

# System x3550 M4

Compact, high-performance two-socket server for a wide range of business-critical workloads



## Optimized for performance, reliability and virtualization

The right choice when compromise is not an option, the System x3550 M4 blends outstanding uptime, performance and I/O flexibility with rock-solid reliability for business critical workloads, including cloud computing, virtual desktop, business analytics, high performance computing, and SAP. This compact rack server offers an energy-smart, easy-to-use solution with a pay-as-you-grow design to manage risks. With more computing power per watt, support for the latest Intel Xeon E5-2600 v2 series processors and advanced memory support, the x3550 M4 offers balanced performance and density. Ideal for a wide range of business-critical applications, including cloud computing and virtualization. Big things do come in small packages.

## Uptime for business-critical applications

With redundant and hot-swap fans, disks and power supplies, the x3550 M4 provides a resilient architecture ideal for business-critical applications. Predictive Failure analysis

and light path diagnostics proactively monitor the system's sub-components and provide advanced warning on power supplies, fans, VRMs, disks, processors and memory. Redundant, hot-swap components make it easy to replace failures without taking your system down. Light path diagnostics displays a visible warning light indicator on a failing component, allowing time for component replacement prior to failure and facilitating high availability.

## New management features

The Integrated Management Module 2 (IMM2) and Unified Extensible Firmware Interface (UEFI) give the x3550 M4 a consistent system-level code stack for superior setup, configuration and ease of use. Optional Feature on Demand (FoD) remote presence provides the ability to manage, monitor and troubleshoot from anywhere. Powerful tools can help you manage both physical and virtual resources.

Select configurations of the x3550 M4 are part of the Express Portfolio™, designed to meet the needs of small and mid-sized businesses. Models vary by country.



<b>Form factor/height</b>	1U Rack
<b>Processors (max)</b>	Up to two 12-core Intel Xeon E5-2600 v2 series processors
<b>Cache (max)</b>	30 MB per processor
<b>Memory (max)</b>	Up to 768 GB via 24 slots (UDIMM/RDIMM/LRDIMM)
<b>Media bays</b>	One optional ODD bay for 2.5-inch model
<b>Disk bays</b>	Eight 2.5-inch or three 3.5-inch hard disk drives (HDDs)
<b>RAID support</b>	Integrated 6 Gbps hardware RAID-0, -1, -10; optional RAID-5, -50 or -6, -60. Supports new 12 Gbps* RAID.
<b>Power supply (std/max)</b>	1/2 redundant 550 W AC, 750 W AC, or 750 W DC (model dependent)
<b>Hot-swap components</b>	Power supplies, fan modules and hard disk drives
<b>Network interface</b>	4 × 1 GbE (std.), 2 × 10 GbE embedded adapter (slotless opt.)/Trusted Platform Module
<b>Expansion slots</b>	2 PCIe 3.0 slots, optional 1 PCI-X
<b>USB ports</b>	2 (three for 3.5-inch model) front/4 back/1 internal
<b>VGA ports</b>	1 front/1 back
<b>Maximum internal storage</b>	Up to 12.8 TB (2.5-inch model) or 12 TB (3.5-inch model) SAS/SATA
<b>Energy-efficiency compliance<sup>†</sup></b>	80 PLUS® Platinum and ENERGY STAR® (model dependent) Compliance
<b>Systems management</b>	IMM2 with optional FoD remote presence, Predictive Failure Analysis, Diagnostic LEDs, light path diagnostics panel, Automatic Server Restart, IBM Systems Director Active Energy Manager™
<b>Operating systems supported</b>	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSphere
<b>Limited warranty</b>	3-year customer replaceable unit and onsite service, next business day 9x5, service upgrades available

## Options

<b>1.8 TB 10K 6 Gbps SAS 2.5" G2HS 512e HDD</b>  <b>00NA441</b>  Optimize density and performance with the latest 2.5" HDDs	<b>ServeRAID M5210 SAS/SATA Controller</b>  <b>46C9110</b>  Superior performance RAID with upgradeable flash backed write cache, up to 4 GB	<b>16 GB (1x16 GB, 2Rx4, 1.5V) PC3-14900 CL13 ECC DDR3 1866 MHz LP RDIMM</b>  <b>00D5048</b>  Add more memory to help improve the performance of all your workloads
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## Why System x

System x® 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. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

## For more information

To learn more about the System x3550 M4, visit: [ibm.com/systems/x](http://ibm.com/systems/x) or contact your Lenovo representative or Business Partner.

\* Available in 4Q 2013.

† Lenovo intends to qualify this product to the ENERGY STAR Computer Server requirements, but that will not be finalized until Lenovo submits the required information to the EPA and receives confirmation from the EPA that the product is qualified.

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