

NAS



Technical Specifications



	Seagate® NAS 2-bay	Seagate NAS 4-bay
Networking	Single Gigabit Network interface	Dual Gigabit Network interface
	Jumbo frame	Failover and link aggregation
	DHCP and static IP	Jumbo frame
	IPv4 / IPv6	DHCP and static IP
	Dynamic DNS	IPv4 / IPv6
		Dynamic DNS
iSCSI Block Storage	iSCSI target	iSCSI target
	CHAP authentication	CHAP authentication
	10 LUN/10 targets	32 LUN/32 targets
External Ports	2 x USB 3.0 Ports	2 x USB 3.0 Ports
	1 x 10/100/1000 Base-TX	2 x 10/100/1000 Base-TX
HDD Support	2 x SATA II channels	4 x SATA II channels
	Hot swappable HDD trays	Hot swappable HDD trays
	Support of 2.5- and 3.5-inch HDD	Support of 2.5- and 3.5-inch HDD
	Diskless: Supported HDDs, see Hard Drive Compatibility List	Diskless: Supported HDDs, see Hard Drive Compatibility List
	Preconfigured model built with Seagate 3.5-inch NAS HDD drives	Preconfigured model built with Seagate 3.5-inch NAS HDD drives
Raid and Data Management	SimplyRAID™ (default)	SimplyRAID (default)
	- Auto RAID migration, volume expansion, and HDD mix and match	- Auto RAID migration, volume expansion, and HDD mix and match
	Standard RAID	Standard RAID
	- JBOD	- JBOD
	- RAID 0, 1	- RAID 0, 1
	Volume encryption	- RAID 5, RAID 5 w/hot spare (for 3 and more HDD configurations)
	Rescue mode for volume recovery	- RAID 6 (for 3 and more HDD configurations)
	Network recycle bin	- RAID 10
		Volume encryption
		Rescue mode for volume recovery
	Network recycle bin	
Power	External PSU, 12V/48W, 100 ~ 240V AC, 50/60 Hz	External PSU, 19V/ 90W, 100 ~ 240V AC, 50/60Hz
	Scheduled power on/off	Scheduled power on/off
	Power-saving mode w/disk spin-down	Power-saving mode w/disk spin-down
	Wake-on-LAN (WOL)	Wake-on-LAN (WOL)
	Auto power-on after power outage	Auto power-on after power outage
	UPS support for graceful shutdown (USB and network via SNMP)	UPS support for graceful shutdown (USB and network via SNMP)
	Power Consumption (w/2 x 2TB HDD):	Power Consumption (w/4 x 2TB HDD):
	- Operation mode: 16W	- Operation mode: 32W
	- Power-saving mode: 7W	- Power-saving mode: 13W
- WOL mode: 0.55W	- WOL mode: 0.95W	
Physical	Dimensions (mm/in): 170/6.69 H x 120/4.72 W x 218/8.58 D	Dimensions (mm/in): 170/6.69 H x 174/6.85 W x 218/8.58 D
	Weight, without HDD (kg/lb): 1.750/3.86	Weight, without HDD (kg/lb): 2.450/5.40
	Temperature, Operating (°C): 0 to 40	Temperature, Operating (°C): 0 to 40
	Temperature, Non-operating (°C): -40 to 65	Temperature, Non-operating (°C): -40 to 65
	Relative Humidity, Operating/Non-operating (non-condensing, %): 0 to 80/0 to 95	Relative Humidity, Operating/Non-operating (non-condensing, %): 0 to 80/0 to 95

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Operating System	Security	Supported Browsers (latest versions)	Remote Access
Seagate NAS OS 4 (embedded Linux)	HTTPS access to management UI	Internet Explorer	Remote access with PC, Mac, smartphone and tablet (iOS, Android)
Network File Protocols and Services	Windows Active Directory support	Firefox	Sdrive™ cloud-based secure remote access (no port forwarding needed)
CIFS/SMB	Password authentication and access control	Safari	MyNAS web-based remote access
NFS v3	User, user group	Google Chrome	HTTP/FTP remote access with customer configuration
AFP	Secure Shell (SSH)	Software Languages	App Manager and Apps
HTTP(S)	AES 256-bit volume encryption	English, Spanish, German, French, Italian, Dutch, Chinese Traditional, Chinese Simplified, Korean, Portuguese, Russian, Czech	Open API for third-party applications
FTP / sFTP	CHAP authentication for iSCSI target	Media Streaming	App Manager
SSH	Mutual CHAP	UPnP AV media server	- Available app packages for customised installation
SNMP	System Management	DLNA compatible	- Pre-installed apps
SMTP	Web-based GUI through http/https	iTunes™ (DAAP) server	- Web-based GUI for install/delete/run/suspend apps
NTP	System resource monitoring (CPU, memory, network)	MTP and PTP support	Surveillance Manager (NVR)
UPnP	Hardware monitoring (chassis, board, fan status)	Photo browser and audio streaming through web interface	Support up to 1000+ network cameras
Bonjour	S.M.A.R.T. info	Backup Solution	Local and remote LiveView
WebDAV	Event log and management	Support of third-party backup software	Search and timeline-based playback
DFS-N	Product discovery with Seagate Network Assistant	Time Machine™ backup	Camera and event management
Printers	NAS OS installer for diskless setup	Manual or scheduled backup job to backup NAS to/from external USB drive	Support up to 4 camera licences
File System	Rescue mode and restore to factory settings	NAS-to-NAS backup w/encryption, compression options (incremental or full backup)	Licence management (include 1 free camera licence)
Internal: EXT4	Automatic and manual firmware update	NAS to/from Rysnc Server, local or remote	Mobile app and surveillance client
External: EXT2, EXT3, EXT4, NTFS, FAT32, HFS+	System configuration backup / restore	Backup and restore via CIFS/NFS/HTTP/FTP	Warranty
Hardware	Alert management and email notification	Backup to Amazon S3	3-year limited warranty
ARM 1.2GHz processor	Supported Clients	Backup to Box.com	Inside the Box
512MB DDRIII	Windows® XP, Vista®, 7, 8	Backup and restore system configuration	Seagate NAS 2-bay or 4-bay
Small desktop form factor chassis	Windows Server 2003/2008R2/2012		Seagate NAS HDD drives (except diskless models)
Power on/off button	Mac OS 10.6 and later		Quick start guide
System reset button (pinhole)	Linux /Unix		Ethernet cable
One-touch backup			Power cord
Kensington security slot			
LED for power and disk activity			

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