

Luxriot 3U/4U Single CPU Raid-6 Models Hot Spare Video Servers**LR1-3U-16B-IPSVR****LR1-4U-24B-IPSVR1****LR1-4U-48B-IPSVR1**

Luxriot single 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. Perfect for large scale deployments.

- Raid-6 including Hot-Spare.
- Intel Core i9-12900 Hexadeca-core (16 Core) 2.40 GHz Processor –
- Hot Swappable HOD configurations from 32TB to 756TB
- Hot spare Drive Included
- 12Gb/s SAS 2.0 With BBU
- 32GB Ram
- Windows 10/11 Pro 64Bit
- Hot swappable cooling ensures optimal performance and long-term reliability
- Redundant Hot-Swappable Power Supplies
- 3 Year Warranty

Luxriot 3U/4U Single CPU Raid-6 Models Hot Spare Video

| Luxriot Raid6 Single CPU | | |
|--------------------------|-------------------------|-------------------------|
| LR1-3U-16B-IPSVR1-32TB | LR1-4U-24B-IPSVR1-240TB | LR1-4U-48B-IPSVR1-608TB |
| LR1-3U-16B-IPSVR1-48TB | LR1-4U-24B-IPSVR1-256TB | LR1-4U-48B-IPSVR1-640TB |
| LR1-3U-16B-IPSVR1-64TB | LR1-4U-24B-IPSVR1-272TB | LR1-4U-48B-IPSVR1-672TB |
| LR1-3U-16B-IPSVR1-80TB | LR1-4U-24B-IPSVR1-288TB | LR1-4U-48B-IPSVR1-720TB |
| LR1-3U-16B-IPSVR1-96TB | LR1-4U-24B-IPSVR1-304TB | LR1-4U-48B-IPSVR1-756TB |
| LR1-3U-16B-IPSVR1-112TB | LR1-4U-24B-IPSVR1-320TB | |
| LR1-3U-16B-IPSVR1-128TB | LR1-4U-24B-IPSVR1-336TB | |
| LR1-3U-16B-IPSVR1-144TB | LR1-4U-24B-IPSVR1-378TB | |
| LR1-3U-16B-IPSVR1-160TB | LR1-4U-48B-IPSVR1-416TB | |
| LR1-3U-16B-IPSVR1-176TB | LR1-4U-48B-IPSVR1-448TB | |
| LR1-3U-16B-IPSVR1-192TB | LR1-4U-48B-IPSVR1-480TB | |
| LR1-3U-16B-IPSVR1-208TB | LR1-4U-48B-IPSVR1-512TB | |
| LR1-3U-16B-IPSVR1-234TB | LR1-4U-48B-IPSVR1-544TB | |
| | LR1-4U-48B-IPSVR1-576TB | |

| Luxriot NVR Model | Luxriot 3U Single CPU RAID-6 32TB - 234TB Servers | Luxriot 4U Single CPU RAID-6 240TB - 378TB | Luxriot 4U Single CPU RAID-6 416TB - 756TB |
|-----------------------------|--|---|---|
| Power Supply | (2) 875W PS (Redundant) (110~240V) | (2) 975W PS (Redundant) (110~240V) | (2) x 1100W PS (Redundant) (110~240V) |
| Form Factor | 3U (32TB, to 234TB) | 4U (240TB, to 378TB) | 4U (416TB, to 756TB) |
| Cooling System | Intel chipset Asus Main board | | |
| | 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 | Win10/11 Pro 64BIT on dedicated 240GB SSD or NVME | | |
| NIC | 1 PCI Gbit Ethernet and 1x 2.5 Mbps LAN | | |
| Storage | Hot Swap 32TB-234TB Internal (Enterprise Drives SATA-6Gb/s at 7200 RPMs) | Hot Swap 240TB-378TB Internal (Enterprise Drives SATA-6Gb/s at 7200 RPMs) | Hot Swap 416TB-756TB 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 | i9 (12th Gen) i9-12900 Hexadeca-core (16 Core) 2.40 GHz Processor - 30 MB L3 Cache - 64-bit Processing - 5.10 GHz Overclocking Speed | | |
| RAM | 32GB DDR4 | | |
| 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" |