

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
- Advanced Dual Intel® Xeon® Six Core processors & chipset optimized for HD video
- Internal Hot Swappable HDD configurations from 12 to 126TB (with Ext DAS up to 1134TB)
- Hot Spare Drive Included
- 128 Bit/2GB Video Adapter with HDMI & DVI outputs
- Adaptec 6Gb/s Mini SAS 2.0 PCIe Raid Controller with 2GB NAND Flash Memory
- 8GB of DDR3 Kingston SDRAM
- 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:



A&H Software House Inc.

● Luxriot 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-XSVR2-114TB	LR2-4U-XSVR2-252TB (with 126TB DAS 4U Expansion)	LR2-4U-XSVR2-756TB (with 5x 126TB DAS 3U Expansion)
LR2-3U-XSVR2-20TB	LR2-4U-XSVR2-64TB	LR2-4U-XSVR2-126TB		
LR2-3U-XSVR2-24TB	LR2-4U-XSVR2-72TB		LR2-4U-XSVR2-378TB (with 2x 126TB DAS 4U Expansion)	LR2-4U-XSVR2-882TB (with 6x 126TB DAS 3U Expansion)
LR2-3U-XSVR2-32TB	LR2-4U-XSVR2-80TB			
LR2-3U-XSVR2-40TB	LR2-4U-XSVR2-84TB		LR2-4U-XSVR2-504TB (with 3x 126TB DAS 3U Expansion)	LR2-4U-XSVR2-1008TB (with 7x 126TB DAS 3U Expansion)
LR2-4U-XSVR2-48TB	LR2-4U-XSVR2-90TB			
LR2-4U-XSVR2-52TB	LR2-4U-XSVR2-102TB		LR2-4U-XSVR2-630TB (with 4x 126TB DAS 3U Expansion)	LR2-4U-XSVR2-1134TB (with 8x 126TB DAS 3U Expansion)

● Specifications

Luxriot NVR Model	Luxriot Dual CPU RAID-6 12TB & 15TB Servers	Luxriot Dual CPU RAID-6 18TB - 42TB Servers	Luxriot Dual CPU RAID-6 48TB – 84TB (756TB w/ DAS) Servers
Power Supply	(3) 650W PS (Redundant) (110~240V auto-detect)	(2) 820W PS (Redundant) (110~240V auto-detect)	(2) 960W PS (Redundant) (110~240V auto-detect)
Form Factor	3U (12TB & 20TB)	3U (24TB, 32TB, 40TB & 48TB)	4U (52TB, 56TB, 64TB, 72TB, 80TB, 84TB, 90TB, 102TB, 114TB, 126TB & up to 1134TB 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	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 or 15TB Internal (SATA-6Gb/s7200 RPM)	Hot Swap 18TB-42TB Internal (SATA-6Gb/s7200 RPM)	Hot Swap 48TB-84TB Internal (SATA-6Gb/s7200 RPM)
Raid Controller	6 Gb/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	8 Bay SATA / (1) 6Gb/s mini SAS Port	16 Bay SATA / (1) 6Gb/s mini SAS Port	24 Bay SATA / (1) 6Gb/s mini SAS Port
Graphics Card	128 bit/1GB (HDMI/DVII/VGA)		
CPU	(2) Intel Xeon E5 2630 Series Six Cores (12 Cores Total)		
RAM	16GB fully buffered		
Dimensions (W x D x H)	17" x 26" x 5.2"	17" x 26" x 5.2"	17.1" x 27.5" x 7"

- Luxriot 3U 12TB & 15TB Detailed



- Luxriot 3U 18-42TB Detailed



- Luxriot 4U 48-84TB Detailed



- DAS 16 Bay Storage Unit Detailed



- DAS 24 Bay Storage Unit Detailed

