

# NAS Pro



## Technical Specifications



	Seagate® NAS Pro 2-bay	Seagate® NAS Pro 4-bay	Seagate® NAS Pro 6-bay
<b>Operating System</b>	Seagate NAS OS 4 (embedded Linux)	Seagate NAS OS 4 (embedded Linux)	Seagate NAS OS 4 (embedded Linux)
<b>Hardware</b>	1.7Ghz dual-core Intel® 64-bit processor	1.7Ghz dual-core Intel® 64-bit processor	1.7Ghz Dual-Core Intel® 64-bit processor
	2GB DDRIII	2GB DDRIII	2GB DDRIII
	Small desktop form factor chassis	Small desktop form factor chassis	Small desktop form factor chassis
	Power on/off button	Power on/off button	Power on/off button
	System reset button (pinhole)	System reset button (pinhole)	System reset button (pinhole)
	One-touch backup	One-touch backup	One-touch backup
	Kensington security slot	Kensington security slot	Kensington security slot
	LED for power and disk activity	LED for power and disk activity	LED for power and disk activity
<b>HDD Support</b>		LCD display panel for system status	LCD display panel for system status
		Control buttons	Control buttons
	2 x SATA II channels	4 x SATA II channels	6 x SATA II channels
	Hot swappable HDD trays	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	Support of 2.5- and 3.5-inch HDD
<b>Raid and Data Management</b>	Diskless: Supported HDDs, see Hard Drive Compatibility List	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 3.5-inch Seagate NAS HDD drives	Preconfigured model built with 3.5-inch Seagate NAS HDD drives
	SimplyRAID™ (default)	SimplyRAID (default)	SimplyRAID (default)
	- Auto RAID migration, volume expansion, and HDD mix and match	- Auto RAID migration, volume expansion, and HDD mix and match	- Auto RAID migration, volume expansion, and HDD mix and match
	Standard RAID	Standard RAID	Standard RAID
	- JBOD	- JBOD	- JBOD
	- RAID 0, 1	- RAID 0, 1	- RAID 0, 1
	Volume encryption	- RAID 5, RAID 5 w/hot spare (for 3 and more HDD configurations)	- 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)	- RAID 6 (for 3 and more HDD configurations)
	Network recycle bin	- RAID 10	- RAID 10
<b>Power</b>		Volume encryption	Volume encryption
		Rescue mode for volume recovery	Rescue mode for volume recovery
		Network recycle bin	Network recycle bin
	External PSU, 60W, 100 ~ 240V AC, 50/60Hz	External PSU, 120W, 100 ~ 240V AC, 50/60Hz	External PSU, 150W, 100 ~ 240V AC, 50/60Hz
	Scheduled power on/off	Scheduled power on/off	Scheduled power on/off
	Power-saving mode w/disk spin-down	Power-saving mode w/disk spin-down	Power-saving mode w/disk spin-down
	Wake-on-LAN (WOL)	Wake-on-LAN (WOL)	Wake-on-LAN (WOL)
	Auto power-on after power outage	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)	UPS support for graceful shutdown (USB and network via SNMP)
	Power Consumption (w/ 2 x 2TB HDD): - Operation mode: 44W - Power-saving mode: 30W - WOL mode: 0.5W	Power consumption (w/4 x 2TB HDD): - Operation mode: 64W - Power-saving mode: 49W - WOL mode: 0.5W	Power consumption (w/6 x 2TB HDD): - Operation mode: 85W - Power-saving mode: 69W - WOL mode: 0.5W
<b>Physical</b>	Dims. (mm/in): 170/6.69 H x 120/4.72 W x 218/8.58 D	Dims. (mm/in): 170/6.69 H x 174/6.85 W x 218/8.58 D	Dims. (mm/in): 170/6.69 H x 236/9.29 W x 218/8.58 D
	Weight, without HDD (kg/lb): 1.750/3.86	Weight, without HDD (kg/lb): 2.450/5.40	Weight, without HDD (kg/lb): 2.995/6.60
	Temperature, Operating (°C): 0 to 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	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	Relative Humidity, Operating/Non-operating (non-condensing, %): 0 to 80/0 to 95

