It's All About Your Data

PROMISE®
TECHNOLOGY, INC.

SmartStor™ NS2300N

2-Bay Network Attached Storage

Promise Technology, the worldwide leader in SATA/SAS RAID, brings its proven enterprise-class RAID technology to the SOHO/SMB users. SmartStor™ safeguards your digital contents and makes them readily available to networked users.

New user interface and easy management feature

SmartNAVI, the advanced client utility for SmartStor™ NAS, inherits all features from the previous generation NAS Utility and is enhanced with AI (Artificial Intelligence). SmartNAVI can discover the client side network topology and optimize the SmartStor™ for the user's environment. This technology enables the user to configure SmartStor™ in two steps without any network knowledge. Additionally, an enhanced interface helps users access services on SmartStor™ via system navigator and quick menu.

Besides DHCP support for easy network configuration, SmartStor™ NS2300N features various management tools to meet the needs of novices and advanced users. The easy Setup Wizard requires only few clicks to complete SmartStor™ NS2300N installation. The embedded web-based GUI management software, WebPASM, allows you to fully configure, monitor, shut down, and restart SmatStor™ NS2300N from local or remote site.

Advanced data protection and security

To accommodate the pressing needs of SOHO & SMB users to easily and efficiently protect precious data, SmartStor™ NS2300N offers complete automatic data protection features.

One Touch Backup
enables a quick, automatic client backup at the touch of one button.

SmartSYNC
uses incremental backup to reduce time and space by including only changed files.

To ensure secure access, SmartStor™ supports HTTPS, domain integration, Microsoft ADS as well as user, groups and quota management.

Streaming and file sharing at Home

The SmartStor™ NS2300N functions as a Digital Media Streaming Server by utilizing DLNA's UPnP Protocol via Home and Local Area Networks. As a UPnP Certified Device, UPnP Media Control Points can discover and stream Music, Pictures and Video (JPEG, MP3, MPEG2, WMV and more) directly from the SmartStor™ NS2300N using applications such as PowerDVD, Nero Showtime, Wireless HD Media Players and Sony's PlayStation 3. When using Wireless HD Media Players or the PlayStation 3, No "PC" is needed for streaming services enabling you to view your Pictures and Videos in the comfort of your living room. In the near future HDTV LCD/Plasma Displays and Kitchen Appliances will be UPnP capable allowing access to your Personal Digital Entertainment anywhere in the Home.

As a small footprint BYOD (bring-your-own-disk) multi-terabyte SATA Network Storage Server, SmartStor™ NS2300N provides an easy, cost effective solution for SOHO & SMB users to share files and network resources. Support up to two hot-swappable SATA 3Gb/s hard drives, NS2300N allows you to expand capacity as your needs grow at the lowest incremental cost. Comprehensive file sharing protocols support enables cross-platform file services for Windows, UNIX, Linux, and Macintosh. SmartStor™ NS2300N can help to maximize your ROI and productivity by providing a scalable file service and print service solution.
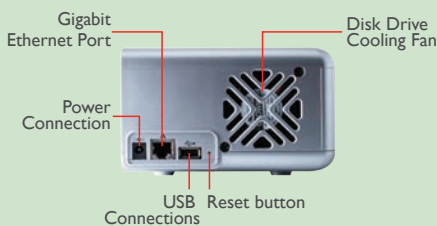
AMD 64 LIVE! READY

NS2300N Highlights

:: Up to two hot-swappable SATA drives.
:: Up to 2TB of storage using two 1TB hard drives.
:: Data sharing over the network with Gigabit Ethernet.
:: Speed up date transportation rate by Gigabit Ethernet with Jumbo Frame.
:: One-touch backup of designated file folders on client PC.
:: Smart NAVI Utility.
:: Enterprise-proven RAID technology with RAID 0, 1 support.
:: Network print server with USB printer.
:: DLNA media server for digital home network environment.
:: iTune Server.
:: Download Station for HTTP/FTP/BT/Edonkey protocol.
:: Support Microsoft ADS; User, Group, and Quota management.
:: UPS support with automated shutdown.
:: Heterogeneous environment: Windows, UNIX, Linux, and Macintosh.
:: Quick and easy-to-use Setup Wizard.
:: Powerful web-based GUI for remote management.
:: Email notification for activity/backup status and system errors.
:: Advanced chassis design for minimum power consumption and ultra-quiet operation.

