

## ENTERPRISE Level NVR RAID SERVERS

**TWO X 56xx+ Intel Xeon processor SIX Core XEON CPU, SOLID STATE HARD DRIVE INTEL SSD 80G DRIVE for OS. Designed for robust high-performance computing**

**INTEL Board for Dual CPU- 3 x Gb Ethernet - 8GB ECC fully buffered Ram (option to 32G) - Hot Swap HD's - Raid5 configuration on data drives - Includes an ADDITIONAL HOT SPARE DRIVE for extra redundancy - Hardware Raid with BBU - OS WIN7 PRO 64BIT - 128BIT video card PCIX 1GB RAM - HOT SWAP Redundant Power Supplies - option from 8 to 32 analog inputs + option to Unlimited IP cameras.**



The LuxRiot NVR RAID 5 or RAID 6 servers deliver enterprise-class RAID reliability High performance scalable solution while maintaining significant cost savings. All servers come preconfigure with LuxRiot VMS server and client software. Utilizing LuxRiot client and its powerfull features you can have virtually unlimited storage grouping unlimited LuxRiot servers and cameras in one simple and easy to use interface. • **Operating system & Luxriot server application on 80GB SSD**

**PART#**

LR-3U-XSVR2-12TB	<i>3U SERVER, 12TB (HOT-SWAP RAID5) 8 bay Hot Swap Chassis with 8 port Raid5. Total of 8 x 2TB drives. (WxDxH): 16.9 x 26 x 5.2 inch / 422 x 660 x 132 mm. PS 3 x 650W</i>
LR-3U-XSVR-16TB	<i>3U SERVER, 16 TB (HOT-SWAP RAID5) 16 bay Hot Swap Chassis with 16 port Raid 5 Total of 10 x 2TB drives.(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm. PS 2 x 750W</i>
LR-3U-XSVR-20TB	<i>3U SERVER, 20TB (HOT-SWAP RAID5) 16 bay Hot Swap Chassis with 16 port Raid 5 Total of 12 x 2TB drives.(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm. PS 2 x 750W</i>
LR-3U-XSVR-24TB	<i>3U SERVER, 24TB (HOT-SWAP RAID5) 16 bay Hot Swap Chassis with 16 port Raid 5 Total of 14 x 2TB drives.(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm. PS 2 x 750W</i>
LR-3U-XSVR-26TB	<i>3U SERVER, 26TB (HOT-SWAP RAID5) 16 bay Hot Swap Chassis with 16 port Raid 5 Total of 16 x 2TB drives.(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm. PS 2 x 750W</i>
LR-4U-XSVR-32TB	<b>4U SERVER, 32 TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 18 x 2TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>
LR-4U-XSVR-36TB	<b>4U SERVER, 36TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 20 x 2TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>
LR-4U-XSVR-40TB	<b>4U SERVER, 40TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 22 x 2TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>

LR-4U-XSVR-42TB	<b>4U SERVER, 42TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 23 x 2TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>
LR1-4U-IPSVR1-48TB	<b>4U SERVER, 48TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 18 x 3TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>
LR1-4U-IPSVR1-54TB	<b>4U SERVER, 54TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 20 x 3TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>
LR1-4U-IPSVR1-60TB	<b>4U SERVER, 60TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 22 x 3TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>
LR1-4U-IPSVR1-63TB	<b>4U SERVER, 63TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 23 x 3TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W</b>
LR1-4U-IPSVR1-90TB (with 28TB DAS 3U Expansion)	<b>4U SERVER, 90TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 23 x 3TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W. With 28TB DAS EXPANSION RAID5 + HOT SPARE</b>
LR1-4U-IPSVR1-118TB (with 2 x 28TB DAS 3U Expansion)	<b>4U SERVER, 118TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 23 x 3TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W. With 2 x 28TB DAS EXPANSION RAID5 + HOT SPARE</b>
LR1-4U-IPSVR1-146TB (with 3 x 28TB DAS 3U Expansion)	<b>4U SERVER, 146TB (HOT-SWAP RAID5) 24 bay Hot Swap Chassis with 24 port Raid 5. Total of 23 x 3TB drives. (WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm. PS 2 x 900W. With 3 x 28TB DAS EXPANSION RAID5 + HOT SPARE</b>

Part#	Dimensions/Redundant Power supply
LR-3U-IPSVR-12TB	(WxDxH): 16.9 x 26 x 5.2 inch / 422 x 660 x 132 mm 3x650W
LR-3U-IPSVR-16TB	(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm 2x750W
LR-3U-IPSVR-20TB	(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm 2x750W
LR-3U-IPSVR-24TB	(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm 2x750W
LR-3U-IPSVR-26TB	(WxDxH): 17.2 x 25.6 x 5.2 inch / 437 x 650 x 132 mm 2x750W
LR-4U-IPSVR-32TB	(WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm 2x900W
LR-4U-IPSVR-36TB	(WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm 2x900W
LR-4U-IPSVR-40TB	(WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm 2x900W
LR-4U-IPSVR-42TB	(WxDxH): 17.2 x 26 x 7 inch / 437 x 660 x 178 mm 2x900W

CPU	<b>2 x Quad core Xeon 5645 (option to higher cpu)</b>
Mainboard	<b>Intel Board Up to 2 Xeon® processors 5500 or 5600 series</b>
Memory	<b>8GB ECC fully buffered Ram</b>
NIC	<b>3 x Gigabit Nic (2 x Embedded dual port Intel® 82575EB Gigabit Ethernet Controller with Intel® Virtualization Technology) One Gigabit add on included.</b>
USB Ports	8 USB Porst 2.0
Hard Drives	7200RMPS with 64MB
Video	128Bit with 1GB mem. One VGA, One HDMI, One DVI
Keyboard&Mouse	USB Keyboard and mouse
DVDRW	In the front panel for The 3u raid servers. In the back for the 4U.
O.S.	Win 7 64BIT (optional Win 2008 )

Warranty	3 years on parts
Raid	Raid 5 Hardware add on controller with BBU
Power Input	Auto sensing for 110V AC and 220V AC
SSD	Optional SSD drive for OS.
Power supply	• Redundant Power Supplies
Slot types	<ul style="list-style-type: none"> <li>• 2 PCI Express* 2.0 x16 slot (x16 mechanical)</li> <li>• 1 PCI Express 1.0 x4 slot (x8 mechanical shared with optional SAS module)</li> <li>• 1 PCI Express 1.0 x1 slot (x4 mechanical)</li> <li>• 1 PCI 32/33 5V slot</li> </ul>
Bays	Hot swap bays Hot-swap and hot-spare support for data availability
Cooling	multiple hot swap internal cooling fans

**OPTIONAL UPGRADES:**

Additional options include Raid1 For OS  
 UPGRADE to Win 2008 Server 64BIT OS  
 Upgrade Memory up to 32GB Ram  
 The above servers can be customized according to your project specification.

\*\*For Custom configurations as Raid6, and raid1 for OS , detail specs and Pricing, please contact your LuxRiot representative or your local distributor.

Pictures and specifications are subject to change without prior notice