Rock-solid, high-performance tower server for your most demanding applications

IBM System x3500 M2

Highlights

- ***High availability features and integrated systems management tools maximize uptime***
- ***Stability combined with flexible growth options delivers increased investment protection***
- ***The latest processor technology with superior energy-management and cooling efficiency***

Maintain peak performance and reliability

Designed to meet the highest levels of dependability, the IBM® System x3500 M2 delivers outstanding quad-core performance and availability to help keep mission-critical applications and virtualized environments up and running. Redundant components to reduce points of failure and light path diagnostics provide resiliency, while integrated support features like a remote presence key optimize systems management efficiency.

Protect IT investments over the long term

A long-life platform, the x3500 M2 provides exceptional stability in a volatile marketplace. Flexible configurations and a generous storage capacity enable emerging enterprise environments to meet the demands of today, and easily grow to accommodate additional applications as business requirements evolve.

Take processor technology to the next level

The x3500 M2 harnesses the benefits of the latest Intel® Xeon® quad-core technology, including faster processing, simultaneous multithreading and dynamic power management. It builds on standard technology to offer superior power efficiency and proactive manageability through built-in capabilities for monitoring, measurement and management of energy consumption.

Select configurations of the x3500 M2 are part of the IBM Express Advantage™ Portfolio, designed to meet the needs of mid-sized businesses. Easy to manage, Express models/configurations vary by country.

System x3500 M2 at a glance

Form factor/height	Tower/5U (rack-mountable)
Processor (max)	Intel® Xeon® X5570 up to 2.93 GHz and up to 8 MB cache
Number of processors (std/max)	1/2
Cache (max)	8 MB per processor socket
Memory[1] (max)	2 GB/128 GB max 1333 MHz DDR-3 registered DIMMs via 16 DIMM slots
Expansion slots	6 PCI-Express, 1 PCI, 2 PCI-X (optional—requires removal of 1 PCI-Express)
Disk bays (total/hot-swap)	16/16 (SFF) (8 standard with additional 8 available)
Maximum internal storage[1, 2]	4.8 TB hot-swap Serial Attached SCSI (SAS)
Network interface	Integrated dual Gigabit Ethernet
Power supply (std/max)	920 W 1/2
Hot-swap components	Power supply, fans and hard disk drives
RAID support	Integrated Hardware RAID-0, -1, -1E, optional RAID-5, -6, -10, -50, -60
Systems management	Automatic Server Restart; IBM Predictive Failure Analysis on hard disk drives, processors, voltage regulator modules (VRMs), fans and memory; light path diagnostics; integrated management module; remote presence; IBM Systems Director and IBM Systems Director Active Energy Manager™
Operating systems supported[3,4]	Microsoft® Windows®, Red Hat Enterprise Linux®, SUSE Linux Enterprise, VMware ESX and ESXi
Limited warranty[5]	3-year customer replaceable unit and onsite limited warranty

For more information

World Wide Web

U.S.	**ibm.com**/systems/x
Canada	**ibm.com**/systems/ca/en/servers/x/index.html

[2] When referring to storage capacity, GB = 1,000,000,000 bytes, and TB = 1,000,000,000,000 bytes. Accessible capacity is less.

[3] OS support and certification information can be found on the IBM ServerProven® Web site at **ibm.com**/servers/eserver/serverproven/compat/us/indexsp.html.

[4] Microsoft, Red Hat, Novell SUSE and/or VMware offerings are available for purchase with System x servers in most countries.

[5] IBM hardware products are made from new parts, or new and serviceable used parts. Regardless, our warranty terms apply. For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC 27709, Attn: Dept. JDJA/B203. IBM makes no representation or warranty regarding third-party products or services, including those designated as ServerProven.

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[1] Maximum internal hard disk and memory capacities may require the replacement of any standard hard drives or memory, and the population of all hard disk bays and memory slots with the largest currently supported drives available. When referring to variable speed CD-ROMs, CD-Rs, CD-RWs and DVDs, actual playback speed will vary and is often less than the maximum possible.

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