

NAS Pro



Technical Specifications



	Seagate® NAS Pro 2-bay	Seagate® NAS Pro 4-bay	Seagate® NAS Pro 6-bay
Operating System	Seagate NAS OS 4 (embedded Linux)	Seagate NAS OS 4 (embedded Linux)	Seagate NAS OS 4 (embedded Linux)
Hardware	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
		LCD display panel for system status	LCD display panel for system status
		Control buttons	Control buttons
HDD Support	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
	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
Raid and Data Management	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
		Volume encryption	Volume encryption
		Rescue mode for volume recovery	Rescue mode for volume recovery
	Network recycle bin	Network recycle bin	
Power	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):	Power consumption (w/4 x 2TB HDD):	Power consumption (w/6 x 2TB HDD):
	- Operation mode: 44W	- Operation mode: 64W	- Operation mode: 85W
	- Power-saving mode: 30W	- Power-saving mode: 49W	- Power-saving mode: 69W
- WOL mode: 0.5W	- WOL mode: 0.5W	- WOL mode: 0.5W	
Physical	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, Nonoperating (°C): -40 to 65	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	Relative Humidity, Operating/Nonoperating (non-condensing, %): 0 to 80/0 to 95

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Networking	External Ports	Supported Browsers (latest versions)	Remote Access
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	Security	Google Chrome	HTTP/FTP remote access with customer configuration
IPv4/IPv6	HTTPS access to management UI	Software Languages	App Manager and Apps
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
Network File Protocols and Services	Password authentication and access control	Media Streaming	App Manager
CIFS/SMB	User, user group	UPnP A/V media server	- Available app packages for customized 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	Surveillance Manager (NVR)
FTP/sFTP	Mutual CHAP	Photo browser and audio streaming through web interface	Support up to 1000+ network cameras
SSH	System Management	Backup Solution	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 back up NAS to/from external USB drive	Support up to 4 camera licenses
UPnP	S.M.A.R.T. info	NAS-to-NAS backup, compression options (incremental or full)	License management (includes 1 free camera license)
Bonjour	Event log and management	NAS to/from Rsync server, local or remote	Mobile app and surveillance client
WebDAV	Product discovery with Seagate Network Assistant	Backup and restore via CIFS/NFS/HTTP/FTP	Warranty
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	Inside the Box
File System	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
iSCSI Block Storage	Supported Clients		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		

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