

Luxriot Dual RAID-6 Series servers are designed and optimized to run Luxriot **Evo S** and Luxriot **Evo Global** server software with high data throughput and redundancy to handle 4K and higher resolution cameras as well as to run CPU-intensive tasks such as

- Video Content Analysis (VCA),
- Face Recognition (FR),
- Vehicle Licence Plate Recognition (LPR).



NVR Servers

LUXRIOT DUAL RAID-6 Servers

Features:

- RAID-6 Network Video Recorder (NVR) Server Includes Hot-spare
- Dual Intel® Silver Xeon Deca-core (10 Core) processors optimized for HD Video
- Internal Hot Swappable HDD configurations from 20 to 210TB (with Ext DAS up to 1680TB)
- Hot Spare Drive Included
- Adaptec 12Gb/s Mini SAS 2.0 PCIe Raid Controller with 4GB NAND Flash Memory
- 16GB of DDR4 Memory
- Windows Server OS 2012/16 on dedicated Solid state drive (SSD)
- Advanced cooling system ensures optimal performance & long-term reliability
- Built in DVD-RW for high speed archiving
- Redundant Hot-Swappable Power Supplies
- 3YR Onsite Support Included for US customers only

Optimized & Designed for:



A&H Software House Inc.

● Luxriot 3U/4U Dual Xeon Raid-6 Models

Luxriot Dual CPU 3U Models	Luxriot Dual CPU 4U Models		Luxriot Dual CPU 4U Models + DAS	
LR2-3U-XSVR2-20TB	LR2-4U-XSVR2-56TB	LR2-4U-XSVR2-136TB	LR2-4U-XSVR2-252TB+DAS1 (with 1x 126TB DAS 4U Expansion)	LR2-4U-XSVR2-1050TB+DAS4 (with 4x 210TB DAS 4U Expansion)
LR2-3U-XSVR2-24TB	LR2-4U-XSVR2-64TB	LR2-4U-XSVR2-152TB		
LR2-3U-XSVR2-32TB	LR2-4U-XSVR2-72TB	LR2-4U-XSVR2-168TB	LR2-4U-XSVR2-336TB+DAS1 (with 1x 168TB DAS 4U Expansion)	LR2-4U-XSVR2-1260TB+DAS5 (with 5x 210TB DAS 4U Expansion)
LR2-3U-XSVR2-40TB	LR2-4U-XSVR2-80TB	LR2-4U-XSVR2-190TB		
LR2-3U-XSVR2-48TB	LR2-4U-XSVR2-84TB	LR2-4U-XSVR2-200TB	LR2-4U-XSVR2-420TB+DAS1 (with 1x 210TB DAS 4U Expansion)	LR2-4U-XSVR2-1470TB+DAS6 (with 6x 210TB DAS 4U Expansion)
LR2-3U-XSVR2-52TB	LR2-4U-XSVR2-90TB	LR2-4U-XSVR2-210TB		
	LR2-4U-XSVR2-102TB		LR2-4U-XSVR2-630TB+DAS2 (with 2x 210TB DAS 4U Expansion)	LR2-4U-XSVR2-1680TB+DAS7 (with 7x 210TB DAS 4U Expansion)
	LR2-4U-XSVR2-114TB			
	LR2-4U-XSVR2-126TB		LR2-4U-XSVR2-840TB+DAS3 (with 3x 210TB DAS 4U Expansion)	

● Specifications

Luxriot NVR Model	Luxriot 3U Dual CPU RAID-6 20TB - 52TB Servers	Luxriot 4U Dual CPU RAID-6 56TB - 210TB (1512TB w/ DAS) Servers
Power Supply	(2) 820W PS (Redundant) (110~240V auto-detect)	(2) 960W PS (Redundant) (110~240V auto-detect)
Form Factor	3U (20TB, 24TB, 32TB, 40TB, 48TB & 52TB)	4U (56TB, 64TB, 72TB, 80TB, 84TB, 90TB, 102TB, 114TB, 126TB, 136TB, 152TB, 168TB, 190TB, 200TB, 210TB & up to 1680TB w/ DAS Expansion Units)
	Intel Server Mainboard	
Cooling System	Built-in 4x 80mm Hot Swap PWM Middle Fans	Built-in 4x 80mm Hot Swap PWM Middle Fans
Operating System	Windows 2012 / 2016 MS SERVER OS (64 Bit) on dedicated 240 GB Intel SSD	
NIC	2 Internal + 1 PCI Gbit Ethernet 1000 Mbps LAN	
DVD/CD RW	Front Panel Access	External USB
Storage	Hot Swap 20 TB - 52 TB Internal (Enterprise Drives SATA-6 Gb/s at 7200 RPMs)	Hot Swap 56 TB - 210 TB Internal (Enterprise Drives SATA-6 Gb/s at 7200 RPMs)
Raid Controller	12 Gb/s SAS 2.0 PCIe Interface Gen 3 host connection. Includes 2 GB of NAND flash memory which offers Zero-Maintenance cache protection that eliminates (BBUs)	
Chassis / Backplane	16 Bay SATA / (1) 12 Gb/s mini SAS Port	24 Bay SATA / (1) 12 Gb/s mini SAS Port
Graphics Card	Built-In (HDMI/DVII/VGA)	
CPU	(2) Intel Xeon Silver 4114 Ten Core 2.20 GHz (20 Cores Total)	
RAM	16 GB DDR4	
Dimensions (D x W x H)	660 x 432 x 132 (mm) / 26" x 17" x 5.2"	699 x 432 x 176 (mm) / 27.5" x 17" x 6.9"

- Luxriot 3U 20-52TB Detailed



- Luxriot 4U 56-210TB Detailed



- DAS 4U Storage Unit Detailed

