

*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 84TB (with Ext DAS up to 756TB)
- Hot Spare Drive Included
- 128 Bit/1GB 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:



## ● Luxriot Models

Luxriot Dual CPU 3U Models	Luxriot Dual CPU 4U Models		Luxriot Dual CPU 4U Models + DAS	
LR2-3U-XSVR2-12TB	LR2-4U-XSVR2-48TB	LR2-4U-XSVR2-80TB	LR2-4U-XSVR2-168TB (with 84TB DAS 4U Expansion)	LR2-4U-XSVR2-504TB (with 5x 84TB DAS 3U Expansion)
LR2-3U-XSVR2-15TB	LR2-4U-XSVR2-54TB	LR2-4U-XSVR2-84TB		
LR2-3U-XSVR2-18TB	LR2-4U-XSVR2-60TB		LR2-4U-XSVR2-252TB (with 2x 84TB DAS 4U Expansion)	LR2-4U-XSVR2-588TB (with 6x 84TB DAS 3U Expansion)
LR2-3U-XSVR2-24TB	LR2-4U-XSVR2-63TB			
LR2-3U-XSVR2-30TB	LR2-4U-XSVR2-68TB		LR2-4U-XSVR2-336TB (with 3x 84TB DAS 3U Expansion)	LR2-4U-XSVR2-672TB (with 7x 84TB DAS 3U Expansion)
LR2-4U-XSVR2-36TB	LR2-4U-XSVR2-72TB			
LR2-4U-XSVR2-42TB	LR2-4U-XSVR2-76TB		LR2-4U-XSVR2-420TB (with 4x 84TB DAS 3U Expansion)	LR2-4U-XSVR2-756TB (with 8x 84TB 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
<b>Power Supply</b>	(3) 650W PS (Redundant) (110~240V auto-detect)	(2) 820W PS (Redundant) (110~240V auto-detect)	(2) 960W PS (Redundant) (110~240V auto-detect)
<b>Form Factor</b>	3U (12TB & 15TB)	3U (18TB, 24TB, 30TB, 36TB & 42TB)	4U (48TB, 54TB, 60TB, 63TB, 68TB, 72TB, 76TB, 80TB, 84TB & up to 756TB w/ DAS Expansion Units)
	Intel Server Main board		
<b>Cooling System</b>	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
<b>Operating System</b>	Windows 7 (64 Bit) on dedicated 120GB Intel 520 Series SSD		
<b>NIC</b>	4 Internal + 1 PCI Intel Gbit Ethernet 1000 Mbps LAN		
<b>DVD/CD RW</b>	Front Panel Access		External USB
<b>Storage</b>	Hot Swap 12TB or 15TB Internal (SATA-6Gb/s/7200 RPM)	Hot Swap 18TB-42TB Internal (SATA-6Gb/s/7200 RPM)	Hot Swap 48TB-84TB Internal (SATA-6Gb/s/7200 RPM)
<b>Raid Controller</b>	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)		
<b>Chassis / Backplane</b>	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
<b>Graphics Card</b>	128 bit/1GB (HDMI/DVII/VGA)		
<b>CPU</b>	(2) Intel Xeon 2630 Series Six Cores (12 Cores Total)		
<b>RAM</b>	8GB fully buffered		
<b>Dimensions (W x D x H)</b>	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

