

# LENOVO THINKSERVER RD450

Striking the perfect balance between processing power, storage capacity and value.



## MORE PERFORMANCE

The Lenovo® ThinkServer® RD450 boasts up to two of the latest Intel® Xeon® E5-2600 v3 Series processors. With up to 512GB of memory via 16 slots, there is a tremendous increase in capacity over the previous generation. Because the RD450 uses next-gen DDR4 memory, you get up to a 50 percent boost in performance and up to a 50 percent increase in power savings — enabling your applications to run faster and more efficiently. These improvements coupled with the RD450's highly flexible design make it perfect for your infrastructure, collaboration and line-of-business applications, as well as web serving or hosting.

## MORE STORAGE

The Lenovo ThinkServer RD450 offers flexible configuration options to create the right system for your needs. This server is ideal if you are a small-to-medium sized business because of its large, cost-effective storage capacity. Dual SD card options are also available to support hypervisor booting. The ThinkServer RD450 2.5-inch configuration leverages the Lenovo AnyRAID design, allowing the use of your choice of RAID adapter without taking up a PCIe slot. For more protection and performance, upgrade your ThinkServer RAID adapter for additional RAID levels and flash-backed cache.

## LESS TO MANAGE

A key feature of the RD450 and all ThinkServer systems is its use of open industry standards and protocols enabling seamless integration into your multi-vendor environment. That means you can use your existing management tools with the RD450 or feel free to try ours — many at no additional charge. The RD450 offers a suite of intuitive lifecycle tools that make management easy so you can focus on IT projects that drive your business. These new tools include configuration, deployment and power planning tools, as well as a tool for energy management.



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## SPECIFICATIONS

<b>FORM FACTOR/HEIGHT</b>	2U Rack
<b>PROCESSOR</b>	Up to two 12-core Intel Xeon E5-2600 v3 Series
<b>MEMORY</b>	Up to 512GB DDR4 – 2133 MT/s via 16 slots (RDIMM/LRDIMM)
<b>MEDIA BAYS</b>	1 x slim optical (except 24 x 2.5" configuration)
<b>DISK BAYS</b>	Up to 8 x 3.5" or up to 24 x 2.5"
<b>MAXIMUM INTERNAL STORAGE</b>	Up to 32TB 3.5" chassis or up to 28.8TB 2.5" chassis
<b>RAID SUPPORT</b>	ThinkServer RAID 110i AnyRAID (0/1/10, optional 5) <sup>1</sup> ThinkServer RAID RD450 510i AnyRAID (0/1/10, optional 5) ThinkServer RAID RD450 720i AnyRAID (0/1/10/5/50/6/60) ThinkServer RAID RD450 720ix AnyRAID (0/1/10/5/50/6/60) ThinkServer RAID 110i (0/1/10, optional 5) ThinkServer RAID 500 (0/1/10, optional 5/50) ThinkServer RAID 710 (0/1/10/5/50/6/60)
<b>POWER SUPPLY</b>	2 Redundant hot-swap 450W (80 PLUS Gold), 550W/750W/1100W (80 PLUS Platinum), 110V to 240V AC input 750W (80 PLUS Titanium), 200V to 240V AC input
<b>NETWORK INTERFACE</b>	2 x Integrated Gb Ethernet 1 x Integrated Gb Ethernet (Dedicated to ThinkServer System Manager)
<b>EXPANSION SLOTS</b>	1 CPU: 2 x PCIe Gen 3: HL/FH x8 2 CPUs: 1 x PCIe Gen 3: LP x16 2 x PCIe Gen3: HL/FH x8 3 x PCIe Gen3: LP x8
<b>COOLING</b>	3 Redundant fans with 1 processor or 4 redundant fans with 2 processors
<b>SYSTEMS MANAGEMENT</b>	ThinkServer System Manager Optional ThinkServer System Manager Premium
<b>OPERATING SYSTEMS SUPPORTED</b>	Microsoft Windows Server 2012 R2 (Including Hyper-V), Microsoft Windows Server 2012 (Including Hyper-V), Windows Server 2008 R2 with SP1 (Including Hyper-V), SUSE Linux Enterprise Server, Red Hat Enterprise Linux Server, VMware ESXi
<b>DIMENSIONS (W x H x D)</b>	(482 mm x 87 mm x 783 mm) or (19.0" x 3.4" x 30.8")
<b>WEIGHT</b>	Starting at (16.0 kg) or (35.3 lbs.)

<sup>1</sup> AnyRAID available on 2.5" chassis only

## OPTIONS

ThinkServer 8GB DDR4 – 2133 RDIMM 4X70F28589 Boost the capabilities of your ThinkServer and increase performance.	ThinkServer RD450 RAID 720i AnyRAID Adapter <sup>3</sup> 4XB0G45756 Safeguard your data and increase performance without using a PCIe slot	ThinkServer OCe14102-UX-L PCIe 10Gb 2 Port SFP+ CNA by Emulex 4XC0F28736 Leverage the bandwidth potential of your network and scale your I/O.
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For a complete list of options, visit [lenovoquickpick.com](http://lenovoquickpick.com)

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