



NAS 4100

Network  
Storage  
You Can Use



## MaxAttach NAS 4100 File Server

- Up to 320GB in 1U
- Windows, UNIX/Linux, NetWare and Macintosh file sharing
- NAS Powered by Windows operating system
- No per-client license
- RAID Levels 0, 1, and 5 data protection
- Dual 10/100 Ethernet ports
- Gigabit Ethernet port (320GB)
- ADS and NIS Support

*MaxAttach™ NAS 4100 from Maxtor is the most advanced network-attached file server in its class, the ideal solution for businesses that need “storage on demand” to meet a wide variety of needs. Optimized for one task, sharing information over networks, MaxAttach provides scalable storage you can manage with the tools you have now. From directory support to security to backup, MaxAttach integrates seamlessly into your environment.*

*MaxAttach interoperability features let users on Windows®, UNIX/Linux, NetWare and MacIntosh platforms easily share stored data. MaxAttach also supports Microsoft® Active Directory Services (ADS) for seamless integration.*

*MaxAttach stores up to 320GB in a 1U-high rack-mount enclosure. And at less than 2 cents per megabyte, MaxAttach file servers cost only about one-third as much as general-purpose servers—with no client license required.*

**Pre-loaded, Pre-configured Software**

Microsoft NAS Powered by Windows  
Microsoft Backup  
Microsoft Windows Services for NetWare 5.0  
Microsoft Windows Services for UNIX 2.1  
Maxtor NAS 4100 Enhancements

**Client Included Software**

MaxNeighborhood™ Setup & Discovery Wizard  
1Safe™ NAS Edition for MaxAttach (20 client license)

**Software**

*File System:*

Up to 2 terabyte file sizes  
Access Control Lists  
Disk quota  
Dynamic volume manager  
Journaling  
OS fail-over  
Software RAID 0, 1 and 5  
Unicode  
Volume defragmenter

*Network Transport Protocols:*

TCP/IP, IPX, AppleTalk

*Network File Protocols:*

Apple (AFP)  
Internet (HTTP 1.1)  
Microsoft Networks (CIFS/SMB)  
Novell NetWare (NCP)  
UNIX (NFS v.3)

*Network Security Clients:*

Microsoft NT Domain Controller (PDC)  
Microsoft Active Directory Service (ADS)  
Novell NetWare Directory Service (NDS bindery)  
UNIX Network Information Service (NIS)

*Network Services:*

Clients: DFS, DHCP, DNS, and WINS  
Alert Email Notification  
HTTP 1.1  
SNMP v.3 and MIB II  
System and Security Logs  
Telnet  
Terminal Services Advance Client  
Upgradeable OS

*Network System Support:*

Linux: Red Hat, SuSE, and most Linux derivatives  
Macintosh System 8.x, 9.x  
Microsoft Windows 95/98//Me/NT (SP5)/2000  
Novell NetWare 3.x, 4.x, 5.x  
UNIX: SunOS and Solaris, and most UNIX derivatives

*System Management:*

SNMP managers  
Web browser user interface

**Firmware**

ACPI/APM power management  
BIOS virus protection  
Boot drive fail-over  
CPU temperature monitoring with overheat alarm

**Network Backup Software Support**

1Safe NAS Edition for MaxAttach  
Computer Associates ArcServeIT/2000  
Legato Networker (including agents)  
Microsoft Backup  
Veritas Backup Exec (including agents)

**Hardware**

Copper Gigabit Ethernet interface (320GB model)  
Dual Intel 82559 10/100 Base T Ethernet ports with fail-over and load balancing  
Four Ultra ATA/100 Maxtor internal hard disk drives  
Adaptec® AIC-7899 Ultra160 SCSI port  
Uninterruptible power supply (UPS) support

Software-controlled front power button  
Rear main power switch  
Front LEDs for power/status, network activity (2), disk activity  
Rear LEDs for network transmit/receive (2), link (2)  
Audible warning speaker  
Thermal control CPU fan  
Dual high velocity drive cooling fans  
19" rack-mountable 1U chassis

**Physical**

*Dimensions:*

17 x 20 x 1.75 inches  
(43.2 x 50.8 x 4.5 cm) (fits a standard 19" equipment rack; 1 rack-unit height)

*Weight:*

27 lbs. (12.3 kg)

*Power requirements:*

Input rating 100-240V, 50-60Hz  
Input current: 6.0 A (RMS) for 115VAC  
3.0 A (RMS) for 230 VAC

Typical operating power: 150 watts  
Maximum power consumption: 200 watts

*Operating environment:*

41° to 104° F (5° to 40° C)  
5% to 85% humidity (non-condensing)  
Vibration: .25 G's at 5-500Hz, for 15 minutes

*Non-operating environment:*

-4° to 140° F (-20° to 60° C)  
5% to 95% humidity (non-condensing)  
Shock: 6 pulses of 95 G's up to 2.5 ms duration

**Agency Certifications**

BSMI, CISPR class B, CB, CE, CSA, FCC Class B, UL, C-UL, TUV, VCCI

**Ordering Information**

See [www.maxtor.com](http://www.maxtor.com) for the most current information



**About Maxtor**

Maxtor Corporation (NYSE: MXO) is a leading supplier of information storage solutions. In addition to the MaxAttach family of network-attached storage servers, the company's award-winning products include Maxtor hard disk drives for desktop computers and Maxtor 1394 External Storage™. Maxtor's leadership position has been built by consistently providing leadership products, and by delivering high levels of quality and support for its customers. More information about Maxtor and its products can be found at [www.maxtor.com](http://www.maxtor.com) or by calling toll-free 1-866-MAX-TACH. In Europe, call +353 1 204 1111 (Ireland) or e-mail us at [EuroNSG@maxtor.com](mailto:EuroNSG@maxtor.com). In Asia Pacific, call +852-2585-4500 or e-mail [ApacNSG@maxtor.com](mailto:ApacNSG@maxtor.com).

A megabyte is defined as 1,000,000 bytes. A gigabyte is defined as 1,000,000,000 bytes. Total accessible capacity varies depending on operating environment. ©2001 Maxtor Corporation. Maxtor and the Maxtor logo are registered trademarks and MaxAttach and MaxNeighborhood are trademarks of Maxtor Corporation. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. 1Safe is a trademark of 1Vision Software, Inc. Other trademarks are the property of their respective holders. Maxtor Corporation, 500 McCarthy Boulevard, Milpitas, CA 95035. Hard drives made in Singapore. Other foreign-made items marked thereon. 6/01 v4 7019 JC/PDF