

Luxriot 3U/4U Dual Xeon Raid-5 Models with Hot Spare

LR2-3U-16B-XSVR2 72TB-416TB



LR2-4U-24B-XSVR2 456TB-672TB



LR2-4U-48B-XSVR2 792TB-1440TB



Luxriot Dual RAID-5 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 (EVA), Face Recognition {FR} and Vehicle License Plate Recognition {LPR}.

- Raid-5 including Hot-Spare.
- Dual Intel Silver series Xeon 2 x XEON Scalable 4510
- Internal Hot Swappable HOD configurations from 72TB to 1440TB
- Hot spare Drive Included
- Raid controller 12Gb/s or 24Gb/s Mini SAS PCIe Raid Controller with BBU
- 64GB Ram
- Windows Server 2025 Server with License Quantity 24 cores on 500G NVME
- Hot swappable cooling ensures optimal performance and long-term reliability
- Redundant Hot-Swappable Power Supplies
- 3 Year Warranty

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

Luxriot RAID6 Dual Xeon CPU		
LR2-3U-16B-XSVR2-72TB	LR2-4U-24B-XSVR2-456TB	LR2-4U-48B-XSVR2-792TB
LR2-3U-16B-XSVR2-96TB	LR2-4U-24B-XSVR2-480TB	LR2-4U-48B-XSVR2-840TB
LR2-3U-16B-XSVR2-120TB	LR2-4U-24B-XSVR2-504TB	LR2-4U-48B-XSVR2-888TB
LR2-3U-16B-XSVR2-144TB	LR2-4U-24B-XSVR2-588TB	LR2-4U-48B-XSVR2-936TB
LR2-3U-16B-XSVR2-168TB	LR2-4U-24B-XSVR2-630TB	LR2-4U-48B-XSVR2-984TB
LR2-3U-16B-XSVR2-192TB	LR2-4U-24B-XSVR2-672TB	LR2-4U-48B-XSVR2-1032TB
LR2-3U-16B-XSVR2-216TB		LR2-4U-48B-XSVR2-1080TB
LR2-3U-16B-XSVR2-240TB		LR2-4U-48B-XSVR2-1260TB
LR2-3U-16B-XSVR2-264TB		LR2-4U-48B-XSVR2-1350TB
LR2-3U-16B-XSVR2-288TB		LR2-4U-48B-XSVR2-1440TB
LR2-3U-16B-XSVR2-312TB		
LR2-3U-16B-XSVR2-390TB		
LR2-3U-16B-XSVR2-416TB		

Luxriot NVR Model	Luxriot 3U Dual CPU RAID-5 72TB - 416TB Servers	Luxriot 4U Dual CPU RAID-5 456TB – 672TB	Luxriot 4U Dual CPU RAID-5 792TB – 1440TB
Power Supply	(2) 875W PS (Redundant) (110~240V)	(2) 975W PS (Redundant) (110~240V)	(2) x 1100W PS (Redundant) (110~240V)
Form Factor	3U	4U	4U
Cooling System	Intel Server Main board		
Operating System	Built-in 4x 80mm Hot Swap PWM Middle Fans		
NIC	Windows 2025 24 cores MS SERVER OS (64 Bit) on dedicated 500GB NVME		
Storage	2 x 10Gigabit LAN ports (Intel X710-AT2) + 1Gigabit Lan		
Raid Controller	Hot Swap (SATA-6Gb/s drives at 7200 RPMs)	Hot Swap (SATA-6Gb/s drives at 7200 RPMs)	Hot Swap (SATA-6Gb/s drives at 7200 RPMs)
Chassis / Backplane	12Gb/s SAS 2.0 With BBU		
Graphics Card	16 Bay SATA / (1) 12Gb/s mini SAS Port	24 Bay SATA / (1) 12Gb/s mini SAS Port	48 Bay SATA / (2) 12Gb/s mini SAS Port
CPU	Built-In		
RAM	2 x Intel Xeon Silver 4510 5th Gen Scalable Processors 2.4 GHz - 12-core - 24 threads - 30 MB cache - FCLGA4677 Socket 5th Gen Intel® Xeon® Scalable Processors		
Dimensions (Dx Wx H)	64GB ECC Memory		
	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"	832.8 x 448 x 175.8 (mm) 32.79" x 17.24" x 6.92"