

Efficient, dense, 1U single-socket rack-optimized server for Web and infrastructure solutions



## IBM System x3250



---

### Highlights

---

- **Lower costs with ease of management, deployment and service**
- **Maximize and protect your IT investment with resiliency and flexibility**
- **A range of processor choices offering multiple levels of price/performance**

The IBM System x3250 is a single-socket server that is easy to deploy, manage and service. It provides outstanding performance and reliability at an entry-level price.

#### Simplified computing

The x3250 offers remote monitoring and alerting capabilities that provide strong systems management. In addition:

- *Simple-swap and hot-swap hard disk drives (HDDs) offer easy serviceability without removing the system from the rack*
- *Optional upgrade to the Remote Supervisor Adapter II SlimLine for remote management even when the server is powered down*

- *Integrated hardware RAID-0 or RAID-1 without using a slot (select models)*
- *Rack-optimized, 22" deep form factor with the ability to support up to four 2.5" SAS HDDs*

#### Performance, protection at entry-level price

Designed for high-performance, quad-core and dual-core 64-bit processors, the x3250 can optimize performance of your Web and network infrastructure. For a performance boost, choose models with Intel® Xeon® or Intel Pentium® D processors, while those running less demanding applications may prefer the Intel Celeron® processor.

Serial Attached SCSI (SAS) HDDs and PCI-Express ensure even greater integrated I/O performance and compatibility with next-generation devices for added long-term investment protection.

### Get it now

---

go to **ibm.com/systems/x** or call 1 888 **ShopIBM**

to buy direct or to locate an IBM reseller



## IBM System x3250 at a glance

<b>Form factor/height</b>	Rack (22" depth)/1U
<b>Processor</b> (L2 cache/CPU GHz/ front-side bus MHz max)	Intel Xeon (quad-core) (8 MB/up to 2.4 GHz/1066 MHz) or Intel Xeon (dual-core) (2 MB or 4 MB/up to 2.66 GHz/1066 MHz) or Intel Pentium Dual Core (1 MB/up to 1.8 GHz/800 MHz) or Intel Celeron (256 KB/2.93 GHz/533 MHz)
<b>Number of processors</b> (std/max)	1/1
<b>Memory</b> <sup>1</sup> (std/max)	512 MB or 1 GB/8 GB DDR II 667 MHz via 4 DIMM slots
<b>Expansion slots</b>	2 PCI-Express (x8) or 1 PCI-X 64-bit/133 MHz
<b>Disk bays</b> (total/hot-swap)	Up to two 3.5" simple swap Serial ATA or two 3.5" hot-swap Serial ATA or Serial Attached SCSI (SAS) hard disk drives, or four 2.5" hot-swap SAS
<b>Maximum internal storage</b> <sup>1,2</sup>	1.0 TB Serial ATA or 600 GB Serial Attached SCSI
<b>Network interface</b>	Dual Gigabit Ethernet
<b>Power supply</b> (std/max)	350W 1/1
<b>Hot-swap components</b>	Serial ATA and Serial Attached SCSI hard disk drives
<b>RAID support</b>	Integrated hardware RAID-0, -1 (model dependent) and RAID-5 optional
<b>Ports</b>	Front: two USB; Rear: serial, two USB, two Ethernet, video, mouse, keyboard
<b>Systems management</b>	IPMI 1.5-compliant mini-BMC, Automatic Server Restart, IBM Director, IBM ServerGuide™, Remote Deployment Manager, IBM Wake on LAN®, optional RSA II SlimLine
<b>Operating systems supported</b>	Microsoft® Windows Server® 2003 Standard Edition/Enterprise Edition/Web Edition, Windows® Small Business Server 2003, Red Hat Enterprise Linux®, SUSE Linux Enterprise Server, Windows 2000 Server and Advanced Server, Novell NetWare 6.5, Novell NetWare 6.5 Open Enterprise Server
<b>Limited warranty</b> <sup>3</sup>	1- or 3-year customer replaceable unit and onsite limited warranty

### For more information

U.S.	<a href="http://ibm.com/systems/x">ibm.com/systems/x</a>
Canada	<a href="http://ibm.com/ca/en/systems/x">ibm.com/ca/en/systems/x</a>

<sup>3</sup> 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

August 2007  
All Rights Reserved

This publication could include technical inaccuracies or photographic 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 products 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, ServerGuide, ServerProven, ServeRAID, System x, Xtended Design Architecture 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](http://ibm.com/legal/copytrade.shtml).

Intel, Celeron, Pentium and Xeon 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 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.

<sup>1</sup> 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 capacity 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.

<sup>2</sup> GB and TB = 1,000,000,000 and 1,000,000,000,000 bytes, respectively, when referring to storage capacity. Accessible capacity is less.