



IBM @server xSeries 336



Highlights

- **The latest Intel® Xeon™ Processors provide exceptional 32-bit performance and support Intel® Extended Memory 64 Technology (Intel® EM64T)**
- **Integrated system management processor and optional Remote Supervisor II SlimLine simplify administration with flexible levels of control**
- **New high availability features help improve system and application uptime**

Performance optimized for 32- and 64-bit environments

The IBM @server xSeries® 336 offers superb performance for demanding Web and collaborative applications. New support for 64-bit extensions through Intel® EM64T helps protect server investments by supporting both 32- and 64-bit applications. EM64T provides outstanding performance by allowing operating systems and applications to physically address more memory. To take advantage of this, the x336 supports eight DIMM slots for a maximum of 16GB¹ of DDR2 memory.

Enjoy improved manageability

The x336 offers advanced features that help simplify systems management. An integrated service processor and optional Remote Service Adapter II SlimLine offer complete, in-band local and remote management capabilities. IBM Director software provides an easy-to-use interface to manage groups of systems together.

Take advantage of greater ease of use

Advanced usability features on the x336 include new, optional hot-swap redundant power supplies to help reduce unplanned downtime. Hot-swap and redundant fans keep components cool and enable easy fan replacement without taking the server offline. In the event of a problem, a drop-down light path diagnostics panel enables administrators to troubleshoot often without opening the server. And Remote Deployment Manager helps simplify server installation by allowing you to remotely deploy hundreds of servers from a single console.

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xSeries 336 at a glance

Form factor/height	Rack/1U
Processor (max)	Intel® Xeon™ Processor up to 3.60GHz/800MHz front-side bus supports Intel® Extended Memory 64 Technology
Number of processors (std/max)	1/2
Cache (max)	Up to 1MB L2
Memory² (max)	512MB or 1GB/16GB ¹ PC2-3200 DDR2
Expansion slots	1 PCI-X (64-bit 100MHz) and 1 PCI-X (64-bit 133MHz) or 1 PCI-Express x8
Disk bays (total/hot-swap)	2/2 or 4/4
Maximum internal storage^{2,3}	293.6GB Ultra320 SCSI or 500GB simple-swap SATA
Network interface	Dual integrated 10/100/1000 Ethernet
Power supply (std/max)	585W 1/2
Hot-swap components	Power supply, fans, hard disk drives (select models)
RAID support	Integrated RAID-1, -1E, optional RAID-5
Systems management	Integrated Service Processor, Diagnostic LEDs, drop-down light path diagnostics panel, Automatic Server Restart, Alert Standard Format 2.0, optional Remote Supervisor Adapter II SlimLine, IBM Director, ServerGuide and optional Remote Deployment Manager
Operating systems supported	Microsoft® Windows® Server 2003, Windows 2000 Server/Advanced Server, Red Hat® Enterprise Linux® 3.0, SUSE LINUX Enterprise Server 8.0, TurboLinux Enterprise Server 8.0, Novell NetWare 6.5 and VMware™ ESX Server™ v2.1
Limited warranty⁴	3-year onsite limited warranty

For more information

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U.S.	1 800 426-4968
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¹ When 2GB PC2-3200 DIMMs are available.

² 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.

³ GB and TB = 1,000,000,000 and 1,000,000,000,000 bytes, respectively, when referring to storage capacity. Accessible capacity is less.

⁴ Visit ibm.com/pc/safecomputing periodically for the latest information on safe and effective computing.

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Produced in the USA

August 2004

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XSD00361-USEN-00