

*For small and medium-sized businesses:  
Industry-leading power at a great price*



## IBM Netfinity<sup>™</sup> 3500

### Highlights

#### **Priced-right power**

Fast, industry-standard Intel<sup>®</sup> Pentium<sup>®</sup> II processors up to 333MHz<sup>1,2</sup> with 512KB Level 2 cache can handle your business-critical applications effortlessly. Lotus<sup>®</sup> Domino<sup>®</sup> Server or Lotus Domino Intranet Starter Pack, cornerstones for your e-business applications, are included at no additional charge.

#### **Essential scalability**

IBM Netfinity 3500 servers are easy to install, configure and upgrade—up to 512MB ECC SDRAM system memory and 22.71GB<sup>3</sup> internal storage, plus two-way symmetric multiprocessing (SMP).

#### **Consummate control**

Manage your network resources virtually anywhere, anytime with IBM Netfinity Manager software and the optional IBM Advanced Systems Management Adapter.

#### **Acclaimed service and support**

90-day IBM Start Up Support at no extra charge, three-year limited on-site warranty<sup>4</sup> and TechConnect<sup>™</sup> for technical information and certification.

#### **Start smart. Grow fast.**

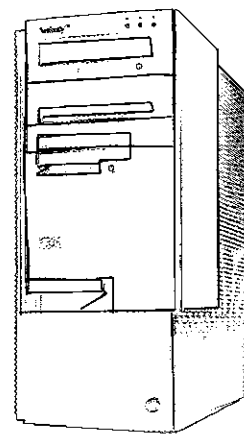
IBM Netfinity 3500 servers are the new generation, value-priced foundations for your networked computing and e-business needs today and into the future. And, remember this: You get virtually the very same service and support—which categorically differentiates IBM Netfinity servers from the competition—found in our larger systems.

power  
scalability  
control  
service

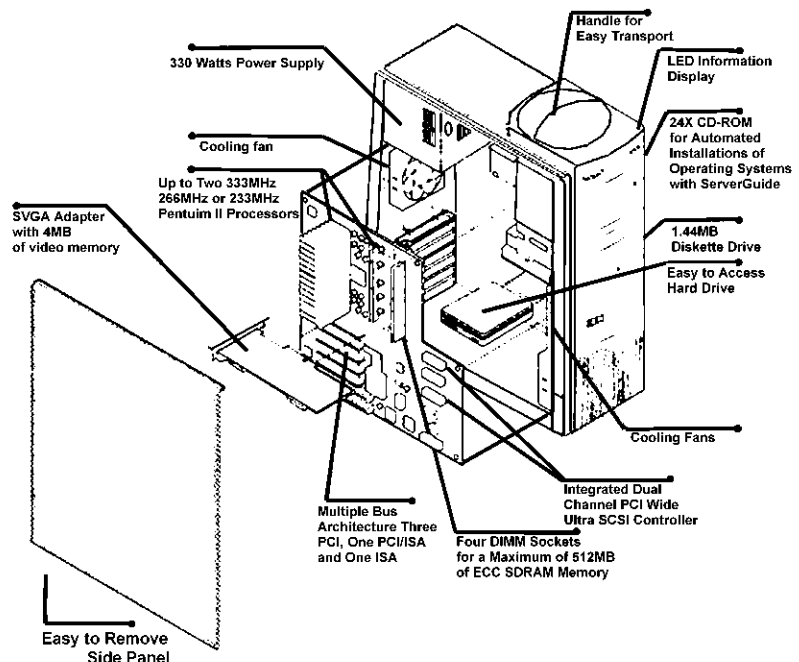
# Netfinity<sup>∞</sup> 3500

#### **Power and scalability that keeps pace with your business**

IBM Netfinity 3500 systems provide all the power growing small and medium-sized businesses with an eye on the budget need. If your company requires file-and-print serving, e-mail, shared Internet access and entry application serving, look no further.



*IBM Netfinity 3500 servers are the new generation, value-priced foundations for your networked computing and e-business needs today and into the future.*



*... Just better business*

Netfinity 3500 offers the latest Pentium II processors for optimum system performance. Standard ECC SDRAM memory can grow to a maximum of 512MB, satisfying the memory requirements of even the most demanding applications. Netfinity 3500 servers provide up to 22.71GB internal storage for your database applications. The dual channel Wide Ultra SCSI controller provides high-speed connection of peripheral devices to your system. As you grow, consider doubling your processor capability with a two-way SMP upgrade.

Further, the list of Netfinity 3500 power and scalability features includes the integrated 100/10 PCI Ethernet that joins forces with Lotus Domino Server or Lotus Domino Intranet Starter Pack to make your IBM Netfinity 3500 system network and Internet ready.

