

ELUTENG 2.5-inch

ELUTENG 2.5-inch USB C SSD/HDD Enclosure User Manual

Model: 2.5-inch

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ELUTENG 2.5-inch USB C SSD/HDD Enclosure. Please read this guide thoroughly to ensure proper use and optimal performance of your device.

PRODUCT FEATURES

- **Wide Compatibility:** Supports all standard 2.5-inch SATA I/II/III HDD/SSD drives with 7mm or 9.5mm thickness, up to 2TB capacity.
- **High-Speed Data Transfer:** USB 3.1 Gen 1 Type-C to SATA III interface, offering transfer speeds up to 5Gbps. Features UASP support for enhanced performance.
- **Tool-Free Design:** Easy, tool-free installation and disassembly in approximately 3 seconds.
- **Durable Construction:** Made from flame-retardant ABS material, resistant to heat up to 750°C.
- **Plug and Play:** No drivers required, supports hot-swapping.
- **LED Indicators:** Two LED indicators display the working status of the enclosure.
- **Automatic Hibernation:** Enters hibernation mode after approximately 15 minutes of inactivity to protect the hard drive and conserve energy.
- **Portable Design:** Slim 13mm profile for easy transport.



Figure 1: Overview of the ELUTENG 2.5-inch USB C SSD/HDD Enclosure, showcasing its transparent design and key features.

SPECIFICATIONS

Brand	ELUTENG
Model Number	2.5-inch
Interface	USB 3.1 Gen 1 Type-C to SATA III
Data Transfer Rate	Up to 5Gbps (with UASP support)
Compatible Drive Type	2.5-inch SATA HDD/SSD (7mm/9.5mm thickness)
Max Storage Capacity	2TB
Material	Flame-retardant ABS Plastic
Color	Transparent
Dimensions (L x W x H)	13mm x 13mm x 13mm (approximate)

Weight	130 Grams
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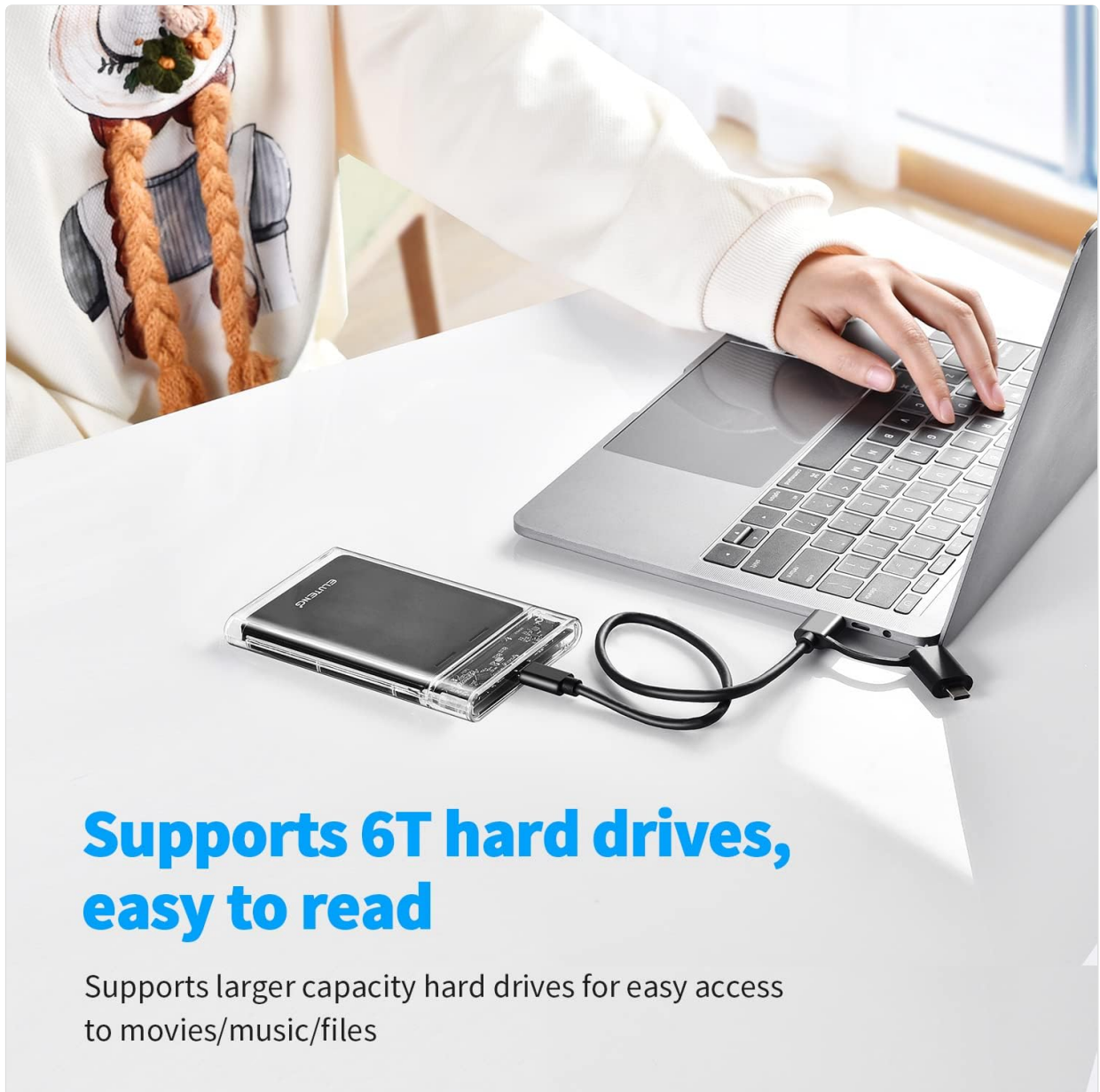


