

Industry-leading performance and data protections technology
at an affordable price



IBM *@server* xSeries 220



Highlights

- **Dual processing power at an entry price**
- **Tool-free access for extreme ease-of-use**
- **Optional high-performance RAID controllers increase levels of availability and redundancy**
- **Fits into an office or rack environment at only 51cm (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 help maximize your investment today and tomorrow, this server can scale up to two processors and 4GB of memory.

Reliable systems

Your x220 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.

- ASR is a combination of hardware and software that allows an xSeries server to restart itself in the event of an operating system crash or a transitory hardware event.
- Diagnostic LEDs illuminate to help quickly identify components.
- Optional IBM Remote Supervisor Adapter allows you to manage your system remotely.

Ease of use

The x220, available in a standard tower model with rack option to accommodate any environment, gives you easy 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 easy to configure and manage, such as:

- LAN Client Control Manager™ (LCCM) to help reduce costs when installing multiple systems on the network.
- ServerGuide™ to simplify installation.
- Streamline business processes and increase customer data accessibility with industry-standard small business turnkey software bundles.

Get it now

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



xSeries 220 at a glance

Form factor/height	Tower/Rack 4U
Processor	Up to 1.4GHz*
Number of processors (std/max)	1/2
Cache (per processor)	Up to level 2 cache 512KB*
Memory (std/max)	128MB up to 4GB (HS models 256MB standard)
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	4 (3 hot-swap models)
Internal storage (max)	293.6GB ²
RAID support	Optional
Network	10/100 Ethernet
I/O ports	2 USB, 2 serial, 1 parallel, keyboard, mouse, VGA
CD-ROM/Diskette drive	48X-20X ³ IDE/1.44MB
Power supply	340W
Cooling fans	3
Systems Management	Thermal, voltage, fan, memory, hard drive, monitoring and alerting, Asset Information, PXE, IBM Director
Predictive Failure Analysis[®] support	Hard drive
Diagnostics LEDs	Yes
Advanced System Management Processor	Optional (IBM Remote Supervisor Adapter)
Operating systems tested	Microsoft [®] Windows [®] 2000, Windows NT [®] , Novell NetWare, Linux [®] , SCO UnixWare, SCO OpenServer
Software⁴	IBM Director, IBM ServerGuide, Norton Antivirus
Service, support and offerings	3-year limited warranty ⁵
Options for your xSeries 220 server	Visit ibm.com/pc/us/accessories/eserver/xseries

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¹ A single U, or rack unit, is 1.75" or 44.5mm.
² When referring to hard disk drive capacity, GB equals one billion bytes. Total user-accessible capacity may vary depending on operating environments. Maximum internal hard disk drive capacity assumes the replacement of any standard hard disk drives and the population of all hard disk drive bays with the largest currently supported drives available from IBM.
³ Variable read rate. Actual playback speed will vary and is often less than the maximum possible.
⁴ 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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