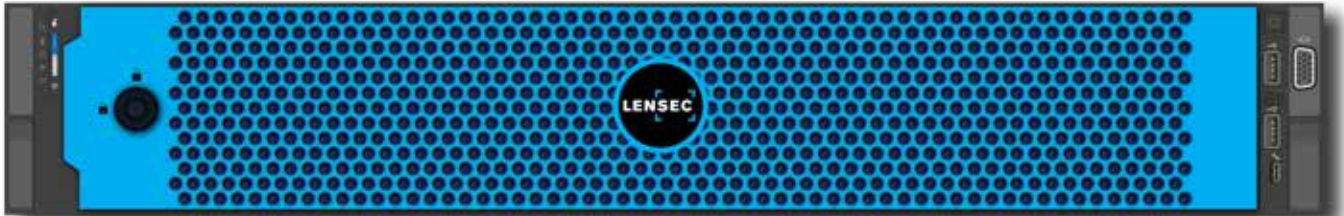# LENSEC LX266X Network Video Appliance

## Product Datasheet



## Introduction

LENSEC LX266X is an affordable dual 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 LX266X comes pre-downloaded and enhanced with Perspective VMS®, which eliminate deployment cost and enable instant-use of appliance.

## Designed for Large Environment

LENSEC LX266X fulfill the need for managing a higher number of cameras with high storage capability and high performance into a single appliance. LENSEC LX266X is the ideal appliance as central management server, remote site NVR and standalone deployments.

LENSEC LX266X offers up to 26 x 3.5" hot plug hard drives with a total storage capacity of 416 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 LX266X 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

- 2X Intel® Xeon® Silver Series

- Up to 660 Mbps throughput

- Up to 416 TB NL-SAS drives

- Redundant Power

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

- iDRAC Express

- 5 Year, Next-Business Day Warranty

## LENSEC LX266X NVA Technical Specifications

### General information

**Operating System**
Microsoft Windows Server® 2019

**Processor**
2x 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 26 x 3.5'' hot-plug

**Storage Capacity**
Up to 416 TB

**RAID Controller**
0, 1, 5, 6, 10

### Mechanical

**Form Factor**
2U

**Dimensions Form Factor**
17.63" (448 mm) x 33.26" (844.8 mm) x 3.41" (86.8 mm)

**Temperature**
(Min) 50°F - (Max) 86° F [(Min) 10°C - (Max) 30° C]

**Humidity**
10 ~ 80% (non-condensing)
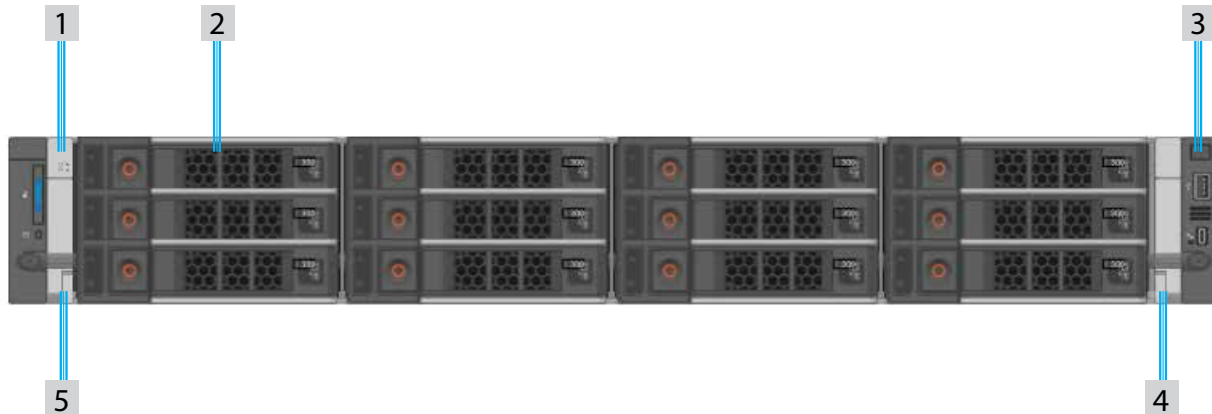
**Maximum Weight**
40 kg (88.18 lbs)

### Storage Configuration

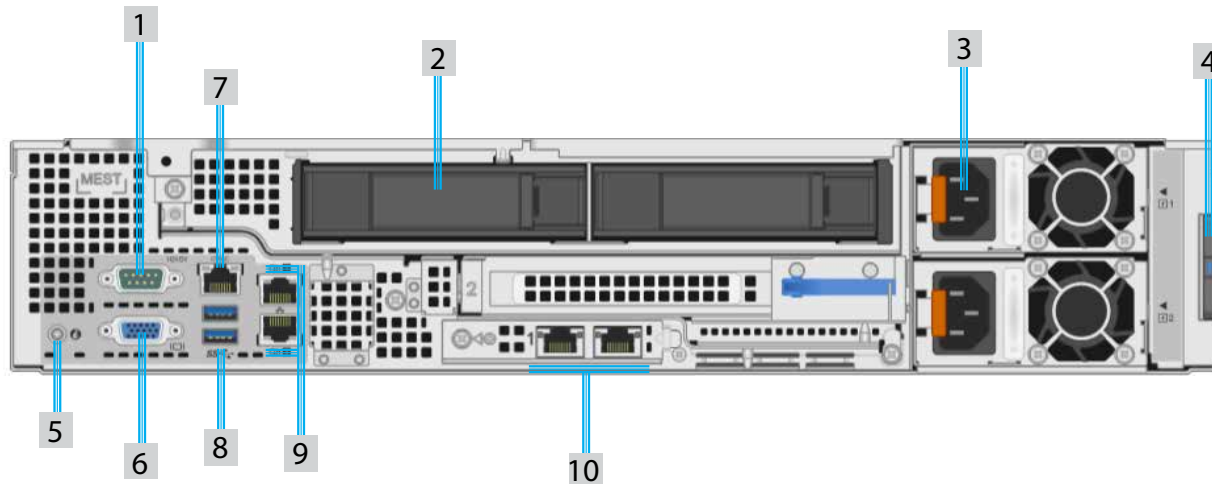| Models | Bays | Max. Storage Capacity |
|---|---|---|
| LX266X-224TB-16 | 14 x 3.5'' hot-plug NL-SAS | 224 TB (16 TB x 14) |
| LX266X-352TB-16 | 22 x 3.5'' hot-plug NL-SAS | 352 TB (16 TB x 22) |
| LX266X-288TB-12 | 24 x 3.5'' hot-plug NL-SAS | 288 TB (12 TB x 24) |
| LX266X-312TB-12 | 26 x 3.5'' hot-plug NL-SAS | 312 TB (12 TB x 26) |
| LX266X-384TB-16 | 24 x 3.5'' hot-plug NL-SAS | 384 TB (16 TB x 24) |
| LX266X-416TB-16 | 26 x 3.5'' hot-plug NL-SAS | 416 TB (16 TB x 26) |

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

# LENSEC LX266X 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.