

*Luxriot NVR Single RAID-6 Series are optimized and designed to work with Luxriot VMS for sensitive data storage of IP/Megapixel Cameras, HD SDI Cameras and Analog Cameras.*

*Designed for use with Luxriot VMS*



NVR Servers

## **LUXRIOT SINGLE RAID-6 Servers**

### **Features:**

- RAID-6 Network Video Recorder (NVR) Server
- Advanced Intel Core i7 Processor & chipset optimized for HD video
- Internal Hot Swappable HDD configurations from 6 to 84TB (DAS up to 252TB)
- Hot Spare Drive Included
- 128 Bit/1GB Video Adapter with HDMI & DVI outputs
- Adaptec 6Gb/s Mini SAS 2.0 PCIe Raid Controller with 4GB NAND Flash Memory
- 8GB of DDR3 Kingston SDRAM
- Server is pre-installed with Windows® 7 OS on dedicated solid state 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 Single CPU 3U Models	Luxriot Single CPU 4U Models		Luxriot Single CPU 4U Models + DAS
LR1-3U-IPSVR1-6TB	LR1-4U-IPSVR1-39TB	LR1-4U-IPSVR1-76TB	LR1-4U-IPSVR1-168TB (with 84TB DAS 4U Expansion)
LR1-3U-IPSVR1-9TB	LR1-4U-IPSVR1-42TB	LR1-4U-IPSVR1-80TB	
LR1-3U-IPSVR1-12TB	LR1-4U-IPSVR1-48TB	LR1-4U-IPSVR1-84TB	LR21-4U-IPSVR1-252TB (with 2x 84TB DAS 4U Expansion)
LR1-3U-IPSVR1-15TB	LR1-4U-IPSVR1-54TB		
LR1-3U-IPSVR1-18TB	LR1-4U-IPSVR1-60TB		
LR1-3U-IPSVR1-24TB	LR1-4U-IPSVR1-63TB		
LR1-3U-IPSVR1-30TB	LR1-4U-IPSVR1-68TB		
LR1-3U-IPSVR1-36TB	LR1-4U-IPSVR1-72TB		

## ● Specifications

Luxriot NVR Model	Luxriot Single CPU RAID-6 6TB-15TB Servers	Luxriot Single CPU RAID-6 18TB - 36TB Servers	Luxriot Single CPU RAID-6 39TB – 84TB (252TB 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 (6TB, 9TB, 12tb & 15TB)	3U (18TB, 24TB, 30TB & 36TB)	4U (39TB, 42TB, 48TB, 54TB, 60TB, 63TB, 68TB, 72TB, 76TB, 80TB, 84TB & up to 252TB w/ DAS Expansion Units)
	Intel Chipset		
<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>	1 Internal + 1 PCI Intel Gbit Ethernet 1000 Mbps LAN		
<b>DVD/CD RW</b>	Front Panel Access		External USB
<b>Storage</b>	Hot Swap 6TB-15TB Internal (SATA-6Gb/s/7200 RPM)	Hot Swap 18TB-36TB Internal (SATA-6Gb/s/7200 RPM)	Hot Swap 39TB-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>	(1) Intel i7-4770 Series		
<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"

## ● Optional Capture Boards

Capture Boards	
<b>HC7008</b>	FULL HEIGHT. 240FPS H.264 D1 at 30FPS/channel board PCI-X1, 64Bit Driver- 8 channels Video - 8 channels Audio - 1 video out - 1 Audio out - On board motion detection - NTSC/PAL
<b>HC7016X</b>	FULL HEIGHT. 480FPS H.264 D1 at 30FPS/channel board PCI-X1, 64Bit Driver- 16 channels Video - 16 channels Audio - 2 video out - 2 Audio out - On board motion detection - NTSC/PAL
<b>HC7032</b>	FULL HEIGHT. 960FPS H.264 D1 at 30FPS/channel board PCI-X1, 64Bit Driver- 32 channels Video - 32 channels Audio - 2 video out - 2 Audio out - On board motion detection - NTSC/PAL
<b>HC7004 (SDI MEGAPIXEL HDCCTV)</b>	FULL HEIGHT. 120FPS H.264 1080P 30FPS/channel board PCI-X1, 64Bit Driver- 4 channels Video - On board motion detection - NTSC/PAL - up to four boards per machine.

- Luxriot 3U 6-15TB Detailed



- Luxriot 3U 18-36TB Detailed



- Luxriot 4U 39-84TB Detailed



- DAS 16 Bay Storage Unit Detailed



- DAS 24 Bay Storage Unit Detailed

