

IBM System x3250 M2



Highlights

- **Maximize return on IT investments with low entry price, small form factor and less power consumption**
- **Manage risk with enhanced reliability features and full remote management**
- **Manage complexity of IT with greater flexibility to meet a wide range of stateless infrastructure needs**

The IBM System x3250 M2 is a 1U, single-socket server with power consumption, noise reduction and space optimizations that make it perfect for any business looking for a reliable, compact workgroup or departmental server that consumes low power, can be dedicated to a single application, and is priced right for your budget—now and in the future.

The right choice for your diverse needs

Designed for infrastructure applications like firewall, security, disaster recovery, name server, authentication, credit card processing, e-mail, domain controller and more, the x3250 M2 leverages the latest dual-core and quad-core processor technology, making it ideal for:

- *Large enterprise specialized applications*
- *SMB infrastructure workloads*

- *Branch office general purpose applications*
- *OEM appliance solutions*

Go green and save

An excellent appliance box, the x3250 M2 fits into about the same area as many Ethernet switches, enabling more efficient use of existing data center space. Quiet fans won't disturb your office environment. And since it plugs into a 110-volt outlet, you can deploy it anywhere.

Turn it on, close the door, and walk away

The x3250 M2 offers built-in reliability features such as redundant, hot-swappable fans, power supplies and HDDs. Mini-BMC2 and optional Remote Supervisor Adapter II SlimLine enable full remote manageability from a single console.

Select configurations of the x3250 M2 are part of the IBM Express Portfolio™, designed and priced to meet the needs of mid-sized businesses. Reliable and easy to manage, Express models/configurations vary by country.

IBM System x3250 M2 at a glance

Form factor/height	Rack/1U
Processor (CPU GHz/ L2 cache/ front-side bus MHz max)	Intel® Xeon® 3300 (quad-core) (up to 2.66 MHz/12 MB/1333 MHz) or Intel Xeon 3100 (dual-core) (up to 3.0 GHz/6 MB/1333 MHz) or Intel Core™ 2 Duo E4600 (up to 2.4 GHz/1 GB/800 MHz) or Intel Celeron® (up to 2.0 GHz/512 KB/800 MHz)
Number of processors (std/max)	1/1
Memory¹ (max)	1 GB standard/8 GB maximum 667 MHz via 4 DIMM slots
Expansion slots	1 PCI-Express (x8), 1 PCI-Express (x4)
Disk bays (total/hot-swap)	Two 3.5" simple-swap SATA, two 3.5" hot-swap SAS/SATA or four 2.5" hot-swap SAS hard disk drives
Maximum internal storage^{1,2}	1.5 TB SATA or 600 GB SAS
Network interface	Dual Gigabit Ethernet
Power supply (std/max)	350W 1/1
Hot-swap components	Hard disk drives
RAID support	Integrated hardware RAID-0, -1 standard; RAID-5 optional
Systems management	IPMI 2.0-compliant mini-BMC2, optional Remote Supervisor Adapter II SlimLine
Operating systems supported	Microsoft® Windows Server® 2003 Standard Edition/Enterprise Edition/Web Edition R2, Windows® Small Business Server 2003 R2, Red Hat Enterprise Linux® 5, SUSE Linux Enterprise Server 10, Novell NetWare 6.5
Limited warranty³	1-year or 3-year customer replaceable unit and onsite limited warranty

For more information

World Wide Web

US	ibm.com/systems/x
Canada	ibm.com/ca/en/systems/x

Buy Direct

US	1 888 SHOP-IBM
Canada	1 888 411-1WEB

¹ Maximum internal hard disk and memory capacities may require the replacement of any standard hard drives and/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.

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 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® or ClusterProven®.



© Copyright IBM Corporation 2008

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

Produced in the United States
January 2008
All Rights Reserved

This publication could include technical inaccuracies or typographical errors. This publication was produced in the United States. IBM may not offer the products, services or features discussed in this document in other countries, and the information may be subject to change without notice. References herein to IBM products and services do not imply that IBM intends to make them available in other countries. Consult your local IBM business contact for information on the product or services available in your area.

Information about non-IBM products is obtained from the manufacturers of those products or their published announcements. IBM has not tested those products and cannot confirm the performance, compatibility, or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

IBM, the IBM logo, ClusterProven, Express Portfolio, ServerProven, System x and Xtended Design Architecture are trademarks or registered trademarks of IBM Corporation in the United States, other countries or both. For a list of additional trademarks, visit ibm.com/legal/copytrade.shtml.

Intel, Xeon, Celeron and Core 2 Duo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries or both.

Microsoft, Windows and Windows Server are registered trademarks of Microsoft Corporation in the United States, other countries or both.

Other company, product and service names may be trademarks or service marks of others.