Harnessing the power of data to do amazing things

Your data is constantly growing and never sleeps. It is alive. From sleek portable hard drives that back up your latest projects, to wireless hard drives that instantly expand the capacity of your phones and tablets, to Open Compute and hyperscale server environments.

It’s not just petabytes of data that Seagate stores; it’s our libraries, our memories and our ideas. Simply put, it is Us. Seagate gives people peace of mind and has been a storage leader from the beginning. Our dedication to customers and our relationships with OEMs and retailers have made Seagate a trusted source for protecting the world’s information.
Choose your solution

Seagate creates space for the human experience, developing products that enable people and businesses worldwide to create, share and preserve precious memories and critical business data. As demand for information has grown, the need for greater efficiency and advanced storage capabilities continues to evolve. Today data is more than just archived; it is analyzed information with patterns and behavior, full of experiences and memories.
## Contents

### EXTERNAL PRODUCTS

<table>
<thead>
<tr>
<th>Category</th>
<th>Product Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BACKUP</td>
<td>BACKUP PLUS PORTABLE</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>BACKUP PLUS SLIM PORTABLE</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>BACKUP PLUS SLIM PORTABLE FOR MAC</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>BACKUP PLUS FAST PORTABLE</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>SEVEN</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>EXPANSION PORTABLE</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>BACKUP PLUS DESKTOP</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>BACKUP PLUS DESKTOP FOR MAC</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>EXPANSION DESKTOP</td>
<td>9</td>
</tr>
<tr>
<td>STREAM</td>
<td>WIRELESS</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>WIRELESS PLUS</td>
<td>11</td>
</tr>
<tr>
<td>SHARE</td>
<td>PERSONAL CLOUD</td>
<td>13</td>
</tr>
<tr>
<td>ACCESS</td>
<td>NAS</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>NAS PRO</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>WSS NAS</td>
<td>16</td>
</tr>
<tr>
<td>INTERNAL PRODUCTS</td>
<td>UPGRADE</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>LAPTOP SSHD</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>LAPTOP HDD</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>LAPTOP ULTRATHIN HDD</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>ULTRA-MOBILE HDD</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>DESKTOP SSHD</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>DESKTOP HDD</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>SHARED ACCESS</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>NAS HDD</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>ENTERPRISE NAS HDD</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>ENTERPRISE CAPACITY 3.5 HDD</td>
<td>26</td>
</tr>
<tr>
<td>RECORD</td>
<td>VIDEO 2.5 HDD</td>
<td>29</td>
</tr>
<tr>
<td></td>
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<td>29</td>
</tr>
<tr>
<td></td>
<td>SURVEILLANCE HDD</td>
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</tr>
<tr>
<td></td>
<td>ENTERPRISE CAPACITY 3.5 HDD</td>
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<td>DATA CENTER PRODUCTS</td>
<td>NYTRIO® FLASH CARD</td>
<td>35</td>
</tr>
<tr>
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<td>1200 SSD</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>ENTERPRISE PERFORMANCE 15K HDD</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>ENTERPRISE PERFORMANCE 10K HDD</td>
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</tr>
<tr>
<td></td>
<td>STORE</td>
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</tr>
<tr>
<td></td>
<td>ENTERPRISE CAPACITY 3.5 HDD</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>ENTERPRISE CAPACITY 2.5 HDD</td>
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</tr>
<tr>
<td></td>
<td>Terascale® HDD</td>
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<td></td>
<td>KINETIC HDD</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>ARCHIVE</td>
<td>43</td>
</tr>
<tr>
<td></td>
<td>CLOUD SYSTEMS AND SOLUTIONS</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>RESOURCES, SERVICES AND SUPPORT</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>PARTNER RESOURCES AND BENEFITS</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>SERVICE AND SUPPORT</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>DATA RECOVERY</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>GLOSSARY</td>
<td>48</td>
</tr>
</tbody>
</table>
External Products

Seagate external storage solutions are sleek, dependable products that let your customers automatically and continuously store digital family photos, protect and access critical business data, back up multiple computers on a small network, and stream and share videos and music.

Backup
- Protect your digital life
- Backup Plus Portable
- Backup Plus Slim
- Backup Plus Fast Seven
- Expansion Portable
- Backup Plus Desktop
- Expansion Desktop
- Laptop & Desktop

Stream
- Expand your tablet and phone
- Wireless
- Wireless Plus
- Tablet & Phone

Share
- Turn your home into a personal cloud
- Personal Cloud
- Laptop, Desktop, Tablet, Phone & TV

Access
- Optimize your business with network-attached storage
- NAS
- NAS Pro
- Business Storage
- Windows Server
- Laptop, Desktop, Tablet & Phone
Seagate offers the widest range of portable and desktop drives in many colors and finishes with capacities from 500GB to 8TB. All drives allow easy backup, whether you are at home or away; they help protect your entire digital life locally, in the cloud, from mobile devices or from social networks.

Backup Plus Portable

The Backup Plus Portable Drive offers the mobility of a portable with the high capacity of a desktop drive.

**4TB | USB 3.0 | PC, Mac**

**Key Advantages**
- Mobility of a portable drive with the high capacity of a desktop drive
- Large 4TB capacity to store and carry your movie, music and photo collections
- Up to 53.6% thinner than comparable 4TB drives
- Easy, flexible backups for your computers, tablets and smartphones

**Best-Fit Applications**
- Store and carry large digital media libraries
- Backup for all your devices and social networks in one drive
- Portable design, completely bus powered

<table>
<thead>
<tr>
<th>Capacity</th>
<th>500GB</th>
<th>4TB</th>
<th>2TB, 1TB, 500GB</th>
<th>4TB</th>
<th>2TB, 1TB, 500GB</th>
<th>8, 6, 5, 4, 3, 2TB</th>
<th>5, 4, 3, 2TB</th>
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<tbody>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</tbody>
</table>

Backup Plus Slim Portable

The Backup Plus Slim Portable Drive is the simple way to protect and share your entire digital life.

**500GB – 2TB | USB 3.0 | PC, Mac**

**Key Advantages**
- Thinnest 2TB portable drive available, up to 42% thinner
- Easy, flexible backups
- Backup photos and videos from smart phones and tablets
- Automatically saves photos from social networks
- Photos and videos can be shared to social networks with a click

**Best-Fit Applications**
- Store or back up photos, movies, music and documents
- Mobile device backup
- Download and save content that’s posted on your social networks

<table>
<thead>
<tr>
<th>Capacity</th>
<th>500GB</th>
<th>2TB, 1TB, 500GB</th>
<th>4TB</th>
<th>2TB, 1TB, 500GB</th>
<th>8, 6, 5, 4, 3, 2TB</th>
<th>5, 4, 3, 2TB</th>
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</thead>
<tbody>
<tr>
<td>Portable</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Backup Plus Slim Portable for Mac
The Backup Plus Slim Portable Drive for Mac is the simple way to protect and share your entire digital life.

