

# NAS



## Technical Specifications



	Seagate® NAS 2-bay	Seagate NAS 4-bay
<b>Networking</b>	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
<b>iSCSI Block Storage</b>	iSCSI target	iSCSI target
	CHAP authentication	CHAP authentication
	10 LUN/10 targets	32 LUN/32 targets
<b>External Ports</b>	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
<b>HDD Support</b>	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
<b>Raid and Data Management</b>	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	
<b>Power</b>	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	
<b>Physical</b>	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, Nonoperating (°C): -40 to 65	Temperature, Nonoperating (°C): -40 to 65
	Relative Humidity, Operating/Nonoperating (non-condensing, %): 0 to 80/0 to 95	Relative Humidity, Operating/Nonoperating (non-condensing, %): 0 to 80/0 to 95

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<b>Operating System</b>	<b>Security</b>	<b>Supported Browsers (latest versions)</b>	<b>Remote Access</b>
Seagate NAS OS 4 (embedded Linux)	HTTPS access to management UI	Internet Explorer	Remote access with PC, Mac, smartphone and tablet (iOS, Android)
<b>Network File Protocols and Services</b>	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)	<b>Software Languages</b>	<b>App Manager and Apps</b>
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	<b>Media Streaming</b>	App Manager
SSH	Mutual CHAP	UPnP AV media server	- Available app packages for customized installation
SNMP	<b>System Management</b>	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	<b>Surveillance Manager (NVR)</b>
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	<b>Backup Solution</b>	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 licenses
<b>File System</b>	Rescue mode and restore to factory settings	NAS-to-NAS backup w/encryption, compression options (incremental or full backup)	License management (include 1 free camera license)
Internal: EXT4	Automatic and manual firmware update	NAS to/from Rsync 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	<b>Warranty</b>
<b>Hardware</b>	Alert management and email notification	Backup to Amazon S3	3-year limited warranty
ARM 1.2GHz processor	<b>Supported Clients</b>	Backup to Box.com	<b>Inside the Box</b>
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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