Figure 2: Internal view highlighting the JMS576 controller chip, responsible for high-speed data transmission.

COMPATIBILITY

The ELUTENG 2.5-inch USB C SSD/HDD Enclosure offers broad compatibility with various operating systems and SATA drives.

Supported Operating Systems:

- Windows (Win10 / Win8 / Win7 / WinXP / Vista)
- Mac OS
- Linux OS

Supported Hard Drives:

- 2.5-inch SATA I/II/III HDD (7mm or 9.5mm thickness)
- 2.5-inch SATA I/II/III SSD (7mm or 9.5mm thickness)
- Compatible with brands such as Samsung, Western Digital, and Toshiba SATA 2.5-inch drives.

High quality chip of JMS576

High-speed, secure and reliable data transmission



Figure 3: Visual representation of supported operating systems and 2.5-inch SATA drive types.

SETUP GUIDE

Follow these steps to install your 2.5-inch SATA HDD or SSD into the enclosure.

1. **Open the Enclosure:** Gently slide open the transparent cover of the enclosure. The tool-free design allows for easy access.
2. **Insert the Drive:** Align your 2.5-inch SATA HDD or SSD with the SATA connector inside the enclosure. Carefully push the drive into the connector until it is firmly seated. Ensure the drive is either 7mm or 9.5mm thick.
3. **Close the Enclosure:** Slide the transparent cover back into place until it clicks securely.
4. **Connect the Cable:** Connect one end of the provided USB C-A cable to the Type-C port on the enclosure and the other end to an available USB port on your computer.

2.5inch HDD/SSD Hard Drive Enclosure

Transparent design



USB type- c
High Transfer Speed

9.5mm/7mm
2 thicknesses

No tools
6T Capacity

Figure 4: Illustrates the installation of a 2.5-inch hard drive into the enclosure and its connection to a computer.

OPERATING INSTRUCTIONS

Connecting to Your Computer:

After installing your drive, connect the enclosure to your computer using the provided USB C-A cable. The LED indicators on the enclosure will light up, indicating power and activity. Your operating system should automatically detect the new storage device.



Figure 5: The enclosure connected to a laptop, ready for data access.

Data Transfer:

Once connected, you can access the drive as an external storage device. Drag and drop files, or use your system's backup software to transfer data. The USB 3.1 Gen 1 interface with UASP support ensures high-speed data transfer, making backups and large file transfers efficient.

Automatic Hibernation Mode:

To prevent damage from prolonged operation and conserve energy, the enclosure will automatically enter hibernation mode after approximately 15 minutes of inactivity. The drive will spin down, and the LED indicators may change. It will reactivate automatically upon access.

