

Flexible 2-way server maximized for high availability in distributed environments



IBM @server xSeries 235



Highlights

- **Superior performance is driven by dual Intel®Xeon™ processors**
- **Extreme expandability supports more than 1.3TB' of storage**
- **Industry-leading, high-availability features help ensure maximum uptime**

In distributed computing environments, servers are spread across many locations, high availability is key and limited resources challenge IT management. Turn to a server that excels in distributed environments.

Superior performance

The IBM @server™ xSeries™ 235 delivers performance with Intel Xeon processors at 533MHz front-side bus speed and up to 12GB of DDR memory. These components deliver the superior power needed for businesses with branch or remote locations.

Expandability is key

The x235 delivers:

- *Up to nine hot-swap Ultra320 hard disk drives for data storage*
- *A full-high tape drive for fast backup of business-critical data*
- *Six PCI slots, including five PCI-X for flexibility and investment protection*
- *Six memory DIMM slots for expandability*

Highly available

The x235 features hot-swap, redundant power and cooling, integrated hard disk drive mirroring and Active PCI-X slots, helping ensure 24/7 server availability and data protection.

IBM Director complements the x235 availability features to help keep servers running. Also, the optional Remote Supervisor Adapter provides remote control of servers even if they're unresponsive.

Get it now

go to **ibm.com/eserver/xseries** or call 1 888 **ShopIBM** to buy direct or to locate an IBM reseller.



© Copyright IBM Corporation 2003

Printed in the USA

05-03

All Rights Reserved

IBM reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. References herein to IBM products and services do not imply that IBM intends to make them available in other countries. IBM makes no representations or warranties regarding third-party products or services. IBM PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions; therefore, this disclaimer may not apply to you.

IBM @server systems are assembled in the U.S., Great Britain, Japan, Australia and Brazil and comprise U.S. and non-U.S. components.

IBM, the IBM logo, the e-business logo, Alert on LAN, @server, HelpCenter, Predictive Failure Analysis, Wake on LAN and xSeries are trademarks of IBM Corporation in the United States and/or other countries.

Intel is a registered trademark and Xeon is a trademark of Intel Corporation. Linux is a registered trademark of Linus Torvalds.

Microsoft, Windows, Windows NT and the Windows logo are trademarks of Microsoft Corporation. Other product, company and service names may be trademarks or service marks of others.

¹ GB = 1,000,000,000 bytes and TB = 1,000,000,000,000 bytes when referring to storage capacity. Accessible capacity is less.

² For a copy of the IBM Statement of Limited Warranty, call 1 800 426-7378. Telephone support may be subject to additional charges. For onsite labor, IBM will attempt to diagnose and resolve the problem remotely before sending a technician.

xSeries 235 at a glance

Form Factor	5U tower with tower-to-rack kit
Processor	Intel Xeon processor up to 3.06GHz/533MHz front-side bus
Number of processors (std/max)	1/2
Cache (max)	512KB
Memory (std/max)	512MB/12GB PC2100 DDR Chipkill™
Expansion Slots	6 total/2 Active PCI-X
Disk bays (total/hot-swap)	6/6
Maximum internal storage	1.3TB ¹ Ultra320 SCSI
Network	Integrated 10/100/1000 Ethernet
Power supply (std/max)	1/2
Hot-swap components	Drives, power supply, fans and PCI-X slots
RAID support	Integrated RAID-1, optional RAID-5
Systems management	Automatic Server Restart; Predictive Failure Analysis on hard disk drives, processors, VRMs, fans and memory; Light Path Diagnostics; Integrated System Management Processor; optional Remote Supervisor Adapter; IBM Director, ServerGuide and optional Remote Deployment Manager
Operating systems supported	Microsoft® Windows® Server 2003, Windows® 2000/Advanced Server, Linux® (Red Hat, SUSE), Novell Netware 6.0, OS/2
Limited warranty²	3-year onsite limited warranty

For more information:

World Wide Web

U.S.	ibm.com/eserver/xseries
Canada	ibm.com/ca/eserver/xseries

Buy Direct

U.S.	1 888 SHOP IBM
Canada	1 888 SHOP IBM

Reseller locator and general information

U.S.	1 800 426-4968
Canada	1 800 426-2255