



# TITAN

## LENSEC LX245 – PROFESSIONAL LEVEL NETWORK VIDEO APPLIANCE

A PRODUCT BY **LENSEC**

### TITAN – LENSEC LX245 NVA

LENSEC LX245 is an affordable single socket 2U rack appliance designed for small-medium deployments running on top of Microsoft Windows Server.

This surveillance-optimized server support up to 150 cameras streaming and recording at high resolution. Cameras and security systems licenses are obtained separately.

LENSEC LX245 comes pre-downloaded and enhanced with Perspective VMS®, which eliminate deployment cost and enable instant-use of appliance.

## COST-EFFECTIVE & HIGH AVAILABILITY SOLUTION

LENSEC LX245 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 LX245 offers up to 8 x 3.5" hot plug hard drives with a total storage capacity of 128 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 LX120 accelerates your network surveillance infrastructure response with improved performance by using Intel Xeon E 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 and third-party security integration services.

## KEY FEATURES

- Windows Server® 2019
- Intel® Xeon® Silver Series
- Up to 450 Mbps throughput
- Up to 128 TB NL-SAS drives
- Redundant Power
- RAID Options: 0, 1, 5, 6, 10
- iDRAC Express
- 5 Year, Next-Business Day Warranty



## TECHNICAL SPECIFICATIONS

### GENERAL INFORMATION

<b>Operating System</b> Microsoft Windows Server® 2019	<b>Processor</b> Intel® Xeon® Silver 4210 2.2GHz, 10C/20T
<b>Memory</b> 16 GB (2 x 8 GB)	<b>Power Supplies</b> Dual Hot Plug 800W Power Supply
<b>Networking</b> 2 x 1 GbE ports	<b>GPU (Optional)</b> NVIDIA®T400, NVIDIA®T1000
<b>Performance</b> Validated 150 cameras*	<b>Remote Users</b> No license limitation
<b>VMS Edition Support</b> PVMS Express, Standard, Professional, Enterprise	<b>Operation Mode</b> Standalone/Centralized/Distributed
<b>Support and Warranty</b> 5-Year Next-Business Day, keep your hard drive warranty, customer self-repair for GPU	

### STORAGE

<b>VMS/OS Disk</b> 2 x 240 GB M.2 SSD, Raid 1	<b>Storage Capacity</b> Up to 128 TB
<b>Storage Bays</b> Up to 8 x 3.5" hot-plug	<b>RAID Controller</b> 0, 1, 5, 6, 10

### MECHANICAL

<b>Form Factor</b> 2U	<b>Humidity Storage</b> 10 ~ 80% (non-condensing)
<b>Dimensions Form Factor</b> 19" (482.6mm) x 28.17" (715.5mm) x 3.42" (86.8mm)	<b>Maximum Weight</b> 25.4 kg (56 lbs)
<b>Temperature Storage</b> (Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]	

