

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 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 SINGLE RAID-6 Servers

Features:

- Raid-6 including Hot-Spare. Network Video Recorder (NVR) Server
- Extreme Series i9 CPU Processor
- Internal Hot Swappable HDD configurations from 32TB to 336TB
- Hot spare Drive Included
- Raid controller 12Gb/s Mini SAS PCIe Raid Controller with BBU
- 32GB Ram
- Pre-installed with Windows 10 Pro 64bit on Solid State SSD/NVME
- Hot swappable cooling ensures optimal performance and long-term reliability
- Redundant Hot-Swappable power Supplies
- 3YR Warranty

Optimized & Designed for:



A&H Software House Inc.

● Luxriot 3U/4U Single Intel Extreme CPU Raid-6 Models with Hot-Spare

Luxriot Single CPU 3U Models		Luxriot Single CPU 4U Models	
LR1-3U-IPSVR1-32TB		LR1-4U-IPSVR1-112TB	LR1-4U-IPSVR1-210TB
LR1-3U-IPSVR1-40TB		LR1-4U-IPSVR1-120TB	LR1-4U-IPSVR1-228TB
LR1-3U-IPSVR1-48TB		LR1-4U-IPSVR1-128TB	LR1-4U-IPSVR1-240TB
LR1-3U-IPSVR1-56TB		LR1-4U-IPSVR1-136TB	LR1-4U-IPSVR1-252TB
LR1-3U-IPSVR1-64TB		LR1-4U-IPSVR1-144TB	LR1-4U-IPSVR1-266TB
LR1-3U-IPSVR1-72TB		LR1-4U-IPSVR1-152TB	LR1-4U-IPSVR1-280TB
LR1-3U-IPSVR1-80TB		LR1-4U-IPSVR1-160TB	LR1-3U-IPSVR1-294TB
LR1-3U-IPSVR1-88TB		LR1-4U-IPSVR1-168TB	LR1-3U-IPSVR1-320TB
LR1-3U-IPSVR1-96TB		LR1-4U-IPSVR1-190TB	LR1-3U-IPSVR1-336TB
LR1-3U-IPSVR1-104TB		LR1-3U-IPSVR1-200TB	

● Specifications

Luxriot NVR Model	Luxriot 3U Single CPU RAID-6 32TB - 104TB Servers	Luxriot 4U Single CPU RAID-6 112TB - 336TB
Power Supply	2 x 875W PS (Redundant) (110~240V)	2 x 975W PS (Redundant) (110~240V)
Form Factor	3U (32TB, 40TB, 48TB, 56TB, 64TB, 72TB, 80TB, 96TB & 104TB)	4U (112TB, 120TB, 128TB, 136TB, 144TB, 152TB, 160TB, 168TB, 190TB, 200TB, 210TB, 228TB, 240TB, 252TB, 266TB, 280TB, 294TB, 320TB, & 336TB)
	Intel Chipset	
Cooling System	Built-in 4x 80mm Hot Swap PWM Middle Fans	Built-in 4x 80mm Hot Swap PWM Middle Fans
Operating System	Windows 10 PRO (64 Bit) on dedicated 240GB SSD	
NIC	1 Internal + 1 PCI Gbit Ethernet 1000 Mbps LAN	
DVD/CD RW	External USB	External USB
Storage	Hot Swap 32TB-104TB Internal (Enterprise Drives SATA-6Gb/s at 7200 RPMs)	Hot Swap 112TB-336TB Internal (Enterprise Drives SATA-6Gb/s at 7200 RPMs)
Raid Controller	12Gb/s SAS 2.0 PCIe Interface Gen 3 host connection.	
Chassis / Backplane	16 Bay SATA / (1) 12Gb/s mini SAS Port	24 Bay SATA / (1) 12Gb/s mini SAS Port
CPU	(1) i9-10900X Dodeca-core (10 Core) 3.70 GHz Processor <u>or higher</u>	
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"

- Luxriot 3U 32-104TB Detailed



- Luxriot 4U 112-336TB Detailed

