

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

LR2-3U-16B-XSVR2-54TB-286TB



LR2-4U-24B-XSVR2 324TB-462TB



LR2-4U-48B-XSVR2 540TB-924TB



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 and *GPU-intensive tasks such as Video Content Analysis (EVA), Face Recognition {FR} and Vehicle License Plate Recognition {LPR}, Object Detection, Smoke and Fire Detection and UIC Container detection.

- Raid-5 including Hot-Spares.
- Dual Intel Silver series Intel Xeon Silver 4214 Dodeca-core (12 Core) 2.20 GHz Processor - 17 MB L3 Cache - 64-bit Processing - 3.20 GHz Overclocking Speed - 14 nm - Socket 3647
- Internal Hot Swappable HDD configurations from 54TB to 924TB
- Hot spare Drives Included
- Raid controller 12Gb/s Mini SAS PCIe Raid Controller with BBU
- 32GB Ram
- WIN 2022 SERVER OS 24 cores on 240G SSD/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-5 Models

Luxriot 3U Dual CPU RAID-5 54TB - 286TB Servers	Luxriot 4U Dual CPU RAID-5 324TB – 462TB Servers	Luxriot 4U Dual CPU RAID-5 540TB – 924TB Servers
LR2-3U-16B-XSVR2-54TB	LR2-4U-24B-XSVR2-324TB	LR2-4U-48B-XSVR2-540TB
LR2-3U-16B-XSVR2-72TB	LR2-4U-24B-XSVR2-342TB	LR2-4U-48B-XSVR2-576TB
LR2-3U-16B-XSVR2-90TB	LR2-4U-24B-XSVR2-360TB	LR2-4U-48B-XSVR2-612TB
LR2-3U-16B-XSVR2-108TB	LR2-4U-24B-XSVR2-378TB	LR2-4U-48B-XSVR2-648TB
LR2-3U-16B-XSVR2-126TB	LR2-4U-24B-XSVR2-420TB	LR2-4U-48B-XSVR2-720TB
LR2-3U-16B-XSVR2-144TB	LR2-4U-24B-XSVR2-462TB	LR2-4U-48B-XSVR2-756TB
LR2-3U-16B-XSVR2-162TB		LR2-4U-48B-XSVR2-840TB
LR2-3U-16B-XSVR2-180TB		LR2-4U-48B-XSVR2-924TB
LR2-3U-16B-XSVR2-198TB		
LR2-3U-16B-XSVR2-216TB		
LR2-3U-16B-XSVR2-234TB		
LR2-3U-16B-XSVR2-260TB		
LR2-3U-16B-XSVR2-286TB		

Luxriot NVR Model	Luxriot 3U Dual CPU RAID-5 54TB - 286TB Servers	Luxriot 4U Dual CPU RAID-5 324TB – 462TB	Luxriot 4U Dual CPU RAID-5 540TB – 924TB
Power Supply	(2) 875W PS (Redundant) (110~240V)	(2) 975W PS (Redundant) (110~240V)	(2) x 1100W PS (Redundant) (110~240V)
Form Factor	3U (54TB, to 286TB)	4U (324TB – 462TB)	4U (540TB – 924TB)
Cooling System	Built-in 4x 80mm Hot Swap PWM Middle Fans	Built-in 4x 80mm Hot Swap PWM Middle Fans	Built-in 4x 80mm Hot Swap PWM Middle Fans
Operating System	WIN 2022 SERVER OS 24 cores (64 Bit) on dedicated 240GB SSD		
NIC	2 x Gbit + 1 x PCIx 2.5Gb Ethernet LAN		
Storage	Hot Swap 54TB - 286TB Internal (Enterprise Drives SATA-6Gb/s at 7200 RPMs)	Hot Swap 324TB – 462TB Internal (Enterprise Drives SATA-6Gb/s at 7200 RPMs)	Hot Swap 540TB – 924TB Internal (Enterprise Drives SATA-6Gb/s at 7200 RPMs)
Raid Controller	12Gb/s SAS 2.0 With BBU		
Chassis / Backplane	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
Graphics Card	Built-In		
CPU	2 x Intel Xeon Silver 4214 Dodeca-core (12 Core) 2.20 GHz Processor		
RAM	32GB ECC Memory		
Dimensions (Dx Wx 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"	832.8 x 448 x 175.8 (mm) 32.79" x 17.24" x 6.92"