

Luxriot NVR Single RAID-5 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-5 Servers

Features:

- RAID-5 Network Video Recorder (NVR) Server
- Advanced Intel Core i7 Processor & chipset optimized for HD video
- Internal Hot Swappable HDD configurations from 4 to 63TB (DAS up to 144TB)
- 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-IPSVR1-4TB	LR1-3U-IPSVR1-16TB	LR1-4U-IPSVR1-32TB	LR1-4U-IPSVR1-54TB	LR1-4U-IPSVR1-90TB (with 28TB DAS 3U Expansion)
LR1-3U-IPSVR1-6TB	LR1-3U-IPSVR1-20TB	LR1-4U-IPSVR1-36TB	LR1-4U-IPSVR1-60TB	
LR1-3U-IPSVR1-8TB	LR1-3U-IPSVR1-24TB	LR1-4U-IPSVR1-40TB	LR1-4U-IPSVR1-63TB	LR1-4U-IPSVR1-118TB (with 2 x 28TB DAS 3U Expansion)
LR1-3U-IPSVR1-10TB	LR1-3U-IPSVR1-28TB	LR1-4U-IPSVR1-42TB		
LR1-3U-IPSVR1-12TB		LR1-4U-IPSVR1-48TB		LR1-4U-IPSVR1-146TB (with 3 x 28TB DAS 3U Expansion)

● Specifications

Luxriot NVR Model	Luxriot Single CPU RAID-5 4TB - 12TB Servers	Luxriot Single CPU RAID-5 16TB - 28TB Servers	Luxriot Dual CPU RAID-5 32TB – 63TB (146TB w/ DAS) Servers
Power Supply	(3) 650W PS (Redundant)	(2) 820W PS (Redundant)	(2) 960W PS (Redundant)
Form Factor	3U (4TB, 6TB, 8TB, 10TB & 12TB)	3U (16TB, 20TB, 24TB, & 28TB)	4U (32TB, 36TB, 38TB, 40TB, 42TB, 48TB, 54TB, 60TB, 63TB & up to 146TB w/ DAS Expansion Units)
	Intel DP67 Extreme Series 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 80GB Intel SSD		
NIC	1 Internal + 1 PCI Intel Gbit Ethernet 1000 Mbps LAN		
DVD/CD RW	Front Panel Access		External USB
Storage	Hot Swap 4TB-12TB Internal (SATA-6Gb/s/7200 RPM)	Hot Swap 16TB-28TB Internal (SATA-6Gb/s/7200 RPM)	Hot Swap 32TB-44TB Internal (SATA-6Gb/s/7200 RPM)
Raid Controller	(1) 6 Gb/s mini SAS 2.0 PCIe Interface Gen 2 host connection. It offers up to 60% higher sustained sequential throughput than previous generation controllers. Includes 4GB of NAND flash memory which offers Zero-Maintenance cache protection that eliminates (BBUs)		
Chassis / Backplane	8 Port SATA / (1) 6Gb/s mini SAS Port	16 Port SATA / (1) 6Gb/s mini SAS Port	24 Port SATA / (1) 6Gb/s mini SAS Port
Graphics Card	128 bit/1GB (HDMI/DVII/VGA)		
CPU	(1) Intel Core i7 2600 Series (2 nd Gen)		
RAM	8GB 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 12TB Detailed



- Luxriot 3U 16-28TB Detailed



- Luxriot 4U 32-63TB Detailed



- DAS Storage Unit Detailed

