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› [Seagate 1TB Mobile HDD SATA 6Gb/s 128MB Cache 2.5" Internal Bare Drive \(ST1000LM035\) User Manual](#)

Seagate ST1000LM035

Seagate 1TB Mobile HDD SATA 6Gb/s 128MB Cache 2.5\" Internal Bare Drive (ST1000LM035) User Manual

BRAND: SEAGATE

Model: ST1000LM035

Product Overview

The Seagate Mobile HDD (Model ST1000LM035) is a high-capacity, thin 2.5-inch internal hard disk drive designed for laptops and other portable computing devices. It offers 1TB of storage capacity, making it suitable for storing a large volume of photos, music, and high-definition video. This drive features a standard SATA 6Gb/s interface for easy integration into existing systems.



Figure 1: Front view of the Seagate 1TB Mobile HDD, highlighting its branding and capacity.

Setup and Installation

This section provides instructions for installing your Seagate Mobile HDD into a compatible device, such as a laptop or external enclosure. Ensure your device supports a 2.5-inch SATA hard drive.

1. **Prepare Your Device:** Before beginning installation, power off your computer or device and disconnect it from all power sources. If installing in a laptop, remove the battery.
2. **Locate the Drive Bay:** Identify the 2.5-inch drive bay in your device. This may require removing a back panel or accessing an internal compartment. Refer to your device's specific service manual for detailed instructions on accessing the drive bay.
3. **Handle with Care:** Hard drives are sensitive components. Handle the Seagate Mobile HDD by its edges to avoid touching the circuit board or connectors.
4. **Install the Drive:** Gently slide the Seagate Mobile HDD into the drive bay. Ensure the SATA data and power



Figure 3: Side profile of the Seagate Mobile HDD, demonstrating its slim 7mm design, ideal for thin laptops.

Operating the Drive

Once installed and formatted, the Seagate Mobile HDD functions as a standard storage device within your operating system. You can use it for:

- **Primary Storage:** Install your operating system and applications directly onto the drive for fast boot times and application loading.
- **Secondary Storage:** Use it as an additional drive for storing large files such as documents, photos, videos, and games, freeing up space on your primary drive.
- **Data Backup:** Create regular backups of your important data to protect against data loss.

The drive's 1TB capacity allows for significant data storage, capable of holding approximately 200,000 photos, 250,000 songs, or 124 hours of high-definition video.

Maintenance and Care

Proper care can extend the lifespan of your hard drive and protect your data:

- **Regular Backups:** Always back up critical data to another storage device or cloud service. Hard drives are mechanical devices and can fail.

- **Proper Shutdown:** Always shut down your computer properly. Avoid sudden power loss, which can damage the drive.
- **Physical Protection:** While installed, ensure your device is not subjected to excessive physical shock or drops, as this can cause irreparable damage to the internal components of the HDD.
- **Temperature Control:** Ensure your device has adequate ventilation to prevent the drive from overheating.
- **Disk Health Checks:** Periodically run disk health checks and defragmentation tools (for HDDs) provided by your operating system.

Troubleshooting

If you encounter issues with your Seagate Mobile HDD, consider the following common troubleshooting steps:

- **Drive Not Detected:**
 - Verify that the SATA data and power cables are securely connected to both the drive and the motherboard/power supply.
 - Check your system's BIOS/UEFI settings to ensure the SATA port is enabled and the drive is recognized.
 - Try connecting the drive to a different SATA port or using different cables.
- **Slow Performance:**
 - Ensure the drive is not nearly full. Performance can degrade significantly when a drive is close to capacity.
 - Run disk defragmentation (for Windows) or optimize (for macOS) tools.
 - Check for background processes that might be heavily accessing the drive.
 - Update your motherboard's SATA controller drivers.
- **Unusual Noises:**

Clicking, grinding, or loud whirring noises can indicate a failing drive. Immediately back up any critical data and consider replacing the drive.
- **Data Corruption:**

Run disk error checking utilities (e.g., `chkdsk` on Windows, Disk Utility on macOS) to scan and repair file system errors.

If issues persist, consult Seagate's official support resources or a qualified technician.

Specifications

Feature	Specification
Brand	Seagate
Model Number	ST1000LM035
Digital Storage Capacity	1 TB (1024 GB)
Hard Disk Interface	Serial ATA-600 (SATA 6Gb/s)
Hard Disk Form Factor	2.5 Inches
Hard Disk Rotational Speed	5400 RPM
Cache	128 MB

Feature	Specification
Item Weight	3.17 ounces (approx. 90 grams)
Product Dimensions (LxWxH)	3.95 x 2.75 x 0.27 inches (approx. 100.3 x 69.85 x 6.85 mm)
Compatible Devices	Laptop
Installation Type	Internal Hard Drive


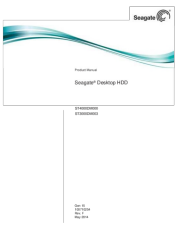

Warranty and Support




For warranty information and technical support, please refer to the official Seagate website. Seagate may offer additional data recovery plans for purchase, such as 2-year or 3-year data recovery options, which provide extended protection for your data.

You can find more information and contact support at the official Seagate support portal[Seagate Support](#)

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Related Documents - ST1000LM035

	<p>Seagate Surveillance HDD v4 SATA Product Manual ST1000VX001 Specifications and Guide</p> <p>Detailed product manual for the Seagate Surveillance HDD v4 SATA drive (model ST1000VX001). Covers specifications, installation, interface details, environmental requirements, and agency certifications for surveillance applications.</p>
	<p>Seagate Desktop HDD Product Manual: ST4000DM000 & ST3000DM003</p> <p>Comprehensive product manual detailing specifications, configuration, and interface information for Seagate Desktop HDD models ST4000DM000 and ST3000DM003.</p>
	<p>Seagate Exos Xz SATA Product Manual - ST32000NM001F Specifications</p> <p>Comprehensive technical manual for the Seagate Exos Xz SATA hard drive, model ST32000NM001F. Details specifications, features, configuration, mounting, and interface information for enterprise storage solutions.</p>

	<p>Seagate SkyHawk AI SATA Product Manual: Specifications and Guide</p> <p>Comprehensive product manual detailing the functional, mechanical, and interface specifications for Seagate SkyHawk AI SATA drive models, including technical data, environmental limits, and configuration instructions.</p>
	<p>Seagate Enterprise Capacity 3.5 HDD v5 SATA Product Manual</p> <p>This manual details the functional, mechanical, and interface specifications for Seagate's Enterprise Capacity 3.5 HDD v5 SATA drives, including Standard, Power Balance, Self-Encrypting (SED), and SED FIPS models. It covers drive features, environmental limits, reliability, agency certifications, and configuration instructions.</p>
	<p>Seagate Exos M SATA Hard Drive Product Manual - Models ST32000NM004K, ST30000NM004K, ST28000NM003K, ST24000NM001K</p> <p>Detailed product manual for Seagate Exos M SATA hard drives, covering specifications, features like self-encryption and Instant Secure Erase, configuration, mounting, and SATA interface details for models ST32000NM004K, ST30000NM004K, ST28000NM003K, and ST24000NM001K.</p>