



TITAN

LENSEC LX120 – ENTRY LEVEL NETWORK VIDEO APPLIANCE

A PRODUCT BY **LENSEC**

TITAN – LENSEC LX120 NVA

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

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

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



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 1 x 1 Gbps 1 x 10 Gbps	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 Capacity Up to 64 TB
Storage Bays Up to 4 x 3.5" hot-plug	RAID Controller 0, 1, 5

MECHANICAL

Form Factor 1U	Humidity Storage 5% to 95% RH Operating: 10% to 80% RH
Dimensions Form Factor Width: 43.4cm (17.08 in) Depth: 59.6cm (23.45 in)	Maximum Weight 13.6 kg (29.98 lbs)
Temperature Storage -40°C -65°C (-40°F-149°F) Standard Operation: 10°C -35°C	

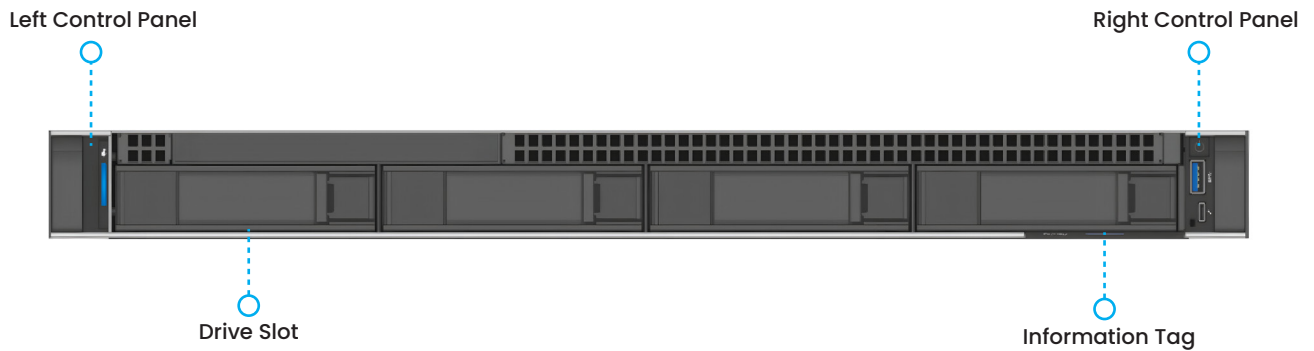
STORAGE CONFIGURATION

Models	Bays	Maximum 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)

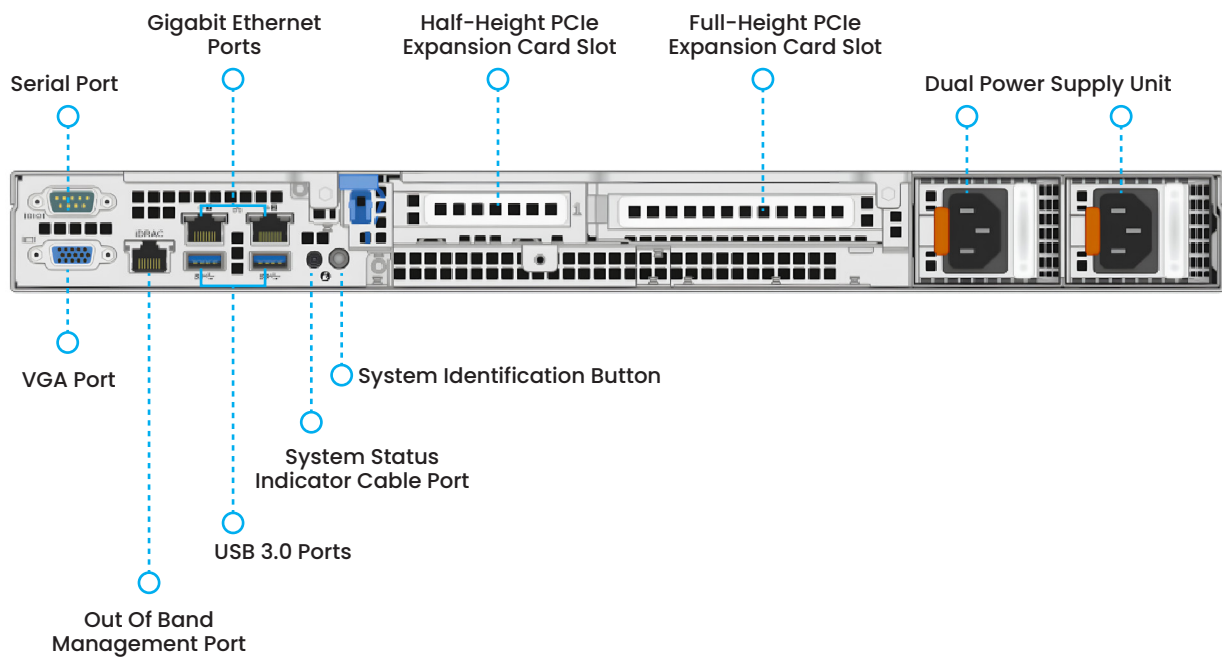
*Up to 70 Cameras with 1920x1080, 25FPS & 3 Mbps

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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