IBM

IBM Netfinity 7000 M10

Highlights

Peak performance

Award-winning¹ system delivers extreme performance with beefed-up subsystems and the latest Intel[®] processors

Easy expandability

Twelve active PCI slots and easy storage growth

Extraordinary service

Superb overall value—IBM service and support help minimize downtime and maximize satisfaction

New!

Netfinity 99.9% Availability Guarantee Program²

A robust suite of required services from IBM Global Services wrapped around specific bounded clusters help you better avoid unplanned downtime

The power to drive success

Your enterprise is on the move—with e-business, server consolidation, business intelligence or enterprise resource planning. To meet these needs, the IBM Netfinity® 7000 M10 touts 12 Active PCI slots and expansive external storage capability. And for Internet access, messaging or collaboration, Lotus® Domino™ Application Server and five Lotus Notes® client licenses³ are included.

Reliability par excellence

Top-rated⁴ IBM Netfinity Manager[™] and the integrated Advanced System Management PCI adapter simplify management with proactive, remote control. Optional Chipkill Memory transparently corrects lost data if a DRAM chip fails. With Predictive Failure Analysis[®], Light-Path Diagnostics and hot-plug technology, you can spot and replace problem components without impacting system availability.

IBM service and support—one of the best values around

With the three-year, limited onsite IBM warranty⁵, 90-day IBM Start Up Support, technology-enabled services like Remote Connect, an extensive list of compatibilitytested ServerProven^{™,6} solutions, Options by IBM and flexible financing, you get excellent server performance backed by outstanding service.













August 1999

		Need more information?			Get Year 2000 Ready www.ibm.com/pc/year2000 (worldwide)	
IBM Netfinity 7000 M10 at a glance		www.ibm.com/netfinity		- w		
Models	8680-6RU	8680-7RU	8680-8RU	8680-1SY	8680-2SY	8680-3SY
Form factor	Rack with tow	er option				
Intel® Pentium® III Xeon® Processor	500MHz ⁷	500MHz	500MHz	550MHz	550MHz	550MHz
Number of processors (std/max)	1/4					
Level 2 cache	512KB	1MB	2MB	512KB	1MB	2MB
ECC memory (std/max)	256MB/8GB8					
I/O slots	12 Active PCI					
PCI disk controller	Integrated Dual Channel Wide Ultra SCSI					
Advanced System Management PCI adapter	Yes					
Light-Path Diagnostics	Yes					
Bays (total/hot-plug)	6/4					
Hard disk drive (standard)	Open bay					
Internal hot-plug storage (max)	72.8GB/1164.8	BGB				
RAID support	Optional					
Network	Optional					
I/O ports	2 serial, parallel, 2 USB, mouse, keyboard, video, 2XWide Ultra SCSI					
CD-ROM drive/Diskette drive	Up to 40X-17X ⁹ IDE/1.44MB					
Power supply (std/max)	2X400W/3X400W hot-plug and redundant					
Cooling fans	4 hot-plug and redundant					
Operating systems tested	Microsoft®Windows NT®, Novell® NetWare®, SCO UNIX®, OS/2®, Citrix®WinFrame™, Microsoft and Novell certified					
Software	IBM Netfinity Manager, IBM ServerGuide, Norton Antivirus™ (OEM version), Lotus Domino Application Server and five Lotus Notes collaboration client licenses					
Service, support and offerings	3-year limited onsite warranty, 90-day IBM Start Up Support, Update Connector, MoST Connect, Remote Connect, SystemXtra®, TechConnect®, Netfinity 99.9% Availability Guarantee Program					
Predictive Failure Analysis support	Hard disk driv	es, cooling fans, p	power supplies, m	emory and proc	cessor	

¹ Network Magazine awarded the Netfinity 7000 M10 "New Product of the Year" designation in May 1999.

² Available only on selected Netfinity servers that have completed Microsoft Cluster Server Certification as listed on the ServerProven Web site; program includes mandatory services from IBM Global Services. IBM reserves the right to change terms and conditions at any time, without notice. For more details, refer to www.pc.ibm.com/us/solutions/ netfinity/999guarantee.html or your IBM sales representative.

³ Domino Server offer valid until December 31, 1999 and may vary by model. Refer to Netfinity Web site for details.

- ⁴ Netfinity Manager had the top satisfaction marks according to the 1998 User Ratings Survey of PC Servers performed by Datapro as part of the GartnerGroup.
- ⁵ For terms and conditions or copies of IBM's Statement of Limited Warranty, call 1800 772-2227 in the U.S. and in Canada call 1800 426-2255. Limited warranty includes International Warranty Service in those countries where this product is offered. Telephone support may be subject to additional charges.
- ⁶ IBM makes no representations or warranties, express or implied, regarding non-IBM ServerProven products and services, and disclaims all such warranties including but not limited to Year 2000 readiness and the implied warranties of merchantability and fitness for a particular purpose. These products are offered and warranted solely by third parties.
- ⁷ MHz only measures internal clock speed, not application performance. Many factors affect application performance.
- ⁸ When referring to hard disk drive capacity, GB equals one billion bytes. Total user-accessible capacity may vary de-

pending on operating environments. Variable read rate. Actual playback speed will vary and is often less than the maximum possible.

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 in certain transactions; therefore, this disclaimer may not apply to you.

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

IBM, the e-business logo, Netfinity, Netfinity Manager, OS/2, Predictive Failure Analysis, ServerProven, SystemXtra and TechConnect are trademarks or registered trademarks of International Business Machines Corporation in the United States and/or other countries.

Intel, Pentium and Xeon are trademarks or registered trademarks of Intel Corporation. Lotus, Domino and Lotus Notes are trademarks or registered trademarks of Lotus Development Corporation. Microsoft, Windows, Windows NT and the Windows logo are trademarks or registered trademarks of Microsoft Corporation. Novell and NetWare are registered trademarks of Novell Corporation. UNIX is a registered trademark in the United



© International Business Machines Corporation 1999

IBM Personal Systems Group 3039 Cornwallis Road Research Triangle Park, NC 27709 Printed in the United States of America 8-99 All Rights Reserved

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

(\mathbf{i})

States and other countries licensed exclusively through X/Open Company Limited. Other company, product and service names may be trademarks or service marks of others.

G221-6179-03