

Luxriot NVR Dual RAID-6 Series are optimized and designed to work with Luxriot VMS for sensitive data storage of IP/Megapixel Cameras.

Designed for use with Luxriot VMS



NVR Servers

LUXRIOT DUAL RAID-6 Servers

Features:

- RAID-6 Network Video Recorder (NVR) Server
- Dual Intel® E5 Xeon® Octa-Core processors & chipset optimized for HD video
- Internal Hot Swappable HDD configurations from 12 to 168TB (with Ext DAS up to 1512TB)
- Hot Spare Drive Included
- Adaptec 6Gb/s Mini SAS 2.0 PCIe Raid Controller with 2GB NAND Flash Memory
- 16GB of DDR4 Memory
- Server is pre-installed with Win 7 OS or opt Win 2008 Server OS on dedicated SSD drive
- Advanced cooling system ensures optimal performance & long-term reliability
- Built in DVD-RW for high speed archiving
- Redundant Hot-Swappable Power Supplies

Optimized & Designed for:



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

Luxriot Dual CPU 3U Models	Luxriot Dual CPU 4U Models		Luxriot Dual CPU 4U Models + DAS	
LR2-3U-XSVR2-12TB	LR2-4U-XSVR2-56TB	LR2-4U-XSVR2-136TB	LR2-4U-XSVR2-252TB-DAS1 (with 1x 126TB DAS 4U Expansion)	LR2-4U-XSVR2-1008TB-DAS5 (with 5x 168TB DAS 4U Expansion)
LR2-3U-XSVR2-20TB	LR2-4U-XSVR2-64TB	LR2-4U-XSVR2-152TB		
LR2-3U-XSVR2-24TB	LR2-4U-XSVR2-72TB	LR2-4U-XSVR2-168TB	LR2-4U-XSVR2-378TB-DAS2 (with 2x 126TB DAS 4U Expansion)	LR2-4U-XSVR2-1176TB-DAS8 (with 6x 168TB DAS 4U Expansion)
LR2-3U-XSVR2-32TB	LR2-4U-XSVR2-80TB			
LR2-3U-XSVR2-40TB	LR2-4U-XSVR2-84TB		LR2-4U-XSVR2-504TB-DAS2 (with 2x 168TB DAS 4U Expansion)	LR2-4U-XSVR2-1344TB-DAS7 (with 7x 168TB DAS 4U Expansion)
LR2-3U-XSVR2-48TB	LR2-4U-XSVR2-90TB			
LR2-3U-XSVR2-52TB	LR2-4U-XSVR2-102TB		LR2-4U-XSVR2-672TB-DAS3 (with 3x 168TB DAS 4U Expansion)	LR2-4U-XSVR2-1512TB-DAS8 (with 8x 168TB DAS 4U Expansion)
	LR2-4U-XSVR2-114TB			
	LR2-4U-XSVR2-126TB		LR2-4U-XSVR2-840TB-DAS4 (with 4x 168TB DAS 4U Expansion)	

● Specifications

Luxriot NVR Model	Luxriot 3U Dual CPU RAID-6 12TB - 52TB Servers	Luxriot 4U Dual CPU RAID-6 56TB – 168TB (1512TB w/ DAS) Servers
Power Supply	(2) 820W PS (Redundant) (110~240V auto-detect)	(2) 960W PS (Redundant) (110~240V auto-detect)
Form Factor	3U (12TB, 20TB, 24TB, 32TB, 40TB, 48TB & 52TB)	4U (56TB, 64TB, 72TB, 80TB, 84TB, 90TB, 102TB, 114TB, 126TB, 136TB, 152TB, 168TB & up to 1512TB w/ DAS Expansion Units)
	Intel Server Main board	
Cooling System	Built-in 4x 80mm Hot Swap PWM Middle Fans	Built-in 4x 80mm Hot Swap PWM Middle Fans
Operating System	Windows 7 (64 Bit) on dedicated 180GB Intel SSD	
NIC	4 Internal + 1 PCI Gbit Ethernet 1000 Mbps LAN	
DVD/CD RW	Front Panel Access	External USB
Storage	Hot Swap 12TB-52TB Internal (SATA-6Gb/s at 7200 RPMs)	Hot Swap 48TB-84TB Internal (SATA-6Gb/s at 7200 RPMs)
Raid Controller	12Gb/s SAS 2.0 PCIe Interface Gen 3 host connection. Includes 2GB of NAND flash memory which offers Zero-Maintenance cache protection that eliminates (BBUs)	
Chassis / Backplane	16 Bay SATA / (1) 12Gb/s mini SAS Port	24 Bay SATA / (1) 12Gb/s mini SAS Port
Graphics Card	Built-In (HDMI/DVII/VGA)	
CPU	(2) Intel Xeon E5 2630 v3 Series Eight Core 2.4Ghz (16 Cores Total)	
RAM	16GB DDR4	
Dimensions (W x D x H)	17" x 26" x 5.2"	17.1" x 27.5" x 7"

- Luxriot 3U 12-52TB Detailed



- Luxriot 4U 56-168TB Detailed



- DAS 4U Storage Unit Detailed

