

IBM System x3200 M2



Highlights

- **Manage growth and risk with new technologies that deliver configuration flexibility, data protection and application performance**
- **Manage complexity with advanced monitoring capabilities that include integrated and remote management options**
- **Standard scalability and reliability features deliver high levels of system availability—at a value price**

The IBM System x3200 M2 is an affordable, single-socket tower server that offers more performance, configuration flexibility and availability features than many other servers in its class. From network infrastructure to distributed applications to front-end workloads, the x3200 M2 is designed to meet a wide range of business needs—and help you adapt to changing business requirements.

More configuration flexibility

For performance that fits your processing requirements, the x3200 M2 offers the latest quad-core or dual-core processors. Providing up to 3.0 TB of disk storage, you can configure up to eight 2.5" hot-swap SAS drives for

added flexibility and performance. Integrated slotless hardware RAID-0, -1 and internal tape backup support help protect your valuable data. Optional RAID-5 support is available for greater reliability, without consuming valuable adapter slots.

Integrated management capabilities

The x3200 M2 provides integrated systems management through its mini-BMC2. Upgrade to the Remote Supervisor Adapter II SlimLine card to manage distributed enterprise systems remotely.

Greater business value

A proven platform that delivers performance and reliability, the x3200 M2 helps enterprises minimize costs, better manage complexity and risk, and better protect system investments.

Select configurations of the x3200 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 x3200 M2 at a glance

Form factor/height	Tower/5U (rack mountable)
Processor (CPU GHz/L2 cache/front-side bus MHz max)	Intel® Xeon® (quad-core) up to 2.83 GHz/12 MB/1333 MHz or Intel Xeon (dual-core) up to 3.0 GHz/6 MB/1333 MHz
Number of processors (std/max)	1/1
Memory¹ (std/max)	512 MB up to 2 GB/up to 8 GB DDR II 667 MHz
Expansion slots	2 PCI (32-bit/33 MHz), 2 PCI-Express (x8, x1), optional PCI-X, dedicated Remote Supervisor Adapter II SlimLine slot, slotless hardware RAID-0, -1
Disk bays (total/hot-swap)	Four 3.5" simple-swap or hot-swap SATA, four 2.5"/3.5" hot-swap SAS or eight 2.5" hot-swap SAS hard disk drives (HDDs)
Maximum internal storage^{1,2}	Up to 1.17 TB Serial Attached SCSI (SAS) HDDs or up to 3.0 TB Serial ATA (SATA) HDDs
Network interface	Integrated Gigabit Ethernet
Power supply (std/max)	400W 1/1 or 430W hot-swap redundant 2/2 (model dependent)
Hot-swap components	Hard disk drives; power supplies (model dependent)
RAID support	Integrated hardware RAID-0, -1 and optional upgrade to RAID-5
Ports	Front: two USB; Rear: four USB, one Ethernet, two serial, one parallel, video and management Ethernet (for optional RSA II SlimLine)
Systems management	IPMI 2.0-compliant mini-BMC2, IBM Director, Alert Standard Format 2.0, IBM ServerGuide™, optional Remote Supervisor Adapter II SlimLine and optional Remote Deployment Manager
Operating systems supported	Microsoft® Windows Server® 2003 Standard Edition/Enterprise Edition, Windows® Small Business Server 2003, Red Hat Enterprise Linux®, SUSE Linux Enterprise Server, Novell NetWare, IBM OS 4690
Limited warranty³	1-year or 3-year customer replaceable unit and onsite limited warranty (model dependent)

For more information

U.S.	ibm.com/systems/x
Canada	ibm.com/ca/en/systems/x

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 2007

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, ServerGuide, ServerProven, System x and Wake on LAN 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 and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States, other countries or both.

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

Microsoft, Windows and Windows Server are trademarks or 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.