

LRS700

2-PROCESSOR SOCKET 2U HIGH-CAPACITY RACK SERVER

LRS700 is a 2-processor socket 2U high-capacity rack server offering an excellent balance of internal storage using HW RAID, redundancy, and value. LRS700 is ideal for customers needing large amounts of internal storage capacity or a multipurpose core application server such as remote sites, larger corporation departments, and small and medium businesses.



LRS500

1-PROCESSOR SOCKET 1U RACK SERVER

LRS500 is a high-performance, 1-processor socket 1U rack server with flexible computing power, business scalability, simplified management, data protection, and security options. LRS500 is an enterprise-class server with the right balance of performance and value.

| LRS700



| LRS500



LRS700 / LRS500

LRS700 SPECIFICATIONS

Features	LRS700D-K12	LRS700D-I12
Form Factor	2U Rack	2U Rack
Processors	Intel® Xeon® E5 2630 v3 processors	Intel® Xeon® E5 2630 v3 processors
Processor Sockets	2	2
Front Side Bus	Intel QuickPath Interconnect (QPI)	Intel QuickPath Interconnect (QPI)
Cache	20MB	20MB
Chipset	Intel C610	Intel C610
Memory	24 DIMM Slots - 32GB 2133 MHz	24 DIMM Slots - 32GB 2133 MHz
I/O Slots	5 x PCIe Gen 3x8	5 x PCIe Gen 3x8
RAID Controller	RAID 0,1,5,6,10,50,60 - 2GB Non-Volatile battery-backed cache	RAID 0,1,5,6,10,50,60 - 2GB Non-Volatile battery-backed cache
Drive Bays	Up to 12 hot-swap 2.5"/3.5" SAS, SATA or SSD drives in 12 hard drive chassis with 2 additional 2.5" internal cabled hard drives	Up to 12 hot-swap 2.5"/3.5" SAS, SATA or SSD drives in 12 hard drive chassis with 2 additional 2.5" internal cabled hard drives
Maximum Internal Storage		
Hard Drives	3.5" NL.SAS HDD (4TB x 12 ea)	3.5" NL.SAS HDD (4TB x 12 ea)
Communications	Onboard Quad Port Gigabit Ethernet Adapter	Onboard Quad Port Gigabit Ethernet Adapter
Power Supply	Two redundant 750 hot-plug power supplies	Two redundant 750 hot-plug power supplies
Availability	Hot-plug hard drives, hot-plug redundant power, ECC memory and redundant cooling (availability of some features dependent on chassis selected)	Hot-plug hard drives, hot-plug redundant power, ECC memory and redundant cooling (availability of some features dependent on chassis selected)
Video	Matrox® G200eW with 8MB memory	Matrox® G200eW with 8MB memory
Rack Support	ReadyRails™ sliding rails with optional cable management arm for 4-post racks (optional adapter brackets required for threaded hole racks); ReadyRails static rails for 2-post and 4-post racks	ReadyRails™ sliding rails with optional cable management arm for 4-post racks (optional adapter brackets required for threaded hole racks); ReadyRails static rails for 2-post and 4-post racks

* Exact products and specifications shown may vary by geographic region and are subject to change without notice. Actual products may differ from the images appearing in the catalog.

LRS500 SPECIFICATIONS

Features	LRS500D-K04	LRS500D-I04
Form Factor	1U Rack	1U Rack
Processors	Dual-core Intel Core® i3 processor 550 Clarksdale	Dual-core Intel Core® i3 processor 550 Clarksdale
Processor Sockets	1	1
Front Side Bus	-	-
Cache	4MB	4MB
Chipset	Intel 3420	Intel 3420
Memory	2GB DDR3 1333MHz	2GB DDR3 1333MHz
I/O Slots	2 PCIe G2 slots: One x 16 One x 8	2 PCIe G2 slots: One x 16 One x 8
RAID Controller	PERC S300 (software based)	PERC S300 (software based)
Drive Bays	4 hard drive chassis: 3.5" SAS and SATA or 2.5" SAS and SSD drives	4 hard drive chassis: 3.5" SAS and SATA or 2.5" SAS and SSD drives
Maximum Internal Storage	Up to 12TB	Up to 12TB
Hard Drives	3.5" SATA HDD (3TB x 4 ea)	3.5" SATA HDD (2TB x 4 ea)
Communications	Onboard Broadcom 5716 Dual Port Gigabit Ethernet Adapter, PCIe x2	Onboard Broadcom 5716 Dual Port Gigabit Ethernet Adapter, PCIe x2
Power Supply	Two hot-pluggable redundant 400W hot-plug power supplies	Two hot-pluggable redundant 400W hot-plug power supplies
Availability	Hot-plug hard drives, hot-plug redundant power supplies, DDR3 ECC memory, and quad-pack LED or an interactive LCD display screen	Hot-plug hard drives, hot-plug redundant power supplies, DDR3 ECC memory, and quad-pack LED or an interactive LCD display screen
Video	Matrox® G200eW with 8MB memory	Matrox® G200eW with 8MB memory
Rack Support	ReadyRails™ sliding rails with optional cable management arm for 4-post racks (optional adapter brackets required for threaded hole racks); ReadyRails static rails for 2-post and 4-post racks	ReadyRails™ sliding rails with optional cable management arm for 4-post racks (optional adapter brackets required for threaded hole racks); ReadyRails static rails for 2-post and 4-post racks

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The eco-friendly label is attached to those products which have passed LG Electronics' rigorous environmental criteria that evaluate 6 hazardous materials (lead, mercury, cadmium, etc.)