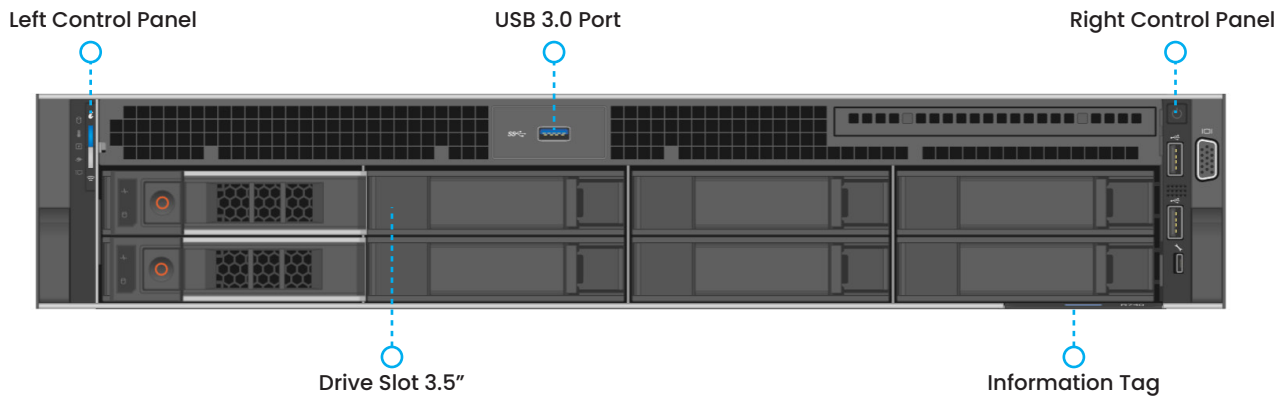
### STORAGE CONFIGURATION

Models	Bays	Maximum Storage Capacity
LX245-16TB-8	2 x 3.5" hot-plug NL-SAS	16 TB (8 TB x 2)
LX245-64TB-8	8 x 3.5" hot-plug NL-SAS	64 TB (8 TB x 8)
LX245-96TB-12	8 x 3.5" hot-plug NL-SAS	96 TB (12 TB x 8)
LX245-128TB-16	8 x 3.5" hot-plug NL-SAS	128 TB (16 TB x 8)

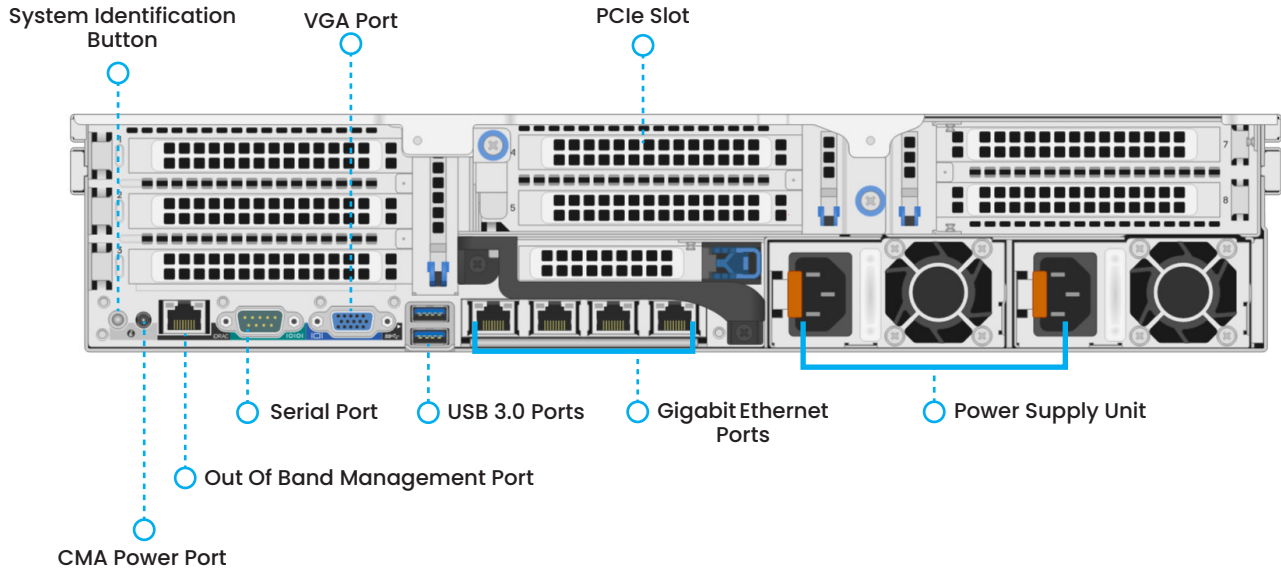
\*Up to 150 Cameras with 1920x1080, 25FPS & 3 Mbps

## CHASSIS VIEWS

### FRONT VIEW (WITHOUT BEZEL)



### REAR VIEW



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

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