

Leading technologies offer affordable power



IBM **@server** xSeries 220

Highlights

An affordable, power-packed system

Server availability features at a value price

Designed for ease of use

Fits into an office or rack environment at only 20" deep and 4U' high

Affordable power

The IBM **@server** xSeries 220 is packed with power to support file-and-print serving, workgroup productivity applications and e-commerce. To maximize your investment today and tomorrow, this server can scale up to two processors and 4GB of memory.

Reliable systems

Your xSeries 220 comes with the latest technologies to help keep your business up and running:

- Hot Swap technology allows you to replace hard drives without powering down the system.
- Automatic Server Restart (ASR) automatically restarts systems if necessary.
- Diagnostic LEDs light up to help locate and replace components.
- Optional Advanced System Management Adapter II allows you to manage your system remotely.

Ease of use

The xSeries 220 is designed for easy set up and deployment. Tool-free access to major internal components—such as processors, hard drives and expansion cards—makes service and upgrades quick and easy. Take advantage of management software to make your system easier to configure and manage, such as:

- LANClient Control Manager™ (LCCM) to reduce costs when installing multiple systems on the network
- ServerGuide® to simplify installation
- Netfinity Director™ to manage and control servers and PC assets
- Lotus® Domino™ and Microsoft® Exchange 2000 mail and messaging applications are also available



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xSeries 220 at a glance

Models	8645-21Y 8645-22Y	8645-2AX	8645-31Y 8645-32Y	8645-3AX	8645-41Y 8645-42Y	8645-4AX
Form factor/Height	Tower/Rack 4U					
Intel® Pentium® III processor	800MHz ²	800MHz	866MHz	866MHz	933MHz	933MHz
Number of processors (std/max)	1/2					
Level 2 cache (per processor)	256 full-speed					
Memory (std/max)	128MB up to 4GB					
I/O slots	5PCI (3x64-bit, 2x32-bit/33MHz)					
PCI disk controller	Ultra160 SCSI					
Bays	7 total (five 3.5", two 5.25")					
Hard disk drives	Non-hot swap	hot swap	non-hot swap	hot swap	non-hot swap	hot swap
Internal storage (max)	145.6GB ³					
RAID support	Optional					
Network	10/100 Ethernet					
I/O ports	2 USB, 2 serial, 1 parallel, keyboard, mouse, VGA					
CD-ROM/Diskette drive	48X-17X ⁴ IDE/1.44MB					
Power supply	330W					
Cooling fans	3					
Systems Management	Thermal, voltage, fan, memory, hard drive, monitoring and alerting, Asset Information, Wake On LAN enabled cable, PXE, Netfinity Director					
Predictive Failure Analysis® support	Hard drive					
Light Path Diagnostics™	Yes					
Advanced System Management Processor	Optional					
Operating systems tested	Microsoft Windows® 2000, Windows NT®, Novell NetWare, Linux®, SCO UnixWare, SCO OpenServer					
Software⁵	IBM Netfinity Director, IBM ServerGuide, Norton Antivirus, Lotus Domino					
Service, support and offerings	3 year limited warranty ⁶					
Options for your xSeries 220 server	Visit ibm.com/pc/us/accessories/eserver/xseries					

¹ A single U, or rack unit, is 1.75" or 44.5mm.

² MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

³ When referring to hard disk drive capacity, GB equals one billion bytes. Total user-accessible capacity may vary depending on operating environments.

⁴ Variable read rate. Actual playback speed will vary and is often less than the maximum possible.

⁵ Some software may differ from its retail version (if any) and may not include user manuals or all program functionality. Warranty, service and support for non-IBM products are provided directly to you by third parties, not IBM. IBM makes no representations or warranties regarding non-IBM products. For non-IBM software, applicable third-party software licenses may apply.

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