500GB – 2TB | USB 3.0 | PC, Mac

Key Advantages
• Mac OS and Time-Machine ready out of the box
• Back up photos and videos from smart phones and tablets
• Automatically saves photos from social networks

Best-Fit Applications
• Store or back up photos, movies, music and documents
• Mobile device backup
• Download and save content that’s posted on your social networks

Backup Plus Fast Portable
The Backup Plus Fast Portable Drive has up to 2x the capacity and performance of other portable drives.

4TB | USB 3.0 | PC, Mac

Key Advantages
• Up to 2x faster than other portable drives, up to 220MB/s
• No external power supply required
• Back up content from smart phones, tablets and computers

Best-Fit Applications
• High data traffic applications such as video editing and streaming
• Carry your entire digital library with you on the go
• Portable design, completely bus powered
• Mobile device backup

backup plus fast
PRODUCT
DIMENSIONS
(2TB, 2.5"
4.47-in L × 2.99-in W × 0.48-in D
(113.6mm × 76mm × 12.1mm)

PACKAGE
DIMENSIONS
5.71-in L × 4.11-in W × 1.28-in D
(145mm × 104.6mm × 32.5mm)

Seven™
The Seven Portable Drive exemplifies advanced storage R&D with world-class industrial design to create the slimmest way to carry 500GB of data.

500GB | USB 3.0 | PC, Mac

Key Advantages
• Celebrates over 35 years of storage expertise and innovation at only 7mm slim
• Seagate’s most advanced 5mm drive technology
• Precision-crafted, super-thin 100% stainless steel enclosure
• Stylish, premium braided USB 3.0 cable
• Compatible with Windows and Mac without setup or installation

Best-Fit Applications
• Elegant and stylish data storage
• Rugged, ultra-portable storage for photo, movies, music and documents
• Mobile device backup
• Cross-platform Windows and Mac file transfer

Seven
PRODUCT
DIMENSIONS
0.276-in L × 3.228-in W × 0.48-in D
(7mm × 82mm × 12.1mm)

PACKAGE
DIMENSIONS
0.866-in L × 6.024-in W × 6.024-in D
(22mm × 153mm × 153mm)

Expansion Portable
The Expansion Portable Drive is compact and perfect for taking large files with you on the go.

500GB – 2TB | USB 3.0 | PC

Key Advantages
• Simple and straightforward setup
• Powered from the USB cable
• Saving files is easy—simply drag and drop
• USB 3.0 interface allows fast transfer speeds

Best-Fit Applications
• Instantly add more storage space to your computer
• Take large files with you when you travel

Expansion
PRODUCT
DIMENSIONS
4.61-in L × 3.15-in W × 0.58-in D
(117mm × 80mm × 14.8mm)

PACKAGE
DIMENSIONS
5.51-in L × 4.06-in W × 1.22-in D
(140mm × 103mm × 31mm)

Seven
PRODUCT
DIMENSIONS
(1TB, 2TB)
4.47-in L × 2.99-in W × 0.48-in D
(113.6mm × 76mm × 12.1mm)

PACKAGE
DIMENSIONS
5.71-in L × 4.11-in W × 1.28-in D
(145mm × 104.6mm × 32.5mm)

Backup Plus Slim
PRODUCT
DIMENSIONS
(500GB)
4.47-in L × 2.99-in W × 0.38-in D
(113.5mm × 76mm × 9.6mm)

PACKAGE
DIMENSIONS
5.71-in L × 4.11-in W × 1.28-in D
(145mm × 104.6mm × 32.5mm)

Expansion
PRODUCT
DIMENSIONS
4.61-in L × 3.15-in W × 0.58-in D
(117mm × 80mm × 14.8mm)

PACKAGE
DIMENSIONS
5.51-in L × 4.06-in W × 1.22-in D
(140mm × 103mm × 31mm)
Backup Plus Desktop
The Backup Plus Desktop Drive for Mac is the simple, one-click way to protect and share your entire digital life.

**Key Advantages**
- Easy, flexible backups
- Back up photos and videos from smart phones and tablets
- Automatically saves photos from social networks
- Photos and videos can be shared to social networks with a click

**Best-Fit Applications**
- Store or back up photos, movies, music and documents.
- Mobile device backup
- Download and save content that’s posted on your social networks

**Backup Plus Desktop for Mac**
The Backup Plus Desktop Drive for Mac is the simple, one-click way to protect and share your entire digital life.

**Key Advantages**
- Back up photos and videos from smartphones and tablets
- Mac OS and Time Machine ready right out of the box
- Automatically saves photos from social networks
- Share photos and video to social networks with a click

**Best-Fit Applications**
- Mobile device backup
- Back up all your important files
- Download and save content that’s posted on your social networks
- Share your digital memories to your social networks

---

Expansion Desktop
The Expansion Desktop Drive provides extra storage for your ever-growing collection of files.

**Key Advantages**
- Simple and straightforward setup
- No software to install and nothing to configure
- Saving files is easy—simply drag and drop
- USB 3.0 interface allows fast transfer speeds

**Best-Fit Applications**
- Instantly add more storage space to your computer
- Improve performance on your computer’s internal drive by freeing up space on your internal drive
Stream
Seagate offers two versions of compelling portable drives in a variety of high capacities that can stream your content wirelessly. No wires, no Web. Bring along hundreds of movies and thousands of songs, photos and files to stream to your tablet or smartphone—anytime, anywhere. When streaming wirelessly, consumers don’t have to worry about maxing out the capacity of their favorite device or their data usage plan.

Wireless
With Wireless Mobile Device Storage, you can stream your media and access your files without wires or the Internet.

