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

IBM *@*server **xSeries 220**

• 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 accommo-
date 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 busi-
ness turnkey software bundles.

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 envi-
ronment at only 51cm (20")
deep and 4U[1] 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.

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
Software[4]	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

*For specific model comparisons, visit our Web site at **ibm.com**.*

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