A 3U server engineered for business-critical reliability and scalability

IBM

IBM Netfinity 4500R

Highlights

Rack optimized
Slim and easy-to-use two-way capable server with scalability and manageability

Extra reliability
Packed with high-availability features for critical, around-the-clock operations

Versatile
Excellent choice for general business serving, Application Service Providers (ASPs) or constrained data centers

Thin and feature-rich

The Netfinity® 4500R incorporates a wealth of high-reliability and scalability features into a compact 3U[1] box. You'll find excellent cable management for the back, and direct access to critical components from the front—a real advantage in a densely packed data center environment. The 4500R is part of a comprehensive portfolio of rack-optimized Netfinity servers, racks and rack-mountable accessories.

Integrated 10/100 Ethernet and Advanced System Management Processor leaves room for up to six hot-plug hard disk drives, five PCI adapters and 4GB of memory. Plus, optional DLT tape backup is supported.

High availability

With the Netfinity 4500R, you get industry-leading systems management software and hardware for problem detection and avoidance, plus remote systems management. Innovative Light Path Diagnostics™, redundant and hot-replace components make maintenance painless.
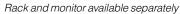
Multipurpose server

Compact. Highly reliable. Easy to use. Just what you need for general business serving such as file and print, workgroup applications, Web serving or e-commerce. ASPs will find the 4500R an excellent solution for Web hosting and Internet application hosting. And constrained data centers will welcome the practical packaging.

Netfinity

Rack and monitor available separately

e business tools

Need more information? ibm.com/netfinity	Options for your Netfinity 4500R server ibm.com/pc/us/accessories/netfinity	Reminders for Year 2000 Readiness ibm.com/pc/year2000 (worldwide)

IBM Netfinity 4500R at a glance

Models	8656-1RY	8656-2RY	8656-3RY	8656-4RY	8656-5RY
Form factor/height	Rack/3U				
Intel® Pentium® III processor	733/133MHz[2]	667/133MHz	800/133MHz	866/133MHz	933/133MHz
Number of processors (std/max)	1/2				
Level 2 cache (per processor)	256KB				
ECC SDRAM memory (std/max)	128MB/4GB				
I/O slots	5 PCI (3x64-bit, 2x32-bit)				
PCI disk controller	Integrated dual-channel Ultra160 SCSI				
Advanced System Management Processor	Integrated				
Bays	7 bays (3 slim-high hot-plug, 2 removable media, 24X-10X[3] IDE CD-ROM drive, 1.44MB diskette drive)				
Internal storage (max)	109.2GB[4] (218GB with 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, video, Ethernet, 2 USB				
Power supply	270W hot-plug and front access (optional second power supply for redundancy)				
Cooling fans	7 hot-plug and redundant				
Light Path Diagnostics	Yes				
Predictive Failure Analysis® support	Hard disk drives, processors, VRMs, fans and memory				
Operating systems supported	Microsoft® Windows NT®, Microsoft Windows® 2000 Server/Advanced Server, Novell® NetWare®, SCO UnixWare, Citrix WinFrame and Linux®				
Software[5]	IBM Netfinity Director™, IBM Netfinity Manager™, IBM ServerGuide™, Norton AntiVirus (OEM version), Lotus® Domino™ Application Server[6], five Lotus Notes® client licenses and five Lotus iNotes® client licenses				
Service, support and offerings	3-year limited onsite warranty[7], IBM Server Start Up Support, TechConnect®, Update Connector				

---

[1] A single "U," or rack unit, is 1.75" or 44.45mm.

[2] MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

[3] Variable read rate. Actual playback speeds may vary and are 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. 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.

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, Light Path Diagnostics, Netfinity, Netfinity Director, Netfinity Manager, Predictive Failure Analysis, ServeRAID, ServerGuide and TechConnect are trademarks of IBM Corporation in the United States and/or other countries.

Intel and Pentium are trademarks of Intel Corporation. Linux is a trademark of Linus Torvalds. Lotus, Domino, Lotus Notes and Lotus iNotes are trademarks of Lotus Development Corporation. Microsoft, Windows, Windows NT and the Windows logo are trademarks of Microsoft Corporation. Other company, product and service names may be trademarks or service marks of others.