500GB | USB 2.0 | PC, Mac, Mobile Devices

Key Advantages
• Take your media library with you on the go
• Share media with up to three Wi-Fi enabled devices at the same time
• Use anywhere, without an Internet connection

Best-Fit Applications
• Store and carry movies and other media on the go
• Share media with others

<table>
<thead>
<tr>
<th>Wireless Plus</th>
<th>Wireless</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perfect for</td>
<td>Mobile storage for tablets and smartphones</td>
</tr>
<tr>
<td>Capacity</td>
<td>2TB, 1TB, 500GB</td>
</tr>
<tr>
<td>Interface</td>
<td>WiFi and USB 3.0</td>
</tr>
<tr>
<td>Compatible Platform</td>
<td>PC, Mac, Android, iOS, Kindle</td>
</tr>
<tr>
<td>Simultaneous Device Streaming</td>
<td>Up to 8</td>
</tr>
</tbody>
</table>

Wireless Plus
With Wireless Plus Mobile Device Storage, you can enjoy your media and access your files without wires or the Web.

500GB – 2TB | USB 3.0 | PC, Mac, Mobile Devices

Key Advantages
• Synchronize your Dropbox and Google Drive folders to Wireless Plus
• Take your media library with you on the go
• Share media with up to eight Wi-Fi enabled devices at the same time
• Use anywhere, without an Internet connection
• Up to 10 hours battery life

Best-Fit Applications
• Store and carry movies and other media on the go
• Share media with others
• Works with iOS and Android smartphones and tablets, Amazon Kindle Fire tablets and Windows 8 PCs and tablets

<table>
<thead>
<tr>
<th>Wireless Plus</th>
<th>Wireless</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perfect for</td>
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<td>Interface</td>
<td>WiFi and USB 3.0</td>
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<tr>
<td>Compatible Platform</td>
<td>PC, Mac, Android, iOS, Kindle</td>
</tr>
<tr>
<td>Simultaneous Device Streaming</td>
<td>Up to 8</td>
</tr>
</tbody>
</table>
Customers are looking for lots of capacity and a cool, secure place to load and store all of their favorite music and movies along with a lifetime of photos. Wherever there is an Internet connection, there is always a way back home to a Personal Cloud. Stream and share all content to top-selling Smart TVs and mobile devices.

**Personal Cloud, Personal Cloud 2-bay**

Personal Cloud Home Media Storage allows you to create your very own cloud that is accessible outside the home.

| 3TB – 8TB | GigE | PC, Mac, Mobile Devices |

**Key Advantages**
- Centralized backup for multiple computers
- Stream your media library to gaming consoles, media players and smart TVs
- Access your files on-the-go from computers, tablets and smartphones

**Best-Fit Applications**
- Consolidate content on one easily accessible device
- Secure remote access from any computer mobile device
- Share with anyone and any device in a connected home

<table>
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<th>Perfect for</th>
<th>Home media storage</th>
<th>Home media storage, with double protection for files</th>
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<tr>
<td>Number of Drives</td>
<td>1 drive</td>
<td>2 drives</td>
</tr>
<tr>
<td>Capacities</td>
<td>5, 4, 3TB</td>
<td>8, 6, 4TB</td>
</tr>
</tbody>
</table>
| Features | • Automatic backup for PC, Mac and mobile devices  
• Streams media to Samsung TV, Apple TV, Roku, LG TVs, Chromecast, or DLNA  
• Remotely access files from PC or Mac with Sdrive™ software and from mobile devices with the Seagate Media App |
Access

The Seagate NAS family, available in capacities up to 30TB, allows companies to spend valuable time focused on growing the business and less time worrying if critical files are secure or accessible. With the easy-to-use NAS OS 4 on board, customers can keep their team working efficiently, sharing and managing their projects like never before and from anywhere.

### NAS 2-bay, 4-bay

The Seagate NAS Family is a full-featured network storage solution offering the easiest setup and the industry’s most intuitive interface.

**2-bay:** 0TB – 10TB  |  GigE  |  PC, Mac

**4-bay:** 0TB – 20TB  |  GigE  |  PC, Mac

**Key Advantages**
- Effortlessly configure and set up multiple devices with NAS OS 4
- Ideal for businesses with up to 25 employees
- Seagate NAS HDDs engineered to run 24x7
- Seagate Sdrive™ gives intuitive access from any place and device

**Best-Fit Applications**
- Make automatic, continuous backups
- Store files in a secure, central location
- Access and manage files remotely using Internet-connected devices
- Create cost-effective, private cloud storage
- Encrypt individual files to entire volumes of data

### NAS Pro 2-bay, 4-bay, 6-bay

Seagate NAS Pro Family is perfect for a growing business with increased storage demands looking to access their own secure, private cloud anywhere, anytime.

**2-bay:** 0TB – 10TB  |  GigE  |  PC, Mac

**4-bay:** 0TB – 20TB  |  GigE  |  PC, Mac

**6-bay:** 0TB – 30TB  |  GigE  |  PC, Mac

**Key Advantages**
- Effortless and intuitive interface with NAS OS 4 makes managing content a breeze
- Accessible anywhere, Internet connectivity is available without learning anything new with Sdrive™
- File History and Time Machine backup compatible
- NAS HDD comes with the reliability and performance needed for any business

**Best-Fit Applications**
- Small business with up to 50 employees
- NAS OS 4 works seamlessly with both PC and Mac environments
- Creative professionals looking to collaborate high speeds
- Capacity expansion capabilities with Seagate SimplyRAID™

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### External Products | Access

<table>
<thead>
<tr>
<th>NAS 2-Bay</th>
<th>NAS 4-Bay</th>
<th>NAS Pro 2-Bay</th>
<th>NAS Pro 4-Bay</th>
<th>NAS Pro 6-Bay</th>
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<td></td>
<td></td>
</tr>
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<td>10TB (2 x 5TB)</td>
<td>20TB (4 x 5TB)</td>
<td>10TB</td>
<td>20TB</td>
<td>30TB</td>
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<td>8TB (2 x 4TB)</td>
<td>16TB (4 x 4TB)</td>
<td>8TB</td>
<td>16TB</td>
<td>24TB</td>
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<td>4TB (2 x 2TB)</td>
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<td>0TB</td>
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<td><strong>Processor</strong></td>
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<td>Yes, via NAS to NAS or NAS to cloud storage</td>
<td>Yes, via NAS to NAS or NAS to cloud storage</td>
<td>Yes, via NAS to NAS or NAS to cloud storage</td>
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<td><strong>Warranty, Limited</strong></td>
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</table>
Seagate WSS NAS Network Storage is a powerful, affordable, easy-to-use, cloud-ready solution for small businesses with up to 50 users.

