

Lenovo System x3550 M5

Packed with performance and reliability to fuel any workload



Exceptional, Versatile Performance

The versatile 1U two-socket Lenovo System x3550 M5 rack server fuels almost any workload from infrastructure to Big Data with industry-leading reliability. It comes integrated with up to two Intel® Xeon® processors E5-2600 v4 series (44 cores per system), faster, energy-efficient TruDDR4 Memory, and up to 12 drives of storage. With 22 percent more cores per system than the previous generation and memory speeds up to 2400MHz, the x3550 M5 lets your workloads fly.

Industry-Leading Reliability

Lenovo servers have consistently achieved the highest reliability of all x86 servers, industry-wide. Predictive Failure Analysis and smart diagnostic tools facilitate reduced downtime and costs. Other high-availability features on the x3550 M5 include dual fan zones with redundant fans, as well as hot-swappable drives and power supplies.

Lenovo Trusted Platform Assurance, a built-in set of security features and practices, protects your hardware and firmware. You can also deploy self-encrypting drives using the optional IBM Security Key Lifecycle Manager.

Simplified Provisioning and Management

Centrally automate discovery, inventory tracking, real-time monitoring, configuration, fault detection, alert handling, and OS/hypervisor installation over the lifecycle of your servers with [Lenovo XClarity](#), a best-in-class enterprise management tool. A mobile option enables you to securely manage your systems from Android and iOS devices. XClarity integrators are available to extend virtualization systems such as VMware vCenter and Microsoft System Center to manage Lenovo hardware.

Reduced Costs

The x3550 M5 incorporates energy-smart features for minimized costs and efficient performance. Dual fan zones support operation in up to 40°C environments with no impact on reliability. The 80 PLUS® Titanium power supply units deliver 96 percent efficiency at 50 percent load. Lenovo XClarity Energy Manager is available to optimize your server power consumption.

Why Lenovo

Lenovo is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. Lenovo also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.



Lenovo System x3550 M5

Specifications

Form Factor/Height	1U Rack
Processor (max)/Cache (max)	Up to two Intel® Xeon® processors E5-2600 v4 series with up to 22-cores each/Up to 55MB per processor
Memory (max)	Up to 1.5TB – 2400MHz with 64GB TruDDR4 Memory LRDIMMs (RDIMM/LRDIMM)
Disk Bays	Up to 10 front and two rear 2.5-inch HDDs or SSDs, or up to four 3.5-inch HDDs
Maximum Internal Storage	Up to 46TB
RAID Support	12Gbps dedicated RAID slot with support for hardware RAID 0, 1, 10 with optional RAID 5, 50, 6, 60
Power Supply (std/max)	1/2 redundant 550W AC, 750W AC, 900W AC, 1500W AC, 900W DC 80 PLUS Platinum and 750W AC 80 PLUS Titanium (model dependent)
Hot-Swap Components	Power supplies, fan modules and HDDs/SSDs
Network Interface	1 x IMM and 4 x 1GbE (std.); optional 10/40GbE ML2 or PCIe adapter; Trusted Platform Module built-in
Expansion Slots	1 – 3 PCIe 3.0 slots and 1 dedicated RAID slot
USB Ports/VGA Ports	Up to 3 x USB 2.0 front, 2 x USB 3.0 rear, 1 x USB 2.0 internal/1 front (optional)/ 1 back
Energy-Efficiency	80 PLUS®, ENERGY STAR® (model dependent); up to 40°C operating temp; 2 fan zones with up to 8 fans
Systems Management	Lenovo XClarity Administrator with mobile option ; Lenovo XClarity Pro software bundle; Lenovo XClarity Energy Manager; IMM2.1; one IMM dedicated port and one shared; optional remote presence
Operating Systems (OS) Supported	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSphere - (optional USB Key or SD Media Adapter)
Limited Warranty	3-year customer replaceable unit and onsite limited warranty, next business day 9x5; upgrades available

Options

64GB TruDDR4 Memory (4Rx4, 1.2V) PC4-17000 PC4 2400MHz LP RDIMM 46W0840 Add more TruDDR4 Memory to accelerate performance	RAID Adapter for SD Media with VMware ESXi 5.5 U2 (2 SD Media, RAIDed) 00FP645 Pre-loaded SD Media adapter with VMware ESXi for bootable hypervisor	8TB 7,200rpm 6Gbps NL SATA 3.5-inch G2HS 512e HDD 00WH126 Optimize storage with high density and low cost per GB hard drives
---	---	--

For More Information

To learn more about the System x3550 M5, visit

lenovopartner.network.com/velocity

lenovopartner.network.com/ca/velocity

© 2016 Lenovo. All rights reserved.

Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC, 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, System x, ThinkServer are trademarks or registered trademarks of Lenovo. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Xeon and Xeon Inside are registered trademarks of Intel Corporation in the U.S. and other countries. Other company, product, and service names may be trademarks or service marks of others. Visit www.lenovo.com/lenovo/us/en/safecomp.html periodically for the latest information on safe and effective computing.



LYD03187-USEN-04