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

<table>
<thead>
<tr>
<th>1-Bay NAS</th>
<th>2-Bay NAS</th>
<th>4-Bay NAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>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</td>
<td>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</td>
</tr>
<tr>
<td>Physical</td>
<td>Form factor: desktop 1-bay</td>
<td>Form factor: desktop 2-bay</td>
</tr>
<tr>
<td>Dimensions/Weight</td>
<td>Dimensions/Weight</td>
<td>Dimensions/Weight</td>
</tr>
<tr>
<td>Length (in/mm)</td>
<td>5.8/147</td>
<td>10.8/275</td>
</tr>
<tr>
<td>Width (in/mm)</td>
<td>2.4/60</td>
<td>6.1/155</td>
</tr>
<tr>
<td>Depth (in/mm)</td>
<td>6.8/172</td>
<td>12.2/310</td>
</tr>
<tr>
<td>Weight (lb/kg)</td>
<td>3.17/1.44</td>
<td>8.21/3.73</td>
</tr>
<tr>
<td>Electrical</td>
<td>External power supply: 36W 100~240V AC, 50/60Hz</td>
<td>External power supply: 48W 100~240V AC, 50/60Hz</td>
</tr>
<tr>
<td>Power</td>
<td>Operation mode (without external storage connected): 11W (approx) Power saving mode (HDD is OFF): 2W (approx)</td>
<td>Operation mode (without external storage and/or USM connected): 20W (approx) Power saving mode (HDD is OFF): 4W (approx)</td>
</tr>
<tr>
<td>Thermal</td>
<td>Fanless</td>
<td>60mm cooling fan</td>
</tr>
<tr>
<td>Acoustics</td>
<td>≤3.6 bels</td>
<td>≤4 bels</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Region</th>
<th>Capacity</th>
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<th>Region</th>
<th>Capacity</th>
<th>Model Number</th>
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<tbody>
<tr>
<td>AMER</td>
<td>2TB</td>
<td>STBM2000100</td>
<td>AMER</td>
<td>—</td>
<td>STBN100</td>
<td>AMER</td>
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<td>STBP100</td>
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<td>STBP16000300</td>
<td>APAC</td>
<td>16TB</td>
<td>STBP16000300</td>
<td></td>
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</tbody>
</table>
**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
- Reync
- 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