**2-bay**: 0TB – 4TB | GigE | PC

**4-bay**: 0TB – 8TB | GigE | PC

**6-bay**: 0TB – 12TB | GigE | PC

**Key Advantages**
- Native cloud integration and connectivity to the Microsoft ecosystem
- Native support for Active Directory lets you simplify setup and manage users through an existing directory
- Simplified collaboration
- Secure remote access

**Best-Fit Applications**
- Branch offices with up to 50 employees
- Growing businesses utilizing Windows IT infrastructure
- Centralize management and integration with other Windows Servers

**WSS NAS 2-bay**
- **PRODUCT DIMENSIONS**: 4.72-in W × 8.543-in H × 6.791-in D (120.00mm × 217.00mm × 172.5mm)
- **PACKAGE DIMENSIONS**: 10.63-in W × 12.441-in H × 9.055-in D (270.00mm × 316.00mm × 230.00mm)

**WSS NAS 4-bay**
- **PRODUCT DIMENSIONS**: 6.811-in W × 8.543-in H × 6.791-in D (173.00mm × 217.00mm × 172.5mm)
- **PACKAGE DIMENSIONS**: 12.756-in W × 12.441-in H × 9.055-in D (324.00mm × 316.00mm × 230.00mm)

**WSS NAS 6-bay**
- **PRODUCT DIMENSIONS**: 9.252-in W × 8.543-in H × 6.791-in D (235.00mm × 217.00mm × 172.5mm)
- **PACKAGE DIMENSIONS**: 15.118-in W × 12.885-in H × 9.606-in D (384.00mm × 320.00mm × 244.00mm)
Internal Products

Seagate has the industry’s broadest portfolio of drives created and tailored specifically for your applications. Seagate’s full line of solid state hybrid drives (SSHD) provide you with the capacity you need and the performance you crave for your games and other applications running on desktop and laptop PCs. Seagate’s portfolio of 24×7 NAS drives is designed to optimize consumer, business and enterprise applications. Seagate also has drives designed specifically for the unique workloads of surveillance and video recording systems. Choose the Seagate drive that’s best for you.
Laptop SSHD, Laptop Thin SSHD

Boot faster. Load faster. Shoot faster.

500GB – 1TB | SATA 6Gb/s | 7mm, 9.5mm

Key Advantages
• Easy PlayStation or laptop upgrade saves time and improves productivity
• Hybrid drives fuse the blazing speed of SSD with the high capacity of a hard drive
• Performs up to 5x faster than a traditional 7200-RPM HDD
• Thin 9.5mm drive for mobile devices
• Seagate Secure™ Self-Encrypting Drive (SED) options

Best-Fit Applications
• Laptops, desktops, ultrabooks and tablets
• High-performance gaming systems
• Small form factor all-in-one PCs

Laptop HDD, Laptop Thin HDD

Feature-rich, slim, lightweight style at price and capacity points that enable no-compromise designs for thin computing

Laptop: 1TB – 2TB | SATA 6Gb/s | 9.5mm

Key Advantages
• Available as a Self-Encrypting Drive (SED) and FIPS 140-2 SED
• Compatible with SATA 6Gb/s and 3Gb/s designs
• Backed by a 2-year limited warranty

Best-Fit Applications
• Traditional laptops
• Small form factor PCs
• Convertible and detachable storage
• Slim consumer electronics devices
**Laptop Ultrathin HDD**

3 ounce, 5mm hard drives for ultrabooks and slim laptops with SED option

320GB, 500GB | SATA 6Gb/s | 5mm

**Key Advantages**
- The thinnest, lightest and most affordable hard drives designed for slim laptops and ultrabooks
- 5mm, 3.3 oz laptop drive delivers optimum performance in a minimal footprint
- Implement up to 500GB of storage capacity in 25% less space
- Seagate Secure™ Self-Encrypting Drive (SED) option

**Best-Fit Applications**
- Slim laptops or ultrabooks
- Extending high-capacity, affordable storage into other applications and slim devices
- Backup storage

---

**Desktop SSHD**

Solid state hybrid drives deliver speed and capacity for gaming and high-performance desktop applications.

1TB – 4TB | SATA 6Gb/s | 64MB Cache | 8GB MLC Flash

**Key Advantages**
- For a richer gaming experience, Seagate SSHDs deliver faster map load speed for non-stop performance and play
- Get the kick of an integrated solid state drive (SSD) with the massive 4TB capacity of a hard drive—all at a surprisingly low price!
- Boots Windows 8 in less than 10 seconds
- Performs up to 5× faster than 7200 RPM desktop hard drives
- Improves overall system responsiveness by 30% or more

**Best-Fit Applications**
- Desktop PCs
- Workstations
- High-performance direct-attached storage (DAS) devices

---

**Ultra Mobile HDD**

Just 5mm thin and supported by a stainless steel design, the Seagate Ultra Mobile HDD is ready for mobility.

500GB | SATA 6Gb/s | 5mm

**Key Advantages**
- 500GB brings 7× more space to tablet applications at a fraction of the cost
- Zero-gravity sensors provide extra drop protection
- Improved shock and tolerance for gyroscopic motion supports even the intense maneuvers of gamers
- Just 3.3 oz—about the weight of a lightbulb

**Best-Fit Applications**
- Tablets
- Convertible and detachable storage
- Ultra-mobile, ultra-portable storage expansion apps

---

**Desktop HDD**

The one drive for every desktop system need, supported by 30 years of trusted performance, reliability and simplicity.

250GB – 4TB | SATA 6Gb/s | 64MB Cache

**Key Advantages**
- Store as much desktop data as you need with multiple capacities up to 4TB
- Store data faster with SATA 6Gb/s interface that optimizes burst performance
- Rest easy knowing your drive delivers dependable performance with Seagate AcuTrac™ servo technology
- Have confidence with safe, fast and easy drive retirement provided by Instant Secure Erase feature
- Protect your data with Seagate Secure™ models

**Best-Fit Applications**
- Desktop systems
- All-in-one PCs
- Entry-level home servers
Shared Access

Network-attached storage (NAS) drives are designed to sustain high levels of performance while enduring a 24×7 workload in an enclosure with multiple operating drives. The NAS HDD and the Enterprise NAS HDD are optimized with the highest capacity, robust shock tolerance, silent acoustics and excellent reliability features so you can collaborate, share and stream content from home, the office or your own private cloud.

### NAS HDD

Optimize performance and reliability for your 24×7 NAS and RAID workloads in 1- to 8-bay solutions with drives featuring NASWorks™ technology.

