

## LENSEC LX120 Network Video Appliance

### Product Datasheet

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### Introduction

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LENSEC LX120 is an affordable single socket 1U rack appliance designed for small-medium deployments running on top of Microsoft Windows Server.

This surveillance-optimized server support up to 70 cameras streaming and recording at high resolution. Cameras and security systems licenses are obtained separately.

LENSEC LX120 comes pre-downloaded and enhanced with Perspective VMS®, which eliminate deployment cost and enable instant-use of appliance.

### Cost-Effective & High Availability Solution

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LENSEC LX120 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 LX120 offers up to 4 x 3.5" hot plug hard drives with a total storage capacity of 64 TB. Windows operating system, VMS system and video data are protected from loss with RAID options to ensure critical functions high availability.

### High Performance

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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® E Series
- Up to 200 Mbps throughput
- Up to 64 TB SATA drives
- Redundant Power
- RAID Options: 0, 1, 5
- iDRAC Express
- 5 Year, Next-Business Day Warranty

## LENSEC LX120 NVA Technical Specifications

### General information

#### Operating System

Microsoft Windows Server® 2019

#### Processor

Intel® Xeon E-2236G 3.4GHz, 6C/12T

#### Memory

16 GB (2 x 8 GB)

#### Power Supplies

Dual Hot Plug 350W Power Supply

#### Networking

2 x 1 GbE ports

#### GPU (Optional)

NVIDIA®T400, NVIDIA®T1000

#### Performance

Validated 70 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

2 x 240 GB M.2 SSD, Raid 1

#### Storage Bays

Up to 4 x 3.5" hot-plug

#### Storage Capacity

Up to 64 TB

#### RAID Controller

0, 1, 5

### Mechanical

#### Form Factor

1U

#### Dimensions Form Factor

Width: 43.4cm (17.08 in) Depth: 59.6cm (23.45 in)

#### Temperature Storage

-40°C -65°C (-40°F-149°F) Standard Operation: 10°C -35°C

#### Humidity Storage

5% to 95% RH Operating: 10% to 80% RH

#### Maximum Weight

13.6 kg (29.98 lbs)

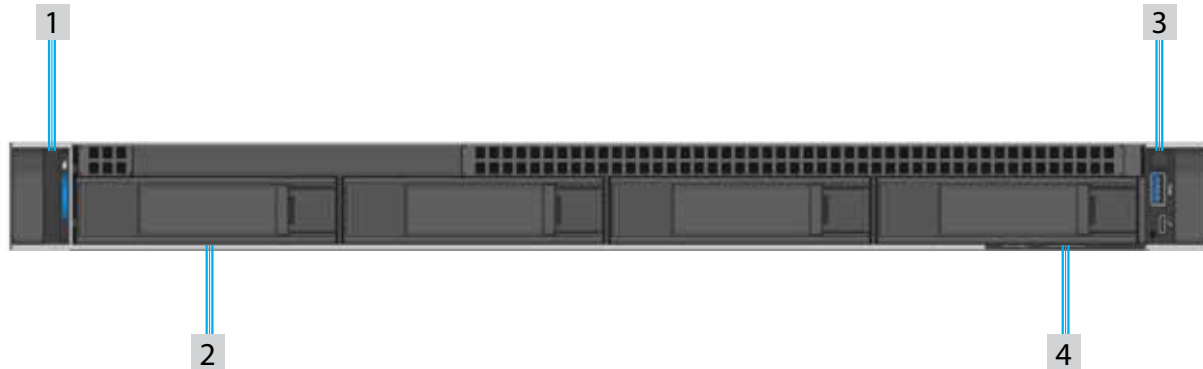
### Storage Configuration

Models	Bays	Max. Storage Capacity
LX120-8TB-4	2 x 3.5" hot-plug SATA	8 TB (4 TB x 2)
LX120-32TB-8	4 x 3.5" hot-plug SATA	32 TB (8 TB x 4)
LX120-48TB-12	4 x 3.5" hot-plug SATA	48 TB (12 TB x 4)
LX120-64TB-16	4 x 3.5" hot-plug SATA	64 TB (16 TB x 4)

\*Up to 70 Cameras with 1920x1080, 25FPS & 3 Mbps

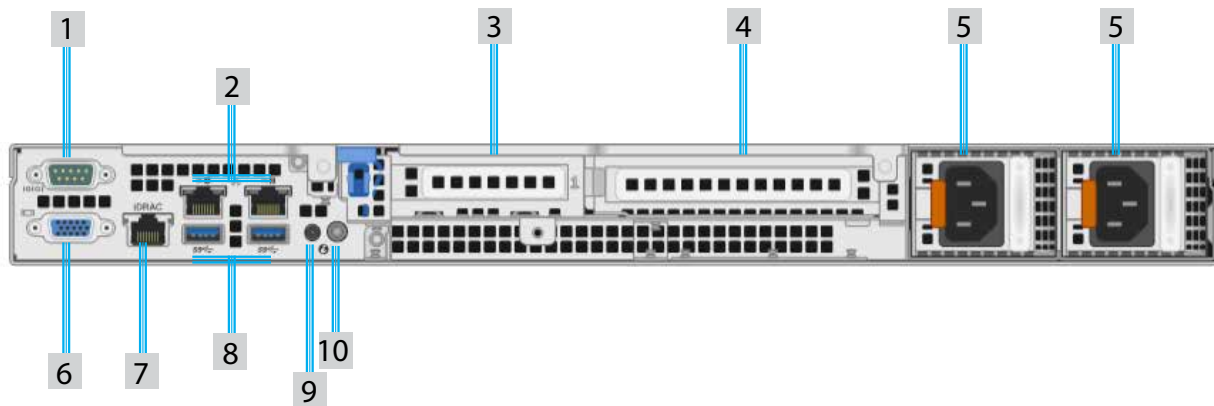
## LENSEC LX120 NVA Chassis Views

### Front View (without bezel)



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

### Rear View



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|---|--------------------------------|---------------------------------------|
| 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](mailto:sales@lensec.com)

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