UPnP™ **dlna CERTIFIED™**

RoHS 2002/95/EC **SERIAL ATA 3Gb/s**

View of SmartStor™ NS2300N

Drive Carrier

Gigabit Ethernet Port

Disk Drive Cooling Fan

Power Connection

USB Connections

Reset button

Wireless Router/Switch

| USB Printer | USB HDD | USB UPS | | UPnP/DLNA Device | Linux/Unix | Win | Mac | Wireless laptop |

Intuitive Graphic User Interface

Web-based Promise Advanced Storage Manager (WebPASM) is an easy-to-use software designed to simplify network storage management. It can configure, manage, and monitor your SmartStor™ NS2300N remotely.

New Generation Client Utility with AI Technology

SmartNAVI, the advanced client utility for SmartStor™ NAS, inherits all features from the previous generation NAS Utility and is enhanced with AI (Artificial Intelligence).

Features

NAS Features

File Sharing Protocols	SMB/CIFS (Microsoft,Linux/Unix), AFP (Apple/Mac), NFS(Linux/Unix), FTP
Network Protocols	DHCP Client
Client OS Support	Windows 2000, XP, 2003, Vista X86/X64, Linux/Unix, Mac OS X V10.4 and above
Client Utility OS Support	Windows 2000, XP, 2003, Vista X86/X64
Security/User Management	Domain Integration, Microsoft ADS, Unix NIS; User, Group & Quota management
USB Connectivity	HDD/Flash Drive(FAT32, EXT3), Printer, APC UPS
Data Protection Features	Client to NAS backup (SmartSYNC, One Touch Backup)
File System	EXT3 Journal File System, Multi-Volume
Others	Printer Server

Network application and Multimedia Feature

Multimedia Server	UPNP and DLNA certified media server
iTunes Server	iTunes server for iTunes
Download Station	HTTP, FTP, BT and Edonkey supported

RAID Management

RAID Levels	RAID 0, 1
RAID features	Drive Roaming, Gigabyte Rounding, Robust Error Handling, RAID Level Migration, On-line Capacity Expansion

System Management

Web Browser Support	Internet Explorer 6 or above, Opera, FireFox 1.5, Netscape 7.0, Safari
Multiple Languages Support	English, Traditional Chinese, Simplified Chinese, Japanese, Spanish, German, Italian, French, Korean, Russian
Coding System	Unicode
Management Protocols/ Notifications	HTTP,HTTPS, NTP, SMTP; Email, audible(buzzer), visible(LEDs)
Management Tools	One-Touch; SmartNAVI(SmartWizrad, SmartSYNC and user assistance tool)

LAN Interface

Interface	IEEE802.3/IEEE802.3u/IEEE802.3ab Standard (1000BASE-T,100BASE-TX,10BASE-T)
Transmission Speed	10 / 100 / 1000 Mbps, Jumbo frame 4K/7K supported on 1000Mps
Access Method	CSMA / CD
Port/Connector	RJ-45
Ports	1

USB Interface

Interface	USB 2.0
Connector Type	USB Type A
Number of Ports	1

Disk Interface

Number of Drives	2 Drives(3.5" only)
Specifications	3Gb/s SATA HDD with NCQ/TCQ; 48-bit LBA Supported

Mechanical Specifications

Temperature	Operating: 5°C to 35°C
Humidity	Operating: 10%-85%
Power consumption	39W typical (with two 250GB drives)
Acoustic Noise	< 30db (at 25°C ambiance temperature)
Dimensions(HxWxD)	92 x 145.2 x 213.2 mm (3.6 x 5.1 x 8.3 in)
Weight	950g (2.09 lbs) without drives
EMC/Safety	CE, FCC Class B,VCCI Class B, BSMI, UL, TUV, MIC, RoHS compliance
Package Content	SmartStor™ NS2300N Power Cable, Ethernet Cable, Quick Start Guide, Set of Screws, Installation CD, Drive Carriers
Warranty	3 years limited

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