- **2TB – 4TB | SATA 6Gb/s | 64MB Cache**

**Key Advantages**
- Specifically designed to minimize rotational vibration (RV) effects typically found in multi-drive solutions, improving system performance and reliability
- Advanced power profiles tailor low power options for always-on NAS applications
- Extended error recovery controls help to ensure drives comply with NAS system requirements for better data integrity
- 3-year limited warranty so you can rest easy with your drive choice
- Available with Rescue Data Recovery Services plan

**Best-Fit Applications**
- Home servers or desktop NAS solutions
- Small-business file sharing
- Backup servers

### Enterprise NAS HDD

Designed to combine up to 6TB of industry-leading capacity with reliability and performance for SMB and private cloud NAS and RAID storage systems with 4 to 16 bays

- **2TB – 6TB | SATA 6Gb/s | 128MB Cache**

**Key Advantages**
- NAS-optimized performance for higher write workloads often reflected in NAS applications
- RAID Rebuild™ technology speeds up time-consuming complete RAID rebuilds
- Specifically designed to minimize rotational vibration (RV) effects typically found in multi-drive solutions, improving system performance and reliability
- Extended error recovery controls help to ensure drives comply with NAS system requirements for better data integrity
- 5-year limited warranty so you can rest easy with your drive choice
- Available with Rescue Data Recovery Services plan

**Best-Fit Applications**
- Backup and disaster recovery
- Multimedia server and storage
- Archiving and cloud replication
- On-premise private cloud
Enterprise Capacity 3.5 HDD

Store up to 6TB of data without sacrificing performance.

1TB – 6TB | SATA 6Gb/s, 12Gb/s SAS | 128MB Cache

Key Advantages

• Quickly access and store your data with blazingly fast random and sequential read/write performance
• Enjoy peace of mind with eighth-generation drive technology for reliable access to bulk storage of unstructured data
• Have confidence with a drive that provides rotational vibration tolerance to ensure consistent performance
• Relax with a drive that delivers easy integration into replicated and RAID storage systems with 12Gb/s SAS and SATA 6Gb/s interface options

Best-Fit Applications

• Massive scale-out NAS environments
• High-density NAS solutions
• Mainstream enterprise external storage (SAN, NAS, DAS)
• Cloud bulk data storage
• Enterprise backup and restore—D2D, virtual tape
Record

Our surveillance, 2.5- and 3.5-inch video HDDs are designed to be quiet and reliable in NVR, DVR and surveillance systems. These drives are cost-effective in very demanding consumer environments that need the versatility to go with the higher capacities.

**Video 2.5 HDD**

Seagate Video 2.5 HDDs let you stream, record and play back your video content with unparalleled reliability and performance.

- **320GB – 500GB | SATA 3Gb/s | 16MB Cache**

**Key Advantages**
- Virtually silent streaming performance as low as 19dB
- Built for 24x7 operation and low power consumption
- Small, 2.5-inch form factor allows system cost reduction and operational power savings
- 0.55% AFR supports longevity in demanding consumer electronic environments

**Best-Fit Applications**
- DVR and media center applications
- Home theater PCs
- Karaoke and audio jukeboxes
- Cable, satellite and IPTV set-top boxes
- In-camera or surveillance systems

<table>
<thead>
<tr>
<th>Video 3.5 HDD</th>
<th>Video 2.5 HDD</th>
<th>Surveillance HDD</th>
<th>Enterprise Capacity 3.5 HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Perfect for</strong></td>
<td>Consumer DVR and set-top boxes</td>
<td>Small footprint DVR and set-top boxes</td>
<td>Entry-level SDVR to NVR storage for residential to SMB</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>4TB, 3TB, 2TB, 1TB, 500GB, 320GB</td>
<td>500GB, 320GB</td>
<td>6TB, 5TB, 4TB, 3TB, 2TB, 1TB</td>
</tr>
<tr>
<td><strong>Key Feature</strong></td>
<td>Encryption</td>
<td>Simplifies cloud storage infrastructure</td>
<td>Data recovery option</td>
</tr>
<tr>
<td><strong>Camera Supported</strong></td>
<td>up to 32</td>
<td>100+</td>
<td></td>
</tr>
<tr>
<td><strong>Video Streaming Capabilities</strong></td>
<td>Easily manages up to 16 simultaneous HD streams</td>
<td>Easily manages up to 12 simultaneous HD streams</td>
<td></td>
</tr>
<tr>
<td><strong>Rescue Data Recovery Services Plan Option</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Warranty, Limited</strong></td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
</tr>
</tbody>
</table>

**Video 3.5 HDD**

Seagate Video 3.5 HDDs deliver unprecedented levels of acoustic, power and vibration performance with room for hundreds of your favorite movies.

- **250GB – 4TB | SATA 6Gb/s | 8MB, 64MB Cache**

**Key Advantages**
- Quiet drive operation to enhance customer viewing and listening experiences
- 75°C, 24-hour operation capable
- Operational power consumption as low as 3.4W
- 2.0A spin-up current limited

**Best-Fit Applications**
- Consumer digital video recorders
- Media servers and centers
- Home theater PCs and servers
- Cable, satellite and IPTV set-top boxes
Surveillance HDD
The Seagate Surveillance HDD is purpose-built surveillance storage that improves video streaming, drive performance and data integrity in surveillance applications.

1TB – 6TB | SATA 6Gb/s | 64MB, 128MB Cache

Key Advantages
- Precision-tuned for high write surveillance workloads operating 24x7
- Capacities up to 6TB support 8+ drives and up to 64 cameras per system
- Reliably performs in multi-drive systems with RAID support
- Available with Rescue Data Recovery Services plan

Best-Fit Applications
- Network video recorder (NVR)
- Embedded SDVR
- Hybrid SDVR
- Surveillance DVR

Enterprise Capacity 3.5 HDD
The Seagate Enterprise Capacity 3.5 HDDs help centralized or cloud surveillance systems and systems leveraging high levels of video analytics.

1TB – 6TB | SATA 6Gb/s, 12Gb/s SAS | 128MB Cache

Key Advantages
- Highest-capacity enterprise drive for maximum density server and storage solutions
- SAS and SATA interfaces with 24x7 reliability
- Predictable performance even in the most rugged multi-drive environments
- Improved power and cooling efficiencies with low power consumption and on-demand PowerChoice™ technology
- Protect your data and ease data disposal costs and management with the Self-Encrypting Drive (SED)

Best-Fit Applications
- Massive scale-out surveillance environments
- High-density data centers
- Mainstream enterprise external storage (SAN, NAS, DAS)
- Cloud bulk data storage
- Enterprise backup and restore
- Centralized surveillance
Data Center Products

Seagate is innovating storage to meet the ever-changing dynamics of IT, enabling our customers to remain competitive and relevant. In addition, Seagate products effectively help solve storage issues within high-performance computing (HPC), transaction processing, bulk data applications, and object-based and cold storage applications.

