

LENOVO THINKSERVER RD340

A highly efficient, 1U rack server loaded with built-in features at a great price



BALANCED PERFORMANCE

What does balanced performance mean? It means the Lenovo® ThinkServer® RD340 is loaded with features and packaged in a slim, 1U design. Up to two Intel® Xeon® E5-2400 v2 Series processors give you outstanding performance. With reliability features such as hot-swap hard-disk and solid-state drives, integrated RAID and redundant power and cooling, you get peace of mind that your data will stay safe and your system will stay up and running. This enterprise-class server packs in the computing power to run your demanding infrastructure, collaboration and line-of-business applications.

BUILT-IN VALUE

When you think of value in the server space, you expect a rich set of features for a great price. That's what you get with the ThinkServer RD340. It sports a dual-socket design and Intel Xeon processors with up to 10 cores each — giving you a 25 percent boost in performance over previous generations. You'll also find generous memory and storage capacity with support for up to eight hot-swap hard drives. That's 16TB of total storage. You'll enjoy enterprise tough performance with the right built-in features in a scalable, 1U power-efficient solution — at a budget-friendly price. Now that's value.

SMART POWER MANAGEMENT

Let the Lenovo Smart Grid power management tool help you save on power. Monitor real-time power data based on parameters you define and receive alerts based on custom power events. Smart Grid scales with you and can manage up to 1,000 nodes. It provides sophisticated, policybased, dynamic power capping functionality to help you better manage power to changing server workloads. It's smart technology that pays you back. In addition to Smart Grid, a suite of ThinkServer lifecycle management tools are available for your use at no additional charge.



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SPECIFICATIONS

FORM FACTOR/HEIGHT	1U Rack
PROCESSOR	Up to two 10-core Intel Xeon E5-2400 v2 Series
MEMORY	Up to 192 GB DDR3 – 1333 MT/s via 12 slots (LVRDIMM)
MEDIA BAYS	1 x slim optical (except 8 x 2.5" configuration)
DISK BAYS	Up to 4 x 3.5" hot-swap or up to 6 x 2.5" hot-swap or up to 8 x 2.5" hot-swap
MAXIMUM INTERNAL STORAGE	Up to 16 TB 3.5" chassis or up to 8 TB 2.5" chassis
RAID SUPPORT	Integrated ThinkServer RAID 300 (0/1/10, optional 5) ¹ Optional ThinkServer RAID 500 Adapter II (0/1/10, optional 5) Optional ThinkServer RAID 700 Adapter II (RAID 0/1/10/5/50/6/60) Optional ThinkServer RAID 710 Adapter (0/1/10/5/50/6/60)
POWER SUPPLY	Redundant hot-swap 550W (80 PLUS Gold)
NETWORK INTERFACE	2 x Integrated Gb Ethernet 1 x Integrated Gb Ethernet (shared with ThinkServer Management Module)
EXPANSION SLOTS	Up to 1 x PCIe Gen3: LP x8 (x4 electrical with 1 CPU) Up to 1 x PCIe Gen3: FH/HL x16
COOLING	6 Redundant fans
DIAGNOSTICS	Intelligent Diagnostics Panel
SYSTEMS MANAGEMENT	ThinkServer Management Module Optional ThinkServer Management Module Premium
OPERATING SYSTEMS SUPPORTED	Microsoft Windows Server 2012 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2008 R2, Microsoft Windows Server 2008, Microsoft Windows Small Business Server 2011, Novell SUSE Linux Enterprise Server, Red Hat Enterprise Linux Server, VMware ESXi, Citrix XenServer
DIMENSIONS (W X H X D)	(482 mm x 43 mm x 735 mm) or (19.0" x 1.7" x 28.9")
WEIGHT	Starting at (12.0 kg) or (26.5 lbs)

¹ VMware ESXi is not supported with ThinkServer RAID 300

OPTIONS

<p>ThinkServer 8GB DDR3L-1600 MHz LVRDIMM 0C19534</p> <p>Boost the capabilities of your ThinkServer and increase performance.</p>	<p>ThinkServer 2TB 7.2K 3.5" Enterprise SATA 6Gbps Hot-Swap Hard Drive 0A89475</p> <p>Choose hot-swap SATA drives for high performance at a low cost.</p>	<p>ThinkServer 550 Watt Gold Hot-Swap Redundant Power Supply 4X20E54689</p> <p>Increase availability by adding a hot-swap and redundant power supply.</p>
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For a complete list of options, visit lenovoquickpick.com

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To learn more about the Lenovo ThinkServer RD340, please contact your Lenovo Business Partner or visit shop.lenovo.com/us/en/servers/thinkserver/racks/rd340

