

Network Storage Series

- NASStorage



NASStorage 8520R



NASStorage 4520R

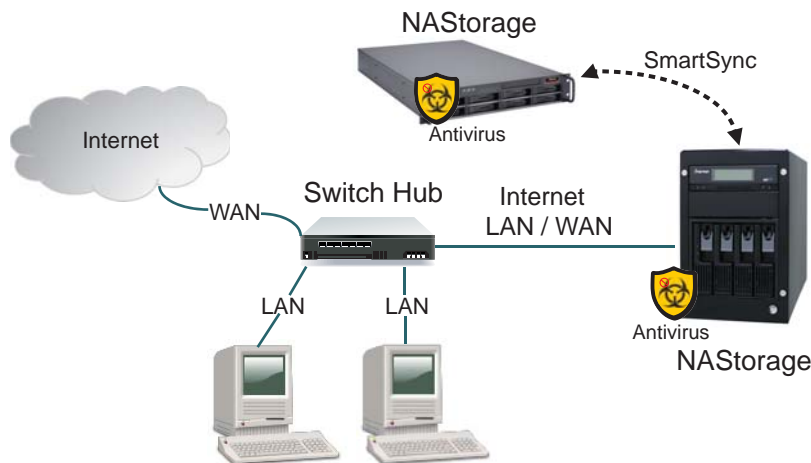


NASStorage 4520T

Introduction

As information increase at exponential rates, reliable and scalable storage systems are essential for storing and distributing valuable knowledge. With the sophisticated designs of the NAS products which assure data reliability and system scalability, Ingrasys NASStorage provides you the robust infrastructure required for business operation.

Application



Features






- **High-end Data Protection** adopts the most advanced SATA RAID technology and fully integrates Anti-virus engine to protect valuable data on the fly.
- **Revolutionary dual-function NAS server** integrates both On-line file service and Near-line CD/DVD caching service into one centralized storage server.
- **Diverse backup solutions** provides full-range of data backup policy for Disk-To-CD/DVD, Disk-To-Tape, Disk-To-Disk and Server-To-Server backup solutions (Advanced Tapeless Backup).
- The built-in iSCSI target feature provides an affordable IP-SAN (Storage Area Network) alternative.
- **High Performance** - Using single device connection which eliminate the master/slave issues and allow faster transfer rate without latency and delay.
- **High Data Integrity** - Offers error checking and error correcting capabilities. The end-to-end integrity of transferred commands and data can be guaranteed across the serial bus.
- **High System Reliability** - A dedicated port for each disk drive, providing greater system reliability through individual drive and cable fault isolation.
- **High Usability** - Easier configuration and design with cables that are thinner, have smaller connectors, and are simpler to route and install.

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Specification

Model	NASTorage 8520C	NASTorage 4520T	NASTorage 4520RS	NASTorage 4520RR	NASTorage 8520R
Appearance					
Hardware	■ Intel CM550 (2.0G/1M/533MHz)			■ T7500 (2.2G/4M/800MHz)	
	■ Support 1GB RAM			■ Support 2GB RAM	
	■ Two integrated 10/100/1000 M Gigabit Ethernet ports				
Hardware	–	■ Single/350W Power Supply 80 plus compliance	■ Single/350W Power Supply	■ Redundant/250W Power Supply	■ Redundant/350W Power Supply
	–	–	■ PCI-E by 8 Slot x 1		
Storage	■ Support 8+2 SATA II Slot	■ Support 4 hot-swappable SATA II high-capacity hard disk drives			■ Support 8 hot- swappable SATA II high-capacity hard disk drives
	■ Support CD-R/RW, DVD±RW, DVD-DL, Blu-ray (Optional)				
	■ iSCSI target support				
	–	■ Local tape backup with SCSI tape drive support			
	■ Integrate 'Disc server + Data Archiving' to store over a thousand discs *				
Network Environment	■ Microsoft Windows 95/98/ME/NT/2000/XP/VISTA/Server 2003/ 2008/ 7				
	■ Solaris, FreeBSD, Linux, and other UNIX derivatives				
	■ Mac OS 8.x, 9.x, OS X				
	■ Novell NetWare				
Network Protocols	■ TCP/IP, AppleTalk, IPX				
	■ HTTP, CIFS/SMB, NFS v4, NCP, FTP, AFP				
	■ BOOTP, RARP, DHCP, DNS, WINS, SMTP, SNMP, NTP, SSL				
System Management	■ Multi-lingual web-based interface for system administration				
	■ LCD console for setting IP addresses and displaying system information				
	■ User quota and folder quota control				
	■ Environmental monitoring of system/CPU temperature, CPU fan speed and CPU voltages				
	■ System monitoring of CPU/ memory usage and LAN1/LAN2 throughput				
	■ NASTart software utility for quick setup and system configuration backup				
■ Snapshot technology for maintaining consistent backup images of file system up to 256 snapshot standard *					
■ E-mail notification, SNMP management (MIB II) and system buzzer alerts					
Data Protection	■ RAID 0,1,5,6,10 and JBOD with global hot-spare and RAID expansion				
	■ NAS-to-NAS data synchronization with SmartSync				
	■ Advanced RAID bad sector recovery mechanism				
	–	■ Local tape backup with SCSI tape drive support			
■ Support CD-R/RW and DVD+RW, DVD-DL, Blu-ray burning capability					
■ Support smart-signaling UPS and USB UPS					
Network Security	■ Built-in Trend Micro antivirus software				
	■ Integrate with Microsoft Windows NT/2000/2003/2008/7 Domain and Active Directory environment				
	■ Support UNIX Network Information Service (NIS)				
	■ Support Access Control List (ACL)				
■ Secure Sockets Layer (SSL) 128-bit encryption					
Operating Environment	■ Localized web-pages: English, Traditional Chinese, Simplified Chinese, Korean, Japanese, French, German, Italian, Spanish				
	■ Unicode UTF-8				
	■ Operating temperature: 0 - 40°C				
■ Operating Humidity: 10 – 80% non-condensing					

*Indicates the functions may be optional features for certain models.