- **Compute**
  - Intensive processing power needed for mission-critical applications
  - Nytro® Flash Card
    - 1200 SSD
  - Enterprise Performance
    - 15K HDD
    - 10K HDD
  - High-Performance Computing
    - Big Data Analytics
    - Transaction Processing

- **Store**
  - Massive nearline storage for bulk data, requiring 24×7 operation
  - Enterprise Capacity 3.5 HDD
  - Enterprise Capacity 2.5 HDD
  - Terascale® HDD
  - Kinetic HDD
  - Content Storage
    - Cloud Hyperscale
    - Object-Based Storage

- **Archive**
  - Cost-effective storage for less frequently accessed data
  - Archive HDD
  - Cold Storage
    - Data Archiving
Compute

With a lineup of products that ranges from PCIe-based flash cards for hyperconverged, open source and cloud deployments, to SAS solid state drives for demanding database and virtual environments, to 10K and 15K HDDs with TurboBoost™ technology that are the storage backbone of many high-performance systems, Seagate provides the processing power for mission-critical applications like high-performance computing, big data analytics and transaction processing.

**Nytro® Flash Accelerator Card**

Nytro Flash Accelerator Cards, with outstanding performance, low latency and improved data center efficiency, are changing how storage is architected.

1.3TB – 3.2TB | PCIe 3.0, PCIe 2.0 | MLC and eMLC Flash

**Key Advantages**

- Broadest PCIe-based flash portfolio with solutions tuned to address specific customer challenges
- Delivers high response times, density, improved thermals, endurance and serviceability
- Offload architecture minimizes requirements on host CPU and memory
- Enterprise quality and reliability

**Best-Fit Applications**

- Demanding databases
- Web cloud and open source deployments
- Software-defined storage

<table>
<thead>
<tr>
<th>Nytro®</th>
<th>1200 SSD</th>
<th>Enterprise Performance 15K HDD</th>
<th>Enterprise Performance 10K HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perfect for</td>
<td>HPC, data analytics</td>
<td>Complex, write-intensive workloads</td>
<td>Database, online search, high-performance RAID</td>
</tr>
<tr>
<td>Capacity</td>
<td>3.2TB, 1.86TB, 1.79TB, 1.75TB, 1.3TB</td>
<td>800GB, 400GB, 200GB</td>
<td>600GB, 300GB</td>
</tr>
<tr>
<td>Interface</td>
<td>PCIe</td>
<td>12Gb/s SAS</td>
<td>12Gb/s SAS</td>
</tr>
<tr>
<td>Form Factor</td>
<td>Full height, half length and half height, half length</td>
<td>2.5-inch</td>
<td>2.5-inch</td>
</tr>
<tr>
<td>Use in Servers</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Use in Storage Arrays</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**1200 SSD**

The Seagate 1200 SSD delivers best-in-class performance and a rich enterprise feature set for demanding data center applications.

200GB – 800GB | SAS 12Gb/s | MLC Flash

**Key Advantages**

- Helps remove storage bottlenecks and close the gap between processor and data access performance
- Delivers the speed and performance consistency needed for demanding enterprise applications
- Improves ROI by leveraging existing SAS servers, accommodating SAS infrastructure scalability, and a proven SCSI command set
- Features power loss data protection to save data/operations in process
- Ensures data availability for critical production systems by using redundant, failover I/O communication paths

**Best-Fit Applications**

- IOPS-hungry enterprise applications
- Server virtualization
- High-performance databases
- Software-defined storage
- External enterprise storage solutions (SAN, NAS, DAS)
Enterprise Performance 15K HDD

Improve your server response times.

300GB, 600GB | 12Gb/s SAS | 128MB Cache

Key Advantages

• Complete more transactions in less time with TurboBoost™ technology
• Only 12Gb/s SAS drives certified for VMware Virtual SAN
• Seagate Secure™ drives with Instant Secure Erase for easy disposal
• Protect data with Self-Encrypting Drive (SED) models

Best-Fit Applications

• Mission-critical servers and external storage arrays
• High-performance Tier 1 enterprise servers
• Blade, rack and tower servers hosting transaction-based applications
• Power- and space-constrained data centers
• Compliance and data security initiatives

Enterprise Performance 10K HDD

Perfect balance of high capacity and high performance

600GB – 1.8TB | 12Gb/s SAS | 128MB Cache

Key Advantages

• Complete more transactions faster with TurboBoost™ enhanced cache
• Low power that data centers need to reduce IT operating costs
• Future-proof with 12Gb/s SAS and Advanced Format options
• Protect data with Self-Encrypting Drive (SED) models

Best-Fit Applications

• Mission-critical servers and external storage arrays
• High-performance Tier 1 enterprise servers
• Blade, rack and tower servers hosting transaction-based applications
• Power- and space-constrained data centers
• Compliance and data security initiatives
Enterprise Capacity 3.5 HDD

The Seagate Enterprise Capacity 3.5 HDDs help both private and public data centers meet the demanding growth of unstructured data.

1TB – 6TB | SATA 6Gb/s, 12Gb/s SAS | 128MB Cache

Key Advantages
- Highest-capacity enterprise drive for maximum density server and storage solutions
- Engineered for 24×7 workloads of 550TB/yr
- Predictable 7200-RPM performance even in the most rugged multi-drive environments
- Improved power and cooling efficiencies with low power consumption and on-demand PowerChoice™ technology
- Protect your data and ease data disposal costs and management with the Self-Encrypting Drive (SED) and FIPS 140-2 certified SED

Best-Fit Applications
- Massive scale-out storage environments
- High-density data centers
- Mainstream enterprise external storage (SAN, NAS, DAS)
- Cloud bulk data storage
- Enterprise backup and restore—D2D, virtual tape
- Centralized surveillance
- High-density NAS solutions

Enterprise Capacity 2.5 HDD

Store large amounts of data without using a ton of space with up to 2TB in storage on a 2.5-inch form factor.

