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› Transcend ESD310 512GB External SSD Instruction Manual

## Transcend ESD310

# Transcend ESD310 External SSD Instruction Manual

Model: ESD310

## PRODUCT OVERVIEW

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The Transcend ESD310 is a compact and high-speed external solid-state drive designed for versatile data storage and transfer. It features dual USB-C and USB-A connectors for broad compatibility across various devices.

### Key Features

- **High-Speed Data Transfer:** Up to 1050MB/s read and 950MB/s write speeds with USB 3.2 Gen 2 (10Gbps) interface.
- **Dual Connectivity:** Integrated USB-C and USB-A connectors for compatibility with a wide range of devices.
- **Universal Compatibility:** Works with Windows, macOS, Linux, Android, iPhone, iPad, PS5, Xbox, Steam Deck, and more.
- **Portable Design:** Lightweight and compact form factor for easy transport.
- **Data Security:** Supports One-Time Password (OTP) protection via Transcend Elite software.

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Video: An overview of the Transcend ESD310 Portable SSD, highlighting its compact size, dual connectors, and high-speed capabilities.



Image: The ultra-portable and lightweight design of the ESD310, with its dimensions and weight indicated.

## What's in the Box

- Transcend ESD310 External SSD

No additional cables are required due to the integrated dual connectors.

## SETUP

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The Transcend ESD310 is designed for plug-and-play functionality. It comes pre-formatted as exFAT for immediate use across multiple operating systems.

## Connecting to Your Device

1. **Identify the correct connector:** The ESD310 features both a USB-C and a USB-A connector. Select the one compatible with your device's port.
2. **Insert the SSD:** Gently insert the appropriate connector into your device's USB port. Ensure it is fully seated.
3. **Device Recognition:** Your operating system should automatically detect the ESD310 as an external storage

device. It will appear as a removable drive.



Image: The Transcend ESD310 features both USB-C and USB-A connectors for broad compatibility.



# Tiny But Mighty

\*Speed may vary due to host hardware, software, usage, and storage capacity

Image: Connecting the ESD310 to a laptop and a smartphone using its dual USB-A and USB-C design.

## OPERATING INSTRUCTIONS

### File Transfer

Once connected, the ESD310 functions like any standard external drive. You can drag and drop files, copy and paste, or use your device's file management system to transfer data.

- **Windows/macOS:** Open File Explorer (Windows) or Finder (macOS), locate the ESD310 drive, and manage files as usual.
- **Android:** Use a file manager app to access the ESD310.
- **iPhone/iPad (USB-C models):** Open the "Files" app, navigate to "Browse," and select the Transcend drive under "Locations."

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Video: Instructions on how to use the Transcend ESD310 with an iPhone for ProRes video transfer.



# Built for EV Brilliance

Image: The ESD310 connected to a laptop, showing high-speed data transfer in progress.

## Using with Gaming Consoles (PS5, Xbox, Steam Deck, ROG Ally)

The ESD310 can be used to expand storage for compatible gaming consoles. Connect the drive to an available USB port on your console. Refer to your console's specific instructions for formatting external storage and managing game installations.

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Video: Demonstrates connecting the Transcend ESD310 to a Steam Deck for expanded game storage.

## Transcend Elite Software (Optional)

Transcend Elite is a complimentary data management software available for download from Transcend's official website. It offers features such as backup, restore, data encryption, and cloud backup functions.

- **One-Time Password (OTP) Protection:** If you forget your password for the ESD310, the OTP function allows you to receive a one-time password via email to regain access to your data. This feature requires prior setup within the Transcend Elite software.



## Match Your Style

Transcend's ESD310 is available in three colors: space black, metallic silver, and rosy pink! Elevate your personal style today!

Image: Overview of Transcend Elite software features including backup, restore, encryption, and cloud integration.

## Value-Added Software



A complimentary download from Transcend's official website, Transcend Elite data management software is compatible with both Windows and macOS. Transcend Elite features backup and restore, data encryption, and cloud backup functions, helping you keep important files organized, protected, and up-to-date!



**Backup**

Perform instant backups and scheduled backups.



**Restore**

Restore from any point on the backup task list.



**Encryption**

Protect files with powerful 256-bit AES encryption.



**Decryption**

Decrypt files encrypted by Elite.



**Cloud**

Back up files from Google Drive, OneDrive, iCloud or Dropbox to a Transcend storage device.

Image: Transcend Elite software interface showing the One-Time Password (OTP) recovery process.

## MAINTENANCE

- **Safe Removal:** Always safely eject or unmount the ESD310 from your device before physically disconnecting it to prevent data corruption.
- **Temperature Management:** During prolonged high-speed data transfers, the drive may become warm. This is normal for high-performance SSDs. If transferring very large amounts of data (e.g., over 100GB), consider transferring in smaller batches to allow the drive to cool, which can help maintain optimal performance.
- **Physical Care:** Keep the drive clean and free from dust and moisture. Avoid dropping or subjecting it to strong impacts.
- **Firmware Updates:** Periodically check Transcend's official website for any available firmware updates for the ESD310 to ensure optimal performance and compatibility.

## TROUBLESