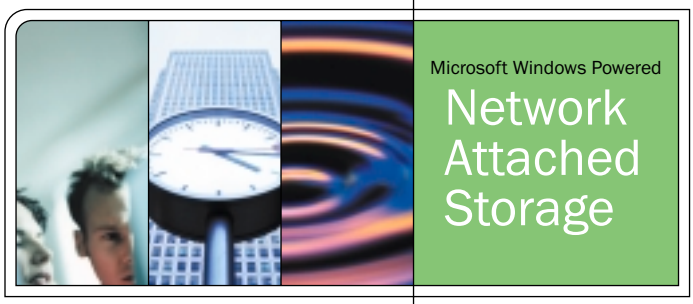


An optimized file server with reliability and scalability you can build on

"With Network Attached Storage appliances powered by Windows, we were able to add a great deal of storage to the network with a very small footprint and at a very reasonable price."

—Director of Network and Systems Engineering, Continental Airlines

Windows Powered NAS Datasheet

Microsoft® Windows® Powered Network Attached Storage (NAS) is an optimized file server based on Windows technology that is designed for high reliability, availability, and ease of management. Windows Powered NAS integrates with the existing infrastructure and supports heterogeneous file serving as well as backup/replication of mission-critical data. Windows Powered NAS is also an ideal solution for consolidating multiple file servers into a single solution that enables cost reduction and policy-based management of storage resources.

Windows Powered NAS includes advanced availability features such as point-in-time data copies, replication, and server clustering. Because Windows Powered NAS solutions are preconfigured, they can be deployed out of the box in minutes, and their Web user interface makes management easy. Windows Powered NAS integrates with existing infrastructures, so enterprises can leverage commonly used network environments and standard management software, as well as Windows 2000 Server's Active Directory® service. Preconfigured Windows Powered NAS solutions are available from industry leading OEMs in sizes ranging from a few hundred gigabytes to several terabytes.

Highly Reliable and Available

OPTIMIZED SOFTWARE AND HARDWARE Access stored files with more reliability using a Windows operating system that is optimized for file serving. In addition, built-in hardware redundancies are included in the solution to avoid any single points of failure within the device.

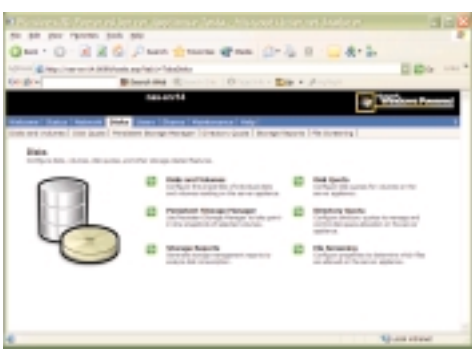
PERSISTENT STORAGE MANAGER Provide high data availability by creating and managing up to 250 data snapshots. Entire server volumes of corrupted or deleted data can be restored within minutes, instead of hours that might be required to restore from tape.

STORAGE MANAGER Optimize storage resources by setting quotas at volume, directory, and user levels. In addition, enforce rules regarding storage of unwanted files by filtering file types and track resource usage with storage reports.

DISTRIBUTED FILE SYSTEM Build and manage a single, hierarchical view of multiple file servers and their shares. Distributed File System (DFS) simplifies management of data on multiple distributed servers. DFS enables Windows Powered NAS to automatically redirect clients to data replicas in case data becomes unavailable.

CLUSTERING Create high availability solutions with support for two-node failover clustering using Microsoft Cluster Service (MSCS).

REPLICATION* Increase data availability and provide disaster recovery by creating multiple copies of data on remote servers over local area networks (LANs) or wide area networks (WANs) using third-party add-on software.



Easily deploy and manage Windows Powered NAS through a Web user interface.

Microsoft® Windows® Powered

Microsoft

Easy to Deploy and Manage

PLUG-AND-PLAY DEPLOYMENT Deploy a pre-configured Windows Powered NAS solution in minutes. Use a Web interface to connect to the network, join an Active Directory domain or a local workgroup, add users, create shares, and select file sharing tools.

REMOTE MANAGEMENT Manage devices remotely through a Web user interface, Terminal Services, or standard enterprise server management tools.

Seamless Enterprise Integration

ACTIVE DIRECTORY INTEGRATION Take advantage of existing Active Directory policies to centrally manage Windows Powered NAS using Group Policy, Kerberos Authentication, and Encrypted File System.

NETWORK INTEROPERABILITY Easily configure Windows Powered NAS to interoperate with most common network environments, including Windows, UNIX, Novell NetWare, and Apple Macintosh. Also included is support for CIFS, FTP, WebDAV, and Apple File Sharing Services.

SUPPORT FOR EXISTING MANAGEMENT SOFTWARE Leverage existing IT investment in server management tools like Microsoft Systems Management Server, Tivoli, and HP OpenView.

ANTI-VIRUS SOFTWARE SUPPORT Take advantage of investment in existing anti-virus utilities to protect data.

Low Total Cost of Ownership

Windows Powered NAS enables IT administrators to easily manage growing amounts of data while reducing storage costs. Customers can acquire Windows Powered NAS at one of the lowest costs per gigabyte available, and take advantage of high scalability to expand storage capacity as needed. Advanced availability features, ease of deployment and management, and seamless enterprise integration also combine to lower the total cost of ownership.

For More Information

A scalable Windows Powered NAS solution is available to meet your needs, whether you're a small business looking for a cost-effective heterogeneous file server, a medium-size business wanting to ensure high availability of data, or a large enterprise seeking to consolidate many file servers from various platforms.

To learn more about Windows Powered NAS and our leading OEM's solutions, visit www.microsoft.com/storage.

* Most configurations—check with your OEM.

Windows Powered NAS Deployment Scenarios

File Serving

Deploy an optimized file server to address growing storage requirements. Data protection features and support for multiple file protocols makes Windows Powered NAS the ideal solution for heterogeneous file serving.

File Server Consolidation

Consolidate multiple file servers to reduce costs and improve availability. Windows Powered NAS is a proven solution for file server consolidation, with customers reaping the benefits of reliability, manageability, and lower TCO.

Backup / Restore and Replication

Enable rapid restoration of mission-critical data. Windows Powered NAS can be used for backup of multiple production servers without taking them offline. Achieve high data availability through replication across multiple sites using third-party solutions from industry partners.

NAS / SAN Integration

Provide a highly scalable file serving environment while leveraging existing Storage Area Network (SAN) investments. Integration with Active Directory services enables data security and ease of management.