

Luxriot NVR Single RAID-6 Series are optimized and designed to work with Luxriot VMS for sensitive data storage of IP/Megapixel 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 8 to 126TB (DAS up to 378TB)
- Hot Spare Drive Included
- 128 Bit/2GB Video Adapter with HDMI & DVI outputs
- Adaptec 6Gb/s Mini SAS 2.0 PCIe Raid Controller with 4GB NAND Flash Memory
- 16GB 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-IPSVR1-8TB		LR1-4U-IPSVR1-52TB	LR1-4U-IPSVR1-108TB	LR1-4U-IPSVR1-252TB (with 84TB DAS 4U Expansion)	
LR1-3U-IPSVR1-12TB		LR1-4U-IPSVR1-56TB	LR1-4U-IPSVR1-120TB		
LR1-3U-IPSVR1-16TB		LR1-4U-IPSVR1-64TB	LR1-4U-IPSVR1-126TB	LR21-4U-IPSVR1-378TB (with 2x 84TB DAS 4U Expansion)	
LR1-3U-IPSVR1-20TB		LR1-4U-IPSVR1-72TB			
LR1-3U-IPSVR1-24TB		LR1-4U-IPSVR1-80TB			
LR1-3U-IPSVR1-32TB		LR1-4U-IPSVR1-84TB			
LR1-3U-IPSVR1-40TB		LR1-4U-IPSVR1-90TB			
LR1-3U-IPSVR1-48TB		LR1-4U-IPSVR1-102TB			

• 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
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 (8TB, 12TB, 16tb & 20TB)	3U (24TB, 32TB, 40TB, 48TB & 52TB)	4U (56TB, 64TB, 72TB, 80TB, 84TB, 90TB, 102TB, 108TB, 120TB, 126TB & up to 378TB w/ DAS Expansion Units)
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	1 Internal + 1 PCI Gbit Ethernet 1000 Mbps LAN		
DVD/CD RW	Front Panel Access		External USB
Storage	Hot Swap 8TB-20TB Internal (SATA-6Gb/s7200 RPM)	Hot Swap 24TB-52TB Internal (SATA-6Gb/s7200 RPM)	Hot Swap 56TB-126TB 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/2GB (HDMI/DVII/VGA)		
CPU	(1) Intel i7-4790 Series		
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"

• Optional Capture Boards

Capture Boards	
HC7008	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
HC7016X	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
HC7032	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
HC7004 (SDI MEGAPIXEL HDCCTV)	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

