

# LENOVO SYSTEM x3650 M4

Business Critical two-socket 2U rack server

Lenovo™



## OPTIMIZED VIRTUALIZATION

The versatile Lenovo® System x3650 M4 blends outstanding uptime and performance for business-critical workloads, including cloud computing, virtual desktop and business analytics. The powerful server offers an energy-smart and easy-to-use rack solution with a pay-as-you-grow design to help manage risks. The server features more computing power per watt, Intel® Xeon® processors E5-2600 v2 series, advanced memory support, and greater disk capacity for businesses requiring ample storage. Additionally, as the first x86 server to achieve the TPC-C benchmark, virtualized (1 M TPM),<sup>1</sup> the x3650 M4 is optimized for cloud computing and virtualization applications.

## OUTSTANDING UPTIME

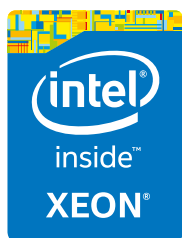
With redundant hot-swap fans, disks and power supplies, the x3650 M4 provides a resilient architecture for business-critical applications. Predictive Failure Analysis proactively monitors the system's sub-components and provides advanced warning. Redundant hot-swap components make it easy to replace 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) tools enable superior setup, configuration and ease of use. Optional Feature on Demand (FoD) remote presence provides the ability to manage and monitor from anywhere. Select configurations of the x3650 M4 are part of the TopSeller Portfolio™, designed to meet the needs of small and midsized businesses. Easy to manage, TopSeller models vary by country.

## WHY LENOVO

Lenovo is a 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.



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## SPECIFICATIONS

FORM FACTOR/HEIGHT	2U Rack
PROCESSOR/CACHE	Up to two 12-core Intel® Xeon® processors E5-2600 v2 series/Up to 30 MB per processor
MEMORY (MAX)	Up to 768 GB via 24 slots (UDIMM/RDIMM/LRDIMM/HyperCloud DIMM)
DISK BAYS/MEDIA BAYS	Sixteen 2.5-inch or six 3.5-inch HDDs or thirty-two 1.8-inch SSDs/Optional ODD and tape drive bay
RAID SUPPORT	Integrated 6 Gbps or new optional 12 Gbps hardware RAID-0, -1, -10 with optional RAID-5, -50, -6, -60.
POWER SUPPLY	1/2 redundant 550 W AC, 750 W AC, 900 W AC, or 750 W DC (model dependent)
NETWORK INTERFACE	4 × 1 GbE (std.), 2 × 10 GbE embedded adapter (slotless opt.)/Trusted Platform Module
EXPANSION SLOTS	4 - 6 PCIe 3.0 ports, optional 4 PCI-X or 2 double-width PCIe (for GPU)
USB PORTS \ VGA PORTS	2 front/4 back/2 internal \ 1 front/1 back
INTERNAL STORAGE	Up to 36 TB (3.5-inch model) or 25.6 TB (2.5-inch model) SAS/SATA
ENERGY-EFFICIENCY	80 PLUS® Platinum and ENERGY STAR® (model dependent) Compliance
SYSTEMS MANAGEMENT	IMM2 with optional FoD remote presence, Predictive Failure Analysis, Diagnostic LEDs, light path diagnostics panel, Automatic Server Restart
OPERATING SYSTEMS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware vSphere
LIMITED WARRANTY	3-year customer replaceable unit and onsite limited warranty, next business day 9x5, service upgrades available

<sup>1</sup> TPC-C Performance Benchmark, February 2013

## OPTIONS

<p><b>1.8 TB 10K 6 Gbps SAS 2.5" G2HS 512e HDD</b></p> <p><b>00NA441</b></p> <p>Optimize density and performance with the latest 2.5" HDDs</p>	<p><b>ServeRAID M5210 SAS/SATA Controller</b></p> <p><b>46C9110</b></p> <p>Superior RAID, with up to 4 GB flash backed write cache</p>	<p><b>16 GB PC3-14900 CL13 ECC DDR3 1866 MHz LP RDIMM</b></p> <p><b>00D5048</b></p> <p>Add more memory to increase workload performance</p>
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## FOR MORE INFORMATION

For more information about Lenovo, the Lenovo x3650 M4, or to contact a Lenovo representative or Business Partner visit:

[lenovo.com/systems/servers](http://lenovo.com/systems/servers).

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