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<b>Networking</b>	<b>External Ports</b>	<b>Supported Browsers (latest versions)</b>	<b>Remote Access</b>
Dual Gigabit network interface	2 x USB 3.0 ports	Internet Explorer	Remote access with PC, Mac, smartphone and tablet (iOS, Android)
Failover and link aggregation	1 x USB 2.0 port	Firefox	Sdrive™ cloud-based secure remote access (no port forwarding needed)
Jumbo frame	2 x 10/100/1000 Base-TX	Safari	MyNAS web-based remote access
DHCP and static IP	<b>Security</b>	Google Chrome	HTTP/FTP remote access with customer configuration
IPv4 / IPv6	HTTPS access to management UI	<b>Software Languages</b>	<b>App Manager and Apps</b>
Dynamic DNS	Windows Active Directory support	English, Spanish, German, French, Italian, Dutch, Chinese Traditional, Chinese Simplified, Korean, Portuguese, Russian, Czech	Open API for third-party applications
<b>Network File Protocols and Services</b>	Password authentication and access control	<b>Media Streaming</b>	App Manager
CIFS/SMB	User, user group	UPnP A/V media server	- Available app packages for customised installation
NFS v3	Secure Shell (SSH)	DLNA compatible	- Pre-installed apps
AFP	AES 256-bit volume encryption	iTunes™ (DAAP) server	- Web-based GUI for install/delete/run/suspend apps
HTTP(S)	CHAP authentication for iSCSI target	MTP and PTP support	<b>Surveillance Manager (NVR)</b>
FTP / sFTP	Mutual CHAP	Photo browser and audio streaming through web interface	Support up to 1000+ network cameras
SSH	<b>System Management</b>	<b>Backup Solution</b>	Local and remote LiveView
SNMP	Web-based GUI through HTTP/HTTPS	Support of third-party backup software	Search and timeline-based playback
SMTP	System resource monitoring (CPU, memory, network)	Time Machine™ backup	Camera and event management
NTP	Hardware monitoring (chassis, board, fan status)	Manual or scheduled backup job to backup NAS to/from external USB drive	Support up to 4 camera licences
UPnP	S.M.A.R.T. info	NAS-to-NAS backup, compression options (incremental or full)	License management (includes 1 free camera licence)
Bonjour	Event log and management	NAS to/from Rysnc server, local or remote	Mobile app and surveillance client
WebDAV	Product discovery with Seagate Network Assistant	Backup and restore via CIFS/NFS/HTTP/FTP	<b>Warranty</b>
DFS-N	NAS OS installer for diskless setup	Backup to Amazon S3	3-year limited warranty
Printers	Rescue mode and restore to factory settings	Backup to Box.com	<b>Inside the Box</b>
<b>File System</b>	Automatic and manual firmware update	Backup and restore system configuration	Seagate NAS Pro 2-Bay, 4-Bay or 6-Bay
Internal: EXT4	System configuration backup / restore		Seagate NAS HDD drives (except diskless models)
External: EXT2, EXT3, EXT4, NTFS, FAT32, HFS+	Alert management and email notification		Quick start guide
<b>iSCSI Block Storage</b>	<b>Supported Clients</b>		Ethernet cable
iSCSI target	Windows XP®, Vista, 7, 8		Power cord
CHAP authentication	Windows Server 2003/2008R2/2012		
32 LUN	Mac OS 10.6 and later		
32 target	Linux /Unix		

www.seagate.com

AMERICAS Seagate Technology LLC 10200 South De Anza Boulevard, Cupertino, California 95014, United States, +1 408 658 1000  
 ASIA/PACIFIC Seagate Singapore International Headquarters Pte. Ltd. 7000 Ang Mo Kio Avenue 5, Singapore 569877, +65 6485 3888  
 EUROPE, MIDDLE EAST AND AFRICA Seagate Technology SAS 16-18 rue du Dôme, 92100 Boulogne-Billancourt, France, +33 1 41 86 10 00

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