

Business Storage



8-BAY RACKMOUNT NAS Technical Specifications



Operating System	Seagate® NAS OS (embedded Linux)
Operating System	8 hot-swappable 3.5-inch SATA II/SATA III
Processor	Dual-core 2.3GHz Intel® 64-bit processor
Memory	4GB ECC DDR III
Networking	Two (2) 10/100/1000 Base-TX (Gigabit Ethernet)
External Ports	<ul style="list-style-type: none"> • One (1) USB 2.0 (front) • Two (2) USB 2.0 (rear) • One (1) VGA (rear) • One (1) PS/2 keyboard (rear) • One (1) PS/2 mouse (rear) • Male DE-9 serial (rear)
Hard Drive Capacity	Seagate Constellation® ES.3 3.5-inch HDD 2TB, 3TB, 4TB for preconfigured models
Total Capacity	8TB, 12TB, 16TB, 24TB, 32TB
Compatible Drives	3.5-inch SATA II or SATA III (see NAS Certified Drive list PDF for more details)
Power	100V to 240V AC, 50/60Hz, dual 250W redundant power supplies
Power Supply and Power Management	<ul style="list-style-type: none"> • Redundant hot-swap PSU • Sleep mode for power saving • Scheduled power on/off • Wake-on-LAN
Cooling Management	Three (3) hot-swappable fans
Included Accessories	<ul style="list-style-type: none"> • Sliding rail kit • Cable management arm
Transfer Rate	200MB/s reads and writes ¹
Network Protocols and Services	CIFS/SMB, NFS v3, AFP, HTTP(s), FTP, sFTP, iSCSI, Print serve, failover and load balancing (LACP 802.3ad), Sdrive™ file system integration (S:/ network drive), Active Directory™
RAID	<ul style="list-style-type: none"> • RAID 0, 1, 5, 6, 10 • Hot spare • SimplyRAID™ technology with mixed capacity support, volume expansion and migration

¹ Tested in RAID 5 configuration utilizing load balancing for Ethernet ports. Actual performance may vary depending on system environment.

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Management	<ul style="list-style-type: none"> • Web-based interface through http/https • Hardware monitoring (S.M.A.R.T., casing cooling and temperature, CPU and RAM load) • Log management and email notification • NAS OS Installer for diskless setup, data recovery and restore to factory settings • Product discovery with Seagate Network Assistant
Media Streaming	<ul style="list-style-type: none"> • UPnP DLNA A/V media adapter compatible • Photo browser and audio streaming through web interface • iTunes™ (DAAP) server
Backup Solution	<ul style="list-style-type: none"> • PC to NAS: using client software (Time Machine™, Windows® Backup, etc.) • NAS to DAS: scheduled, automatic and restore • NAS to NAS: scheduled, encrypted, compressed, and automatic to local or remote NAS
Remote Access	<ul style="list-style-type: none"> • Web-based • Android and iOS app • Sdrive™ Secure Cloud Service: Manage cloud, remote and local storage from a single interface; secure remote access from PC, Mac, iOS, Android
Client OS Supported	<ul style="list-style-type: none"> • Windows 8 (32-bit/64-bit) • Windows 7 (32-bit/64-bit) • Windows Vista (32-bit/64-bit) • Windows XP • Windows Server 2012 • Windows Server 2008 R2 • Windows Server 2008 • Mac OS 10.6 and later
Browser Supported	Latest version of Chrome, Firefox and Safari; Internet Explorer 8, 9 and 10
Language	English, Spanish, German, French, Italian, Dutch, Chinese Traditional, Chinese Simplified, Korean, Portuguese, Russian

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