



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 midsized businesses. Easy to manage, Express™ models and configurations vary by country.





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¹ Maximum RDIMM support for 192 GB when 16 GB DIMMs are available 2Q 2010, and maximum UDIMM support for 48 GB when 4 GB DIMMs are available 2Q 2010.



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IBM System x3550 M3 at a glance

Form factor/height	Rack/1U
Processor (max)	Up to two 3.33 GHz six-core (3.46 GHz four-core) Intel Xeon 5600 series processors with QuickPath Interconnect technology, up to 1333 MHz memory access speed, supports select Intel Xeon 5500 series via configure to order
Number of processors (std/max)	1/2
Cache (max)	Up to 12 MB L3
Memory (max)	192 GB DDR-3 RDIMMs ¹ via 18 DIMM slots or 48 GB DDR-3 UDIMMs ¹ via 12 DIMM slots
Expansion slots	2
Disk bays (total/hot swap)	Up to eight 2.5" hot-swap Serial Attached SCSI (SAS)/Serial ATA (SATA) HDDs or solid-state drives (SSDs)
Maximum internal storage	Up to 4.0 TB hot-swap SAS or up to 4.0 TB hot-swap SATA or up to 400 GB hot-swap SSD storage
Network interface	Integrated 2 ports, plus 2 ports optional Gigabit Ethernet
Power supply (std/max)	1/2; 675 W each
Hot-swap components	Power supplies, fan modules, disks
RAID support	Hardware RAID-0, -1, -1E or RAID-0, -1, -10 (additional option RAID-5 with Self Encrypting Disk (SED) function) or RAID-0, -1, -10, -5, -50 with 256 MB or 512 MB cache (additional option RAID-6, -60 with SED function and additional option battery backup), model dependent
Systems management	IBM Integrated Management Module with Virtual Media Key for optional remote presence enablement, Predictive Failure Analysis, Integrated Service Processor, Diagnostic LEDs, light path diagnostics panel, Automatic Server Restart, IBM Systems Director and IBM Systems Director Active Energy Manager™, IBM ServerGuide
Operating systems supported	Microsoft® Windows Server® 2008 R2 and 2008, Red Hat Enterprise Linux®, SUSE Linux Enterprise Server and VMware ESXi 4.0 embedded hypervisor
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