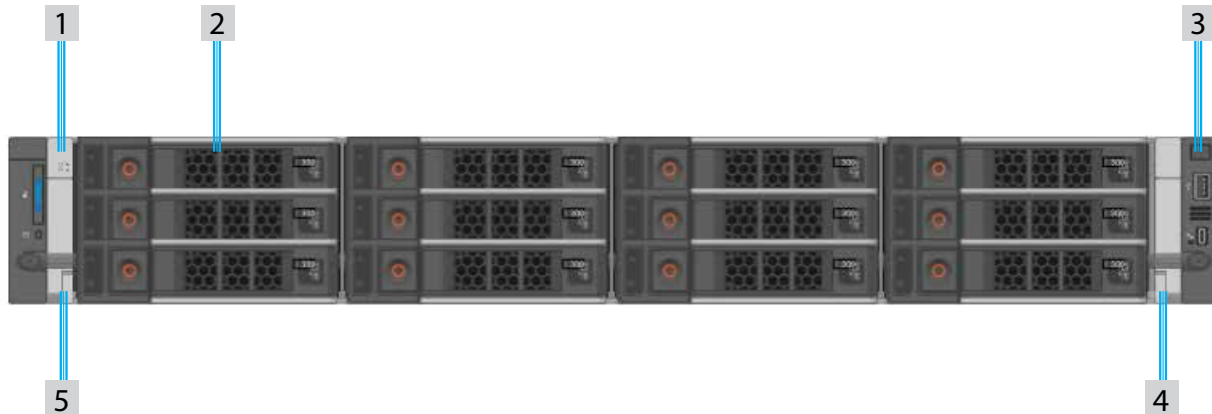**Humidity**
10 ~ 80% (non-condensing)

Maximum Weight
33.1 kg (73 lbs)

Storage Configuration

Models	Bays	Max. Storage Capacity
LX266-192TB-16	12 x 3.5'' hot-plug NL-SAS	192 TB (16 TB x 12)
LX266-216TB-12	18 x 3.5'' hot-plug NL-SAS	216 TB (12 TB x 18)
LX266-288TB-16	18 x 3.5'' hot-plug NL-SAS	288 TB (16 TB x 18)

*Up to 225 Cameras with 1920x1080, 25FPS & 3 Mbps

LENSEC LX266 NVA Chassis Views
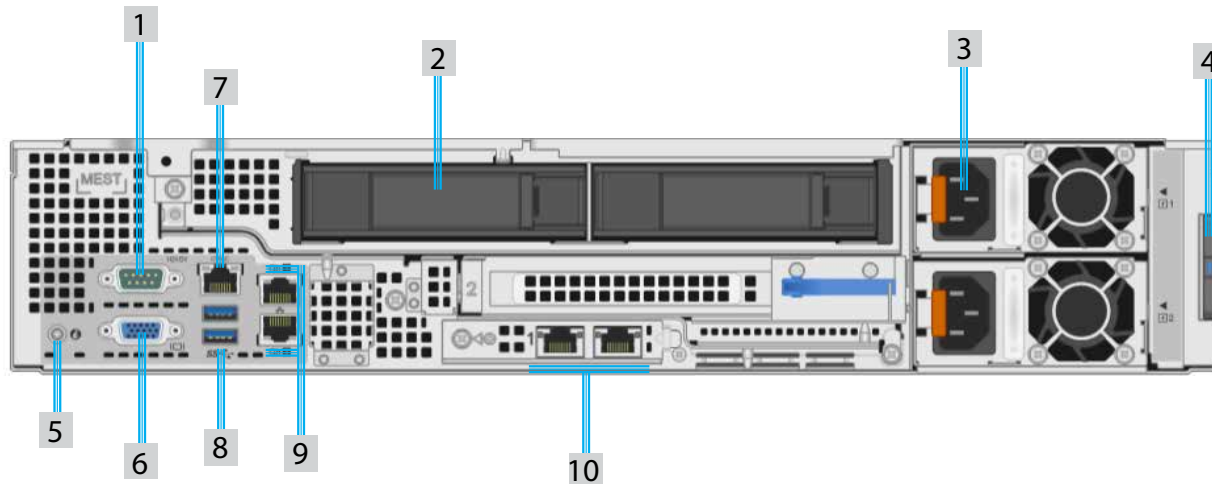
Front View (without bezel)

1. Left Control Panel	3. Right Control Panel	5. Left release latch
2. Drive slot	4. Right release latch	

Rear View

1. Serial port	5. System identification button	9. Gigabit Ethernet ports
2. Drive Slot	6. VGA ports	10. 10 Gbe BaseT ports
3. Power Supply unit	7. Out of Band management port (OOB)	
4. Information tag	8. USB 3.0 ports	

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.