Business Storage

Technical Specifications

	1-Bay NAS			2-Bay NAS			4-Bay NAS		
Hardware	CNS3420 Dual Core 700MHz CPU 256MB DRAM One (1) Serial ATA II channel One (1) Ethernet port Two (2) USB 3.0 ports Boots from HDD Kensington Lock			CNS3420 Dual Core 700MHz CPU 512MB DRAM Two (2) Serial ATA II channels Hot swappable trays Two (2) Ethernet ports Two (2) USB 3.0 ports One (1) USM port 256MB flash memory for OS Kensington Lock			CNS3420 Dual Core CPU 700MHz 512MB DRAM Four (4) Serial ATA II channels Hot swappable/lockable trays Two (2) Ethernet ports Two (2) USB 3.0 ports One (1) USM port 256MB flash memory for OS Kensington Lock LCD display panel with buttons		
Physical	Form factor: desktop 1-bay			Form factor: desktop 2-bay			Form factor: desktop 4-bay		
	Dimensions/Weight			Dimensions/Weight			Dimensions/Weight		
	Length (in/mm)	5.8/147		Length (in/mm)	10.8/275		Length (in/mm)	14.8/377	
	Width (in/mm)	2.4/60		Width (in/mm)	6.1/155		Width (in/mm)	9.7/247	
	Depth (in/mm)	6.8/172		Depth (in/mm)	12.2/310		Depth (in/mm)	9.4/240	
	Weight (lb/kg)	3.17/1.44		Weight (lb/kg)	8.21/3.73		Weight (lb/kg)	14.65/6.66	
Electrical	External power supply: 36W 100~240V AC, 50/60Hz			External power supply: 48W 100~240V AC, 50/60Hz			External power supply: 90W 100~240V AC, 50/60Hz		
Power	Operation mode (without external storage connected): 11W (approx) Power saving mode (HDD is OFF): 2W (approx)			Operation mode (without external storage and/or USM connected): 20W (approx) Power saving mode (HDD is OFF): 4W (approx)			Operation mode (without external storage and/or USM connected): 37W (approx) Power saving mode (HDD is OFF): 6W (approx)		
Thermal	Fanless			60mm cooling fan			92mm cooling fan		
Acoustics	≤3.6 bels			≤4 bels			≤4.2 bels		
Model Number	Region	Capacity[1]	Model Number	Region	Capacity[1]	Model Number	Region	Capacity[1]	Model Number
	AMER	2TB	STBM2000100	AMER	—	STBN100	AMER	—	STBP100
	AMER	3TB	STBM3000100	AMER	4TB	STBN4000100	AMER	4TB	STBP4000100
	AMER	4TB	STBM4000100	AMER	6TB	STBN6000100	AMER	8TB	STBP8000100
	EMEA	2TB	STBM2000200	AMER	8TB	STBN8000100	AMER	12TB	STBP12000100
	EMEA	3TB	STBM3000200	EMEA	—	STBN200	AMER	16TB	STBP16000100
	EMEA	4TB	STBM4000200	EMEA	4TB	STBN4000200	EMEA	—	STBP200
	APAC	2TB	STBM2000300	EMEA	6TB	STBN6000200	EMEA	4TB	STBP4000200
	APAC	3TB	STBM3000300	EMEA	8TB	STBN8000200	EMEA	8TB	STBP8000200
	APAC	4TB	STBM4000300	APAC	—	STBN300	EMEA	12TB	STBP12000200
				APAC	4TB	STBN4000300	EMEA	16TB	STBP16000200
				APAC	6TB	STBN6000300	APAC	—	STBP300
				APAC	8TB	STBN8000300	APAC	4TB	STBP4000300
							APAC	8TB	STBP8000300
							APAC	12TB	STBP12000300
							APAC	16TB	STBP16000300

1 One terabyte, or TB, equals one thousand billion bytes when referring to drive capacity.

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Seagate ®

Network Protocols
CIFS/SMB for Windows
AFP 3.3 for Mac OS 9/X
NFS v2/v3 for Linux and UNIX
HTTP/S for Web browsers
FTP/S
Rsync
iSCSI target support for Windows, Mac and UNIX/Linux initiators (available on 2-/4-bay)

Network Services
DHCP or static IP address assignment
NTP server synchronization
IEEE 802.3ad LACP support for load balancing and failover
Print server

RAID
Multiple volume support for RAID 0, 1, 5, 10 and JBOD for 4-bay; RAID 0, 1 and JBOD for 2-bay
Hot swappable disks (only on 4-bay)
Hot spare disk support
RAID volume expansion
RAID migration

Volume Management
EXT4 journaled file system
iSCSI LUN support
User and group quotas

User Security and Data Access
Local users and Active Directory/Windows Domain support
Secure Sockets Layer (SSL)
CHAP authentication for iSCSI LUN
Share-based access permission
Volume- and share-based data encryption
Seagate Global Access for Windows, Mac, Tablets, smartphone (iOS and Android)

System Management
Dashboard and browser-based management UI
Device health status
Email alerts

Media Streaming
DLNA
Apple® iTunes® server
UPnP

Backup
Integrated backup
Backup to/from USB/USM disks with programmable OneTouch® button
Backup software for Windows/Mac Clients
NAS-to-NAS backup with incremental or full backup
Time Machine support
Support of 3rd-party backup software

USB and USM Support
USB device support (USB 3.0/2.0)
USB HDD and flash drives (EXT3/EXT4/FAT/NTFS)
Hot Swappable USM drive (USM drive is on 2-bay and 4-bay)
Printers
UPS monitoring and auto shutdown

Power Management and Power-Saving
Disk spin-down
Smart system cooling fan
Power on/off schedule
Wake-on-LAN (WOL)

Supported Web Browsers
Internet Explorer 7.0+
Opera 9.5+; Safari 2.0+
Mozilla Firefox® 3.0+
Google Chrome

Supported Network Client OS
Microsoft Windows 7, Windows 8, Windows Vista, Windows XP
Windows Server 2008 R2, Windows Server 2003 SBS R2
Macintosh OS X 10.x
Linux, UNIX, Solaris

Languages
Management UI: English, German, French, Chinese, Korean, Italian, Spanish, Russian

Operating Environment
0°C to 40°C
20% to 80% humidity (noncondensing)

Compliance
FCC, CE, CCC, Nemho, KCC, RoHS compliance

Warranty
Seagate 3-Year Limited Warranty

www.seagate.com

AMERICAS   Seagate Technology LLC   10200 South De Anza Boulevard, Cupertino, California 95014, United States, 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 1-4186 10 00