

LUXRIOT ENTERPRISE VIDEO RECORDERS

Luxriot 3U/4U Single CPU Raid-5 Models Hot Spare Video Recorders

LR1-3U-16B-NVR1



LR1-4U-24B-NVR1



LR1-4U-48B-NVR1



Luxriot single RAID 5 Series NVRs are designed and optimized to run Luxriot EVO S and Luxriot EVO Global software with high data throughput and redundancy to handle 4K and higher resolution cameras. Perfect for large scale deployments.

- Luxriot 3U - 4U RAID 5 NVR – 16 to 48 bay
- 1 x i9-12900/i9-13900 CPU
- 240G NVME for OS
- 32GB RAM, 3 x Gigabit Network cards
- WINDOWS (64Bit)
- 12Gb/s SAS 2.0 interfaces
- Includes HOT SPARE DRIVES for extra redundancy
- Redundant Power Supplies (HOT SWAP)
- 3 year warranty

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Luxriot Raid-5 Single CPU		
LR1-3U-16B-NVR1-54TB	LR1-3U-16B-NVR1-234TB	LR1-4U-48B-NVR1-540TB
LR1-3U-16B-NVR1-72TB	LR1-3U-16B-NVR1-260TB	LR1-4U-48B-NVR1-576TB
LR1-3U-16B-NVR1-90TB	LR1-3U-16B-NVR1-286TB	LR1-4U-48B-NVR1-612TB
LR1-3U-16B-NVR1-108TB	LR1-4U-24B-NVR1-324TB	LR1-4U-48B-NVR1-648TB
LR1-3U-16B-NVR1-126TB	LR1-4U-24B-NVR1-342TB	LR1-4U-48B-NVR1-684TB
LR1-3U-16B-NVR1-144TB	LR1-4U-24B-NVR1-360TB	LR1-4U-48B-NVR1-720TB
LR1-3U-16B-NVR1-162TB	LR1-4U-24B-NVR1-378TB	LR1-4U-48B-NVR1-756TB
LR1-3U-16B-NVR1-180TB	LR1-4U-24B-NVR1-420TB	LR1-4U-48B-NVR1-840TB
LR1-3U-16B-NVR1-198TB	LR1-4U-24B-NVR1-462TB	LR1-4U-48B-NVR1-924TB
LR1-3U-16B-NVR1-216TB		

Luxriot NVR Model	Luxriot 3U Single CPU RAID-5 54TB - 286TB	Luxriot 4U Single CPU RAID-5 324TB - 462TB	Luxriot 4U-1xCPU with 2x RAID 5 volumes 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 - 286TB)	4U (324TB - 462TB	4U (540TB - 924TB)
	Intel chipset Asus Main board		
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	Windows (64BIT) on dedicated 240GB SSD or NVME		
NIC	3 x Gigabit Network cards		1 x Intel® 2.5Gb Ethernet,
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 interfaces,		
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	1 x i9-12900/i9-13900 Processor - 30 MB L3 Cache - 64-bit Processing - 5.10 GHz Overclocking		
RAM	Speed 32GB		
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"