

# Breakthrough Value and Unbeatable Performance

Lenovo® Servers — the most open and reliable x86 platform



Your infrastructure is an opportunity — make the most of it

- Lenovo is rated No. 1 in reliability and customer satisfaction among all x86 manufacturers.<sup>1</sup>
- Precise engineering and smarter supply chains reduce solution costs without compromising quality or reliability.

1. ITIC Server and OS Reliability Survey, 2015 TBR Report, 2015



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From traditional everyday computing to the densest HPC workloads, the Lenovo Server portfolio has a solution for every data center challenge.

## Rack and Tower Servers

From critical legacy applications to mainstream enterprise data needs, our mainstream rack and tower server portfolio gives organizations better options for boosting performance where and when it's needed most — whether it's a crowded data center or crowded remote office.

## Mission-Critical Servers

For larger data center workloads, the agile system design of the System x mission-critical servers bring security, superior I/O, and bigger capacity in order to maximize data center readiness in the face of rapidly rising demands for advanced virtualization and performance architectures.

## Converged/Blades Solutions

Protect your IT investment with the blade designed to live for 10 years. When every millisecond counts, performance is everything. Lenovo Flex System™ integrates right-size blade compute, storage interconnect, network, with an extensible systems management engine, bringing the speed and availability today's cutting-edge applications require.

## Dense Computing Systems

For your most dense information workflows, the modular Lenovo high-density NeXtScale platform packs maximum compute power into a modular form factor that's designed for lightning-fast scalability and easy manageability at an appliance and network level, while vastly improving the OPEX of power and cooling.

For more information contact your Lenovo business partner or sales representative.

## End-to-End Data Center Solutions

You know the story — data is getting bigger, expectations are rising, and the data center is key to getting and staying ahead of these challenges. Luckily, IT decision-makers now have a better option for building a robust, resilient IT infrastructure. Lenovo System x and ThinkServer® combine unbeatable Intel® Xeon® processor performance with value that reduces the cost of your most critical functions.



System x3500 M5



System x3650 M5



System x3950 X6



Flex System Chassis



NeXtScale System M5

	RACK & TOWER	MISSION-CRITICAL	BLADES/CONVERGED	HIGH DENSITY
<b>Perfect for</b>	<p>General purpose server capabilities for organizations of all sizes</p> <ul style="list-style-type: none"> <li>• File and print sharing</li> <li>• Web hosting and content streaming</li> <li>• Collaboration and email</li> <li>• Entry virtualization</li> <li>• Low-end database</li> </ul>	<p>Large, single workloads that gain advantage by running on a single machine</p> <ul style="list-style-type: none"> <li>• Back-office applications</li> <li>• Virtualization and cloud</li> <li>• Data center hosting</li> <li>• Big data, business analytics, and data warehousing</li> <li>• Mission-critical scalable databases</li> </ul>	<p>Customers focused more on total cost of ownership and operational expenses</p> <ul style="list-style-type: none"> <li>• Data center applications</li> <li>• Back-office applications</li> <li>• HPC and high-performance database</li> <li>• Big data, data analytics, and data warehousing</li> </ul>	<p>Ideal for workloads where high performance and extreme compute density are required</p> <ul style="list-style-type: none"> <li>• Grid computing</li> <li>• Cloud computing</li> <li>• Data analytics</li> <li>• HPC</li> <li>• Data center infrastructure</li> <li>• Desktop virtualization</li> </ul>
<b>Key features</b>	<ul style="list-style-type: none"> <li>• Extreme hard drive density</li> <li>• Solid state drive support</li> <li>• Hot-swap and redundant power and cooling</li> <li>• GPU support</li> </ul>	<ul style="list-style-type: none"> <li>• Extreme performance and scalability</li> <li>• Tool-less, lid-less modular book design</li> <li>• Can be serviced and upgraded in the rack</li> </ul>	<ul style="list-style-type: none"> <li>• Great density with up to 8-socket nodes</li> <li>• Simpler system management</li> <li>• Higher performance networking choices</li> </ul>	<ul style="list-style-type: none"> <li>• Dense packaging, advanced cooling, and highly efficient power distribution</li> <li>• Water-cooled technology providing tremendous energy efficiency</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Reliable and expandable</li> <li>• Among the quietest servers in the industry with leading storage flexibility and capacity</li> </ul>	<ul style="list-style-type: none"> <li>• Easy manageability</li> <li>• Flexibility to grow infrastructure as technology needs dictate</li> <li>• Resilient to maximize application uptime</li> </ul>	<ul style="list-style-type: none"> <li>• Optimized for energy, space, and thermal efficiency</li> <li>• Unmatched scalability</li> </ul>	<ul style="list-style-type: none"> <li>• Maximum density</li> <li>• Easy to deploy with Lenovo's Intelligent Cluster Services</li> </ul>

Learn more about **Lenovo's portfolio of servers and how they can work for you.** Visit <http://solutions.lenovo.com/heart-of-the-datacenter/> for additional information.



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