



Highlights

- Get higher performance per watt for greater cost efficiency
- Simplify management and serviceability with flexible design
- Maintain availability and lower risk through a resilient architecture



IBM System x3550 M3

Optimum computing performance in a compact design

Innovative technology in slim package

The IBM System x3550 M3 builds on the latest Intel® Xeon® processor technology with extreme processing power and superior energy-management and cooling features. With twice the performance of previous generations and a flexible, energy-smart design that integrates low-wattage components, the x3550 M3 can help you meet demanding workloads at a lower cost per watt.

Simplifying management and serviceability

The x3550 M3 offers a flexible, scalable design and simple upgrade path from four to eight hard disk drives. Comprehensive systems management tools such as advanced diagnostics and the ability to control resources from a single point make it easy to deploy, integrate, service and manage.

Reduce risk and maintain availability

Integrated with new 6 Gbps RAID adapters and double the I/O performance, the x3550 M3 provides a resilient architecture ideal for mission-critical applications as well as virtualization environments. Advanced memory support and greater disk capacity let you take advantage of higher processing speeds without sacrificing uptime.

Select configurations of the x3550 M3 are part of the IBM Express Advantage® Portfolio designed to meet the needs of midsize businesses. Easy to manage, Express® models and configurations vary by country.





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IBM Systems and Technology Group
Route 100
Somers, New York 10589

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¹ Available in 2Q 2011.



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IBM System x3550 M3 at a glance

Form factor/height	Rack/1U
Processor (max)	Up to two 3.46 GHz six-core (3.60 GHz four-core) Intel Xeon 5600 series processors with QuickPath Interconnect technology
Number of processors (std/max)	1/2
Cache (max)	Up to 12 MB L3
Memory (max)	192 GB DDR-3 RDIMMs via 18 DIMM slots or 48 GB DDR-3 UDIMMs via 12 DIMM slots
Expansion slots	2
Disk bays (total/hot swap)	Up to eight 2.5" hot-swap SAS/SATA HDDs or SSDs
Maximum internal storage	Up to 8.0 TB ¹ (hot-swap SAS/SATA)
Network interface	Integrated 2 ports, plus 2 ports optional Gigabit Ethernet
Power supply (std/max)	1/2; 460 W, 675 W, 675 W high efficiency or 675 W DC (model dependent)
Hot-swap components	Power supplies, fan modules, disks
RAID support	6 Gbps RAID -0, -1, -10 or 6 Gbps RAID -0, -1, -10, -5, -50 with 256 MB or 512 MB cache and additional option battery backup (model dependent)
NEBS 1/ETSI compliance	Equivalent compliance for both AC and DC power supply (model dependent)
Energy-efficiency compliance	Compliant with 80-PLUS® and ENERGY STAR® energy-efficiency standards (model dependent)
Systems management	IBM IMM with Virtual Media Key for optional remote presence enablement, Predictive Failure Analysis, Diagnostic LEDs, light path diagnostics panel, Automatic Server Restart, IBM Systems Director and IBM Systems Director Active Energy Manager™
Operating systems supported	Microsoft® Windows Server® 2008 R2 and 2008, Red Hat Enterprise Linux®, SUSE Linux Enterprise Server and VMware ESXi, Oracle Solaris 10 (model dependent)
Limited warranty	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