250GB – 2TB | SATA 6Gb/s, 12Gb/s SAS | 128MB Cache

Key Advantages
- Quickly access high-integrity data in a secure manner with either 12Gb/s SAS or SATA 6Gb/s
- Enjoy peace of mind with this third-generation drive delivering enterprise-class reliability for 24×7 environmental robustness
- Lower your power costs and store data faster with over 50% improvement in watts/TB and 18% sequential performance improvement compared to the previous generation
- Rest easy with maximum system availability and drive performance as a result of improved rotational vibration tolerance and head micro-actuation

Best-Fit Applications
- Storage-hungry business applications
- Storage area networks and network-attached storage
- Maximum-capacity servers and blade servers
- Rich media content storage
- Enterprise backup and restore—D2D, virtual tape
- Cloud computing

<table>
<thead>
<tr>
<th>Enterprise Capacity 3.5 HDD</th>
<th>Enterprise Capacity 2.5 HDD</th>
<th>Kinetic HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Perfect for</strong></td>
<td><strong>Capacity</strong></td>
<td><strong>Interface</strong></td>
</tr>
<tr>
<td>High-capacity storage, massive scale-out architectures</td>
<td>6TB, 5TB, 4TB, 3TB, 2TB, 1TB</td>
<td>SATA 6Gb/s, 12Gb/s SAS</td>
</tr>
<tr>
<td>Maximum density, small footprint</td>
<td>2TB, 1TB</td>
<td>SATA 6Gb/s, 12Gb/s SAS</td>
</tr>
<tr>
<td>Scale-out object storage</td>
<td>4TB</td>
<td>Ethernet</td>
</tr>
<tr>
<td><strong>Key Feature</strong></td>
<td><strong>Reliability</strong></td>
<td><strong>Form Factor</strong></td>
</tr>
<tr>
<td>Encryption, PowerBalance</td>
<td>2MM hours MTBF</td>
<td>3.5-inch</td>
</tr>
<tr>
<td>Encryption</td>
<td>2MM hours MTBF</td>
<td>2.5-inch</td>
</tr>
<tr>
<td>Simplifies cloud storage infrastructure</td>
<td>800K hours MTBF</td>
<td>2.5-inch</td>
</tr>
<tr>
<td><strong>Servers</strong></td>
<td><strong>Storage Arrays</strong></td>
<td><strong>JBOD</strong></td>
</tr>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Warranty, Limited</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 years</td>
<td>5 years</td>
<td>3 years</td>
</tr>
</tbody>
</table>
Terascale® HDD

Store more data with up to 4TB of storage for 24x7 multi-drive replicated environments.

**4TB | SATA 6Gb/s | 64MB Cache**

**Key Advantages**

- Enjoy peace of mind with a reliable enterprise-class performing drive that includes high vibration tolerance
- Save money with a power efficient drive that minimizes power and cooling costs
- Rest easy knowing your data integrity is maintained through Advanced Format logical block management
- Store your data faster through SATA 6Gb/s interface that optimizes burst performance

**Best-Fit Applications**

- Web-scale computing
- Cloud storage servers and arrays
- Cloud backup storage
- Direct-attached external storage (DAS)
- Network-attached storage (NAS)

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Kinetic HDD

The Kinetic HDD is the first Ethernet-connected HDD with an open source object API designed for hyperscale and scale-out environments.

**4TB | Ethernet | 64MB Cache**

**Key Advantages**

- Reduces TCO by simplifying cloud and data center storage hardware and software stacks
- Improves performance by eliminating layers of antiquated file system software
- Enables flexible and independent scaling of compute and storage growth
- Supports hyperscale 24x7 environments with up to 800 drives in a 40U rack
- Connects storage directly to existing data center data communications fabric

**Best-Fit Applications**

- Object data storage
- Hyperscale and scale-out storage
- Cloud storage arrays
- Cloud backup storage
Archive HDD

Affordable active archive hard drives for cloud storage

5TB – 8TB | SATA 6Gb/s | 128MB Cache

Key Advantages

- Efficiently store more data at lower costs with this low cost/GB/watt, 8TB hard drive
- Enjoy peace of mind with a drive engineered for 24x7 workloads of 180TB per year
- Keep your costs down with up to 1.33TB-per-disk hard drive technology
- Store your data faster with SATA 6Gb/s interface that optimizes burst performance
- Have confidence with a drive that provides reliable, low-power data retrieval based on shingled magnetic recording (SMR) technology

Best-Fit Applications

- Online archiving
- Large data object storage
- Big data cold storage
- Cloud active archive
- Web-scale archiving

Data Center Products | Archive

Archive

One of the most important storage applications is preserving and archiving data that is not necessarily high priority but may still be needed in the future. Seagate offers a drive for cold storage and data applications: it is designed in capacities up to an amazing, supersized 8TB, 24x7 reliability, and with some of the best features in the industry for this type of drive.

<table>
<thead>
<tr>
<th>Archive HDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perfect for</td>
</tr>
<tr>
<td>Capacity</td>
</tr>
<tr>
<td>Interface</td>
</tr>
<tr>
<td>Key Feature</td>
</tr>
<tr>
<td>Reliability</td>
</tr>
<tr>
<td>Form Factor</td>
</tr>
<tr>
<td>JBOD</td>
</tr>
<tr>
<td>Warranty, Limited</td>
</tr>
</tbody>
</table>
Cloud Systems and Solutions
Seagate Cloud Systems and Solutions builds on the Seagate legacy to extend innovation from the device into the information infrastructure, onsite and in the cloud.

High-Performance Computing Storage
High-performance computing (HPC) and big data customers who need to reliably plan, deploy and sustain maximum optimal application performance use Seagate HPC solutions. Our award-winning HPC solutions deliver the fastest time to results, with superior performance and ultra-efficient scalability.

Modular Storage Systems for OEMs
OEMs and solution integrators use the flexible, extensible, reliable and energy-efficient OneStor™ family of enclosures, controllers, and application platforms to modernize data centers and manage explosive data growth. Seagate has provided OEM customers with over 2 million enclosures and 17,000 petabytes of storage. Seagate delivers quality storage solutions trusted by some of the best known brands in IT.

Scale-Out Storage Systems
Seagate software-independent systems ensure that cloud service providers, independent software vendors, DIY organizations and system integrators can focus on their key value—software development and solution deployment—while enabling them to precisely assess, and therefore control, solution TCO and service delivery. Seagate provides the industry’s most trusted open, scalable, modular components and engineered solutions that will speed time to market and boost bottom-line results.

