Trim and easy to configure, with great performance and maximum scalability

IBM

IBM Netfinity 6000R

Highlights

Extra expandability
Industry-leading storage, memory and I/O features packed into a sleek 4U[1] design

Flexible four-way
Designed for high performance, fault tolerance and high availability

Enterprise or infrastructure serving
Superior workgroup or department server for e-commerce, application or database serving, groupware, messaging or clustering

Setting a high standard
The Netfinity® 6000R integrates leading technology for exceptional performance, availability and affordability:

- Up to four-way SMP using advanced Intel® Pentium® III Xeon™ processors
- Improved I/O speed and response with an integrated dual-channel Ultra160 SCSI controller and 66MHz[2] PCI slots
- Greater memory reliability with Chipkill™ Memory now using industry-standard PC100 SDRAM
- Enhanced fault tolerance and availability with onboard Light Path Diagnostics™
- Dynamic system expansion and increased availability with six Active™ PCI slots
- Convenient local or remote management via the Advanced System Management Processor and Netfinity Director™

Easy to configure
The 6000R offers tool-free serviceability for most major system components with cams and levers for quick removal and seating. For additional convenience, power supplies are located on the front of the server; the back has a recessed PCI notch for improved cable management. Plus, vital system data indicators are now easily visible with external Light Path Diagnostics and system status LEDs.

A valuable relationship
From system startup throughout its life cycle, whether you have a worldwide deployment or a lone server in your home office, IBM offers a wealth of flexible services and support offerings to help you find solutions to the IT challenges you face. With an IBM Netfinity server, you're never "on your own."

Netfinity∞

ⓔ business tools™

IBM Netfinity 6000R at a glance

Models	8682-1RY	8682-2RY	TBD
Form factor/height	Rack/4U[1]		
Intel Pentium III Xeon processor	700/100MHz[2]	700/100MHz	800/100MHz
Number of processors (std/max)	1/4		
Level 2 cache (per processor)	1MB	2MB	2MB
Chipkill Memory (std/max)	512MB/16GB		
I/O slots	6 Active PCI (3x64-bit 66MHz, 2x64-bit 33MHz, 1x32-bit 33MHz)		
PCI disk controller	Integrated dual-channel Ultra160 LVD SCSI		
Advanced System Management Processor	Integrated		
Bays	8 bays (6 hot-plug; 40X-17X[3] IDE CD-ROM drive; 1.44MB diskette drive)		
Internal storage (max)	109.2GB[4] (218GB w/optional 3-Pack Ultra160 hot-plug expansion kit)		
RAID support	Optional ServeRAID™-4H, -4M and -4L Ultra160 SCSI Adapters		
Network	10/100 Ethernet integrated		
I/O ports	2 serial, parallel, keyboard, mouse, 2 USB		
Power supply	270W (hot-plug and optional redundancy)		
Cooling fans	6 hot-plug and redundant		
Light Path Diagnostics	Yes; now visible with server cover closed		
Predictive Failure Analysis® support	Hard disk drives, processors, power supplies, fans and memory		
Operating systems supported	Microsoft® Windows NT®, Microsoft Windows® 2000 Server/Advanced Server, Novell® NetWare®, SCO UnixWare and Linux®		
Software[5]	IBM Netfinity Director, IBM Netfinity Manager™, IBM ServerGuide, Norton AntiVirus™ (OEM version) Lotus® Domino™ Application Server[6] with five Lotus Notes® collaboration client licenses and five client access licenses		
Service, support and offerings	3-year limited onsite warranty[7], IBM Server Start Up Support, Netfinity 99.9% Availability Guarantee Program[8] (optional), TechConnect®, Remote Connect, Update Connector		

[1] A single "U," or rack unit, is 1.75" or 44.45mm.
[2] MHz only measures microprocessor internal clock speed and front-side bus speed, not application performance. Many factors affect application performance.
[3] Variable read rate. Actual playback speed will vary and is often less than the maximum possible.
[4] When referring to memory or hard disk drive capacity, GB means one billion bytes. Total user accessible capacity may vary depending on operating environments.
[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.
[6] Domino Server offer valid until December 31, 2000 and may vary by model. Refer to Netfinity Web site for details.
[7] For terms and conditions or copies of IBM's Statement of Limited Warranty, call 1 800 772-2227 in the U.S. and in Canada, call 1 800 426-2255. Limited warranty includes International Warranty Service in those countries where this product is offered. Telephone support may be subject to additional charges.
[8] Available only on select Netfinity servers meeting predefined criteria, to include Netfinity 6000R, having completed Microsoft Cluster Server certification as listed on ServerProven™ Web site; IBM reserves the

right to change the terms and conditions of the program at any time, without notice. For more details, refer to **ibm.com**/pc/ww/netfinity/999guarantee.html or your IBM PSG sales representative.

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, Active PCI, Chipkill, the e-business logo, Light Path Diagnostics, Netfinity, Netfinity Director, Netfinity Manager, Predictive Failure Analysis, ServeRAID, ServerProven and TechConnect are trademarks of IBM Corporation in the United States and/or other countries.

Intel, Pentium and Xeon are trademarks of Intel Corporation. Linux is a registered trademark of Linus Torvalds. Lotus, Domino and Lotus Notes are trademarks of Lotus Development Corporation. Microsoft,