### Control your networked world

Award-winning IBM Netfinity Manager software, included at no additional charge, helps you plan capacity, increase system availability, manage system assets from local and remote locations and reduce support costs. S.M.A.R.T.<sup>®</sup> drives can increase system availability through Predictive Failure Analysis. When an alert is generated that a drive is in danger of failing, IBM will pre-emptively replace that drive to keep your system up and running. Additionally, environmental sensors alert you to heat and electrical current fluctuations.

Remote system management is enhanced even more with the optional Advanced Systems Management Adapter, which provides full remote control and troubleshooting.

If your network has IBM PC or IntelliStation clients with Wake on LAN capability, LANClient Control Manager (LCCM) can be used to power up these clients after regular working hours, install software or update BIOS, and then power them down. It's proactive, end-to-end network asset control at its best.

### Differentiation beyond technology:

**Strategic relationships.** As an integral part of our open system design, we work closely with industry leaders including Microsoft, Intel, Lotus, Oracle, Novell, SCO, SAP and Baan to optimize compatibility of our IBM Netfinity line with the leading-edge software products these companies offer. This results in integrated hardware/software server solutions for your business-critical networked systems.

#### IBM Netfinity 3500 at a glance

Models	8644-10U	8644-20U	8644-21U	8644-30U
<b>Form factor</b>	Tower	Tower	Tower	Tower
<b>Processor</b>	233MHz Pentium II	266MHz Pentium II	266MHz Pentium II	333MHz Pentium II
<b>Level 2 cache</b> (ECC/write-back)	512KB	512KB	512KB	512KB
<b>SMP upgrade*</b>	2-way	2-way	2-way	2-way
<b>Memory</b> <b>ECC SDRAM DIMM</b> (standard/maximum)	32MB/512MB	64MB/512MB	64MB/512MB	64MB/512MB
<b>Bus architecture</b>	PCI/ISA	PCI/ISA	PCI/ISA	PCI/ISA
<b>I/O slots</b>	3 PCI, 1 PCI/ISA, 1 ISA	3 PCI, 1 PCI/ISA, 1 ISA	3 PCI, 1 PCI/ISA, 1 ISA	3 PCI, 1 PCI/ISA, 1 ISA
<b>PCI disk controller</b> (2 channel/integrated)	Wide Ultra SCSI	Wide Ultra SCSI	Wide Ultra SCSI	Wide Ultra SCSI
<b>PCI RAID Adapter</b> (3 channel)	Optional	Optional	Optional	Optional
<b>Bays</b>	6	6	6	6
<b>Hard drive</b> (standard)	Open bay	Open bay	4.33GB	Open bay
<b>Maximum storage</b>	22.71GB	22.71GB	22.71GB	22.71GB
<b>Network</b>	100/10 Ethernet	100/10 Ethernet	100/10 Ethernet	100/10 Ethernet
<b>I/O ports</b>	2 serial; 1 parallel; video; 1 keyboard; 1 mouse; 2 USB; Wide Ultra SCSI			
<b>CD-ROM drive</b>	24X CD-ROM*	24X CD-ROM	24X CD-ROM	24X CD-ROM
<b>Floppy diskette drive</b>	1.44MB	1.44MB	1.44MB	1.44MB
<b>Power supply</b>	330W	330W	330W	330W
<b>Fans</b>	3/Airflow design	3/Airflow design	3/Airflow design	3/Airflow design
<b>Operating systems</b>	Microsoft Windows NT Server 4.0, Novell NetWare 3.12, Novell Intra/NetWare 1.0, SCO OpenServer, OS/2 Warp Server SMP			
<b>Software</b> (at no extra charge)	IBM Netfinity Manager (System management); Lotus Domino; IBM ServerGuide (installation support, utilities and drivers); IBM AntiVirus; APC PowerChute			
<b>IBM Start Up Support</b>	90-day toll-free telephone access to IBM HelpCenter for installation assistance with popular network operating systems, network cards and adapters, both IBM and non-IBM products			
<b>Other features</b>	Plug-and-Play BIOS support, key lock			
<b>Limited warranty</b>	3-year on-site	3-year on-site	3-year on-site	3-year on-site

\*On model 8644-30U, approved operating systems to be decided.

