

Space efficient 4-way, 3U, rack-dense server for on demand enterprise applications



IBM *@server* xSeries 365



Highlights

- **Second-generation IBM Enterprise X-Architecture hardware delivers outstanding performance and availability**
- **Space-saving 3U design packs power to run resource-hungry applications while helping to reduce costs**
- **Remote-management capabilities help boost productivity and maintain high system availability**

High performance, low density

With high rack density and powerful manageability, the IBM *@server*® xSeries® 365 delivers leading price/performance and investment protection. Second-generation IBM Enterprise X-Architecture™ (EXA) design and Intel® Xeon™ Processors MP at up to 2.8GHz supply the power to drive mission-critical enterprise resource planning (ERP), databases and collaboration applications. Up to 32GB of memory¹ per system meets or exceeds requirements for resource-intensive applications.

Designed for up to 876GB² of internal storage¹, the x365 helps eliminate the need for external storage.

Outstanding reliability

With multiple component redundancies, the x365 helps avoid sources of hardware failure and can be clustered to overcome catastrophic events. New N+N power supplies provide redundancy and simplify rack-based installations. Beyond ordinary hot-swappable and redundant components, the x365 adds a third level of resiliency to its memory subsystem—mirroring capabilities that complement Memory ProteXion and Chipkill™ technologies.

Pay-as-you-grow scalability

The optional IBM RXE-100 Remote Expansion Enclosure enables cost-effective PCI and PCI-X expansion. Extraordinary I/O makes the x365 a cost-effective replacement for aging terminal serving equipment or expensive routers.

Comprehensive management

The integrated Remote Supervisor Adapter (RSA) II helps protect server availability through continuous system monitoring and delivers true remote management capability. In addition, IBM Director helps increase productivity while lowering training costs.



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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.

² GB and TB = 1,000,000,000 and 1,000,000,000,000 bytes, respectively, when referring to storage capacity. Accessible capacity is less; up to 3GB is used in service partition. Actual storage capacity will vary based upon many factors and may be less than stated.

³ Using 2GB DIMMs.

xSeries 365 at a glance

Form factor	Rack/3U
Processor	Intel® Xeon™ Processor MP at up to 2.8GHz
Number of processors (min/max)	1/4 or 2/4
Cache (max)	1MB or 2MB
Memory (std/max)	1GB/32GB or 2GB/32GB PC2100 DDR Chipkill™ ³
Expansion slots	6 slots (5 available) Active PCI-X with optional 12 PCI-X slots via RXE-100 Remote Expansion Enclosure
Disk bays (total/hot-swap)	6/6
Maximum internal storage	876GB (supports 36GB, 73GB and 146GB hard disk drives) ¹
Network	Integrated dual 10/100/1000 Ethernet
Power supply (std/max)	950W 1 or 2/2 hot-swap
Hot-swap components	Power supply, fans, hard disk drives and PCI-X adapters
RAID support	RAID-0/1 standard, RAID-5 optional
Systems management	Alert on LAN™ 2, Automatic Server Restart, IBM Director, IBM ServerGuide™, integrated Remote Supervisor Adapter II, Light Path Diagnostics (independently powered), Memory ProteXion, Predictive Failure Analysis® on hard disk drives, processors, VRMs, fans and memory, Wake on LAN®
Operating systems supported	Microsoft® Windows® Server 2003 (Standard and Enterprise editions), Red Hat Linux, SUSE LINUX, Caldera, Microsoft Windows 2000 Server, Microsoft Windows 2000 Advanced Server, Microsoft Windows 2000 Advanced Server with MSCS, VMware™ ESX Server™, Novell Netware and Citrix MetaFrame
Limited warranty⁴	1-year and 3-year onsite limited warranty ⁵

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

Warranty Information: 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.

⁵ Onsite service is available only for the replacement of select parts. For all other warranty repairs, IBM will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board or base cover. To determine the complete list of parts for which onsite service is available for a particular machine, contact your IBM representative. IBM will attempt to diagnose and resolve any problems remotely before sending a replacement part or technician. Telephone support may be subject to additional charges.