Wide range of applicability

Available for all 9.6mm/7mm thickness standards
2.5inch SATA III HDD/SSD drives

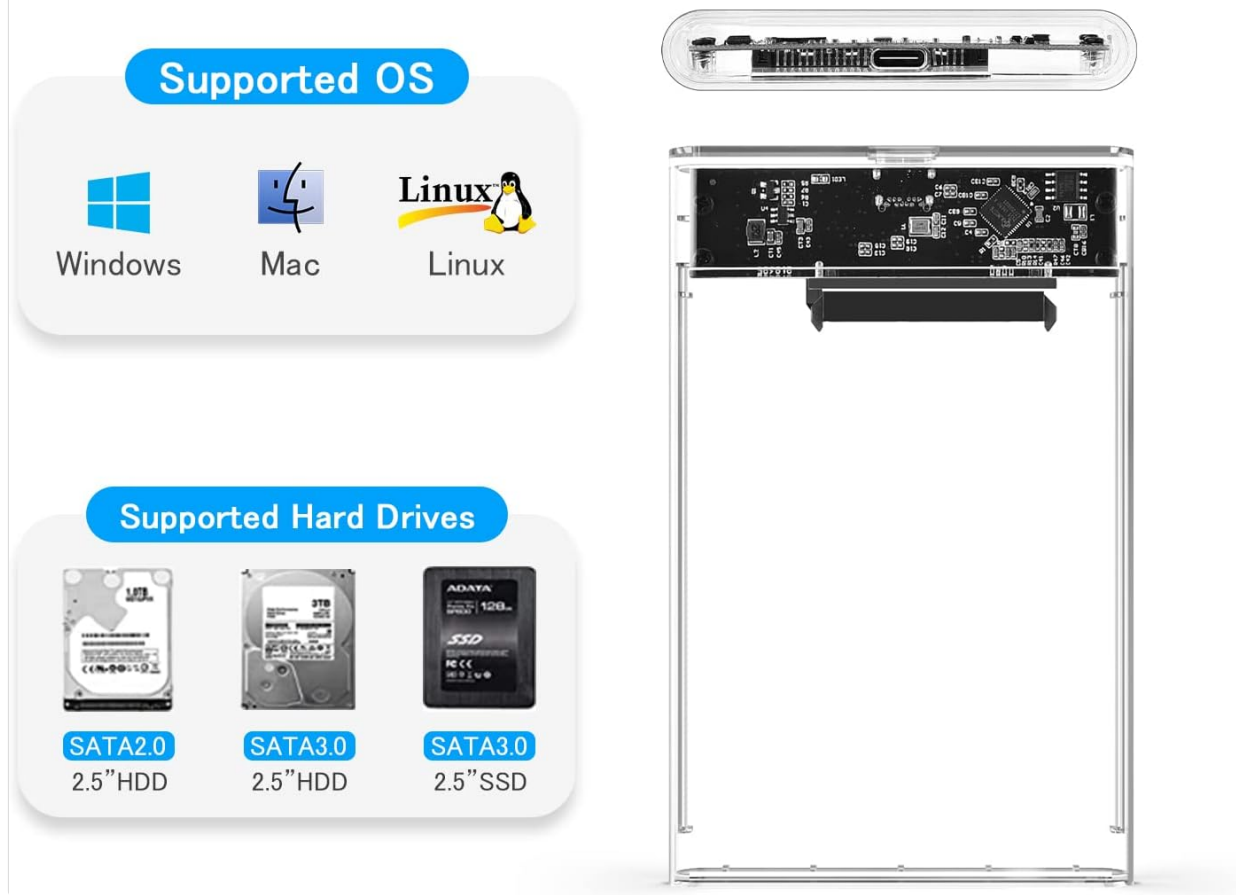


Figure 6: Explanation of the automatic hibernation feature.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid using liquid cleaners or solvents.
- **Storage:** When not in use, store the enclosure in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the enclosure with care to avoid drops or impacts, which could damage the internal drive or the enclosure itself.
- **Disconnection:** Always safely eject the drive from your operating system before physically disconnecting the USB cable to prevent data corruption.

TROUBLESHOOTING

Drive Not Detected:

- Ensure the hard drive is properly seated in the SATA connector inside the enclosure.
- Try connecting the enclosure to a different USB port on your computer.
- Verify that the USB cable is securely connected at both ends.
- Check Disk Management (Windows) or Disk Utility (Mac) to see if the drive is recognized but uninitialized or unformatted. If so, initialize and format the drive.

- Test the enclosure with a different known-good 2.5-inch SATA HDD/SSD.

Slow Transfer Speeds:

- Ensure you are connected to a USB 3.0 or USB 3.1 port on your computer. Connecting to a USB 2.0 port will result in slower speeds.
- Verify that your operating system and drivers support UASP (USB Attached SCSI Protocol) for optimal performance.
- The actual transfer speed can be affected by the performance of the installed hard drive/SSD and your computer's system resources.

Enclosure Feels Warm:

It is normal for the enclosure to become slightly warm during operation, especially during prolonged data transfers. If it becomes excessively hot, disconnect it and allow it to cool down. Ensure adequate ventilation around the enclosure.

WARRANTY AND SUPPORT

ELUTENG products are designed for reliability and performance. For warranty information or technical support, please refer to the official ELUTENG website or contact your retailer. Keep your purchase receipt for warranty claims.