**Support and service.** IBM Netfinity 3500 systems come with:

- **IBM Start Up Support:** For the first 90 days of your warranty period, at no additional charge, you get expert help for IBM and selected non-IBM hardware and network operating systems.
- For the first three years, the *IBM International Warranty Service* provides on-site service. The IBM HelpCenter is a telephone call away, 24 hours a day, seven days a week.<sup>7</sup>
- **ServerGuide** provides all the current device drivers for easy Network Operating Systems, applications and options installation.
- **IBM TechConnect** is our server information and certification program for IT professionals.
- **ServerProven<sup>SM</sup>** for IBM Netfinity servers can help reduce configuration, integration, installation and setup costs by providing first-rate access to compatibility information.
- **IBM SystemXtra** underscores the total benefit of owning an IBM Netfinity 3500 system by combining hardware, software, services software and training, and convenient total-package financing. Plus, with the IBM SystemXtra Technology Exchange, you can update Netfinity server and other PC hardware after only two years.<sup>8</sup> If you qualify, it can all be yours for a single monthly payment.
- **Options by IBM** helps you add capacity and function to your IBM Netfinity 3500 server system.

**Exercise your options**

Options by IBM is the established way to add capacity and function to your Netfinity systems with a wide range of options from IBM. We've taken the challenge out of configuration, installation and setup by testing these options for compatibility with your IBM Netfinity 3500.

**The case for IBM**

So, why IBM? What other company has the depth of experience and the proven track record to produce total server solutions for your business? The first-rate hardware and software products, an exhaustive list of options plus world-class service and support? IBM—it's just better business.

**Need more information?**

**IBM Reseller and general information**

United States	1 800 426-7255 ext. 4752
Canada	1 800 465-3299

**IBM Fax Information Service**

United States	1 800 IBM-3395
Canada	1 800 465-3299
IBM Netfinity 3500	Doc # 43021

**World Wide Web**

Netfinity	<a href="http://www.us.pc.ibm.com/netfinity">www.us.pc.ibm.com/netfinity</a>
Server	<a href="http://www.us.pc.ibm.com/server">www.us.pc.ibm.com/server</a>
ServerProven	<a href="http://www.us.pc.ibm.com/compat">www.us.pc.ibm.com/compat</a>
Options by IBM	<a href="http://www.us.pc.ibm.com/options">www.us.pc.ibm.com/options</a>

<sup>1</sup> MHz only measures internal clock speed, not application performance. Many factors affect application performance.

<sup>2</sup> Availability of a 333MHz model with a maximum memory of 512MB is planned for the second quarter of 1998. At that time, option compatibility will be available by accessing the ServerProven compatibility page s at Web site [www.pc.ibm.com/us/compat](http://www.pc.ibm.com/us/compat).

<sup>3</sup> When referring to hard drive capacity, MB equals one million bytes and GB equals one billion bytes. Total user-accessible capacity depends on operating environment.

<sup>4</sup> For terms and conditions or copies of IBM's limited warranty, call 1 800 772-2227 in the U.S. Limited warranty includes International Warranty Service in those countries where this product is offered. Telephone support may be subject to additional changes.

<sup>5</sup> Self-Monitoring, Analysis and Reporting Technology.

<sup>6</sup> Variable read rate. Actual playback speed will vary and is often less than the maximum possible.

<sup>7</sup> Response time may vary.

<sup>8</sup> Subject to conditions.

IBM reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. References herein to IBM products and services do not imply that IBM intends to make them available in other countries. IBM PROVIDES THIS PUBLICATION AS IS WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR

IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties; therefore this disclaimer may not apply to you.

IBM Netfinity Servers are assembled in the U.S., Great Britain, Japan, Australia and Brazil and are comprised of U.S. and non-U.S. components.

The following terms are trademarks or registered trademarks of International Business Machines Corporation in the United States or other countries or both: IBM, IBM Netfinity, TechConnect, IntelliStation, Wake on LAN, LANClient Control Manager, IBM AntiVirus, HelpCenter, IBM Netfinity Manager, ServerProven and IBM SystemXtra.

Lotus, Lotus Domino and Lotus Domino Intranet Starter Pack are trademarks of Lotus Development Corporation. Microsoft and Windows NT are trademarks or registered trademarks of Microsoft Corporation. Intel and Pentium II are registered trademarks of Intel Corporation. Novell, NetWare and Intra/NetWare are trademarks or registered trademarks of Novell Corporation. SCO, OpenServer and UNIXWare are registered trademarks in the U.S. and other countries licensed exclusively through X/Open Company Limited. APC PowerChute is a registered trademark of American Power Conversion Corporation. SAP is a registered or unregistered trademark of SAP AG. Baan is a registered trademark of the Baan Company. Other company, product and service names may be trademarks or service marks of others.



©International Business Machines Corporation 1998

IBM Personal Systems Group  
Department MFZA  
3039 Cornwallis Road  
Research Triangle Park, NC 27709

Printed in the United States of America  
1-98  
All Rights Reserved



Printed on recycled paper containing 10% recovered post-consumer fiber.



G221-6131-00