Hybrid Cloud Solutions
The Seagate EVault® portfolio of data protection appliances, backup and recovery software and services, and disaster recovery services, combines the best of private cloud infrastructure and public cloud services, including:

- Seagate EVault Cloud Backup Service
- Seagate EVault Cloud Disaster Recovery Service
Resources, Services and Support

Whether it is the Seagate Partner Program (SPP), which helps channel partners to succeed, or both the Seagate in-lab recovery services or rescue plans that offer highly technical and specialized data recovery options for most media types, we want you and your customers to get the most out of Seagate storage technologies. Seagate offers an extensive range of customer service options, all backed by more than 30 years of leadership, innovation and excellence.

Partner Resources and Benefits

The Seagate Partner Program (SPP) provides access to unique resources and benefits to help channel partners secure new opportunities and grow revenue and profitability.

Exclusive features to help you grow your business:

- Marketing kits, product guides and sales cards
- Online training and brand materials
- Diagnostics and firmware updates
- Priority support and trackers for RMAs
- Regular product updates and industry news

Start reaping the rewards of SPP membership—register today at www.seagate.com/www/partners
- Complete the online form
- Click through and accept our standard agreement

Data Recovery

Storage systems can fail in many ways due to mechanical or human error, however, the data stored on them is not necessarily lost. Data recovery is a highly technical, labor-intensive and costly process of retrieving usable data from inaccessible storage devices. Seagate Recovery Services (SRS) has full-service lab facilities that are prepared to address all failure modes using the industry’s most advanced recovery technology and procedures.

SRS offers multiple solutions to recover your business and personal data from various types and brands of storage devices in a fast and cost-effective manner.

- **In-lab recovery**—Get help fast after occurrence of drive failure or data loss with complimentary 2-way shipping. The in-lab recovery is performed by a team of data-recovery experts and the data can be restored in as little as two days.
- **Recovery software**—A quick and easy process to check drive condition and recover the lost data from minor logical problems without having to ship your drive or device
- **Rescue plans**—Cost-effective and proactive way to protect against future data loss. Available in 2- and 3-year offerings at HDD point of sale.

For information regarding Warranty Support, visit seagate.com/datarecovery

What Types of Media Can Seagate Recover Data From?

- Hard Disk Drives (all brands and interfaces)
- SSD and Flash Media
- USB/Firewire Media
- Smartphones
- Tablets
- RAID (0, 1, 3, 4, 5, 6, 10, etc.)
Seagate PowerChoice technology supports four customizable modes to give businesses significantly more control of power usage by allowing for a 54% reduction in the amount of energy used.

Seagate PowerBalance technology offers random workload power savings. Power Balance configuration and operating system.

Performance
Seagate PowerBalance technology offers random workload power savings.

Power Balance
Seagate PowerBalance technology offers random workload power savings.

PowerChoice
Seagate PowerChoice technology supports four customizable modes to give businesses significantly more control of power usage by allowing for a 54% reduction in the amount of energy used.

Sector size
A subdivision of a track on the physical disk. Hard drive companies are migrating from 512 bytes to a larger, more efficient sector size of 4096 bytes, referred to as 4K.

SimplyRAID™
Seagate’s efficient and easy-to-use RAID solution. SimplyRAID technology builds in the background, allowing users to add and share files with no downtimes. SimplyRAID lets you choose redundancy for one drive failure or redundancy for two drive failures.

Solid state hybrid drive (SSHD) technology integrates a small amount of NAND flash into the HDD architecture to produce a combined benefit: the capacity of a hard drive with the speed and power management benefits of an SSD.

TurboBoost™
An enhanced cache option that helps to complete more transactions in less time by accelerating I/O operations with TurboBoost enhanced cache option.

Zero Gravity Sensor
Seagate Zero Gravity Sensor (ZGS) provides extra protection when a device or system is dropped.

Seagate AcuTrac technology places a secondary actuator further down the suspension arm, bringing it closer to the head and therefore tightening control. The secondary nano-actuator fundamentally enables TPI improvement by directing the head more accurately to individual tracks, even at the nanometer scale.

Adaptive Memory
Seagate Adaptive Memory technology effectively identifies the most frequently used data and stores it in the NAND flash. The results give you greatly improved boot times, application loads and overall system responsiveness. Available on ISDHIs.

Battery life
Exact battery life is subject to product model, normal usage conditions and configurations.

Capacity
One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.

Data encryption and protection
Self-Encrypting Drives (SED) encrypt all user data using a data encryption key stored securely on the drive itself. The manner in which data is encrypted depends on the level of security implemented. Each level includes the protection capabilities of the previous levels.

Quick and easy data secure erasure features for secure drive repurposing (Seagate Instant Secure Erase, or ISE)

Data-at-rest protection (SED), SEDs are not available in all models or countries. May require TCG-compliant host or controller support.

Data-at-rest and tamper evidence protection (FIPS), Refer to the FIPS 140-2 Level 2 Certificate at http://csrc.nist.gov/groups/SM/cmvp/documents/140-1/1401vend.htm for more specific information.

(See also Seagate Secure.)

DiscWizard™
DiscWizard software lets you quickly and easily install your new hard drive. It guides you through the processes of creating and formatting partitions on your hard drive, transferring data and backing up your data.

Error recovery control (ERC)
Error recovery control helps assure drives remain active in a RAID environment by availing unwarrented drive swaps and RAID rebuilds. ERC boosts RAID performance by flagging disks slowed by errors; it alerts RAID of the need for data reconstruction and rewrite to resolve disk errors and restore speed.

NASWorks™
Improves drive reliability with custom-built error recovery controls, power settings and vibration tolerance on Seagate NAS HDDs.

Performance
Performance is tested and varies depending on user's hardware configuration and operating system.

Power Balance
Seagate PowerBalance technology offers random workload power savings and best in-class sequential performance with all the benefits of conventional technologies. By utilizing Seagate unique firmware algorithms, PowerBalance trades off seek performance for operational power savings.

PowerChoice™
Seagate PowerChoice technology supports four customizable modes to give businesses significantly more control of power usage by allowing for a 54% reduction in the amount of energy used.

RAID Rebuild™
RAID Rebuild technology mitigates time-consuming complete RAID rebuilds by extracting as much data as possible from the failed drive before initiating RAID recovery.

Sdrive™
The Seagate Sdrive app is the easiest, most intuitive way to connect to your NAS if you’re away from the office and need to look for or grab a file. From any desktop or laptop, access your NAS by clicking the Sdrive icon.

Seagate Secure™
With Seagate Secure drives, users securely manage data stored on their systems with no performance degradation and can securely erase all of their data, if needed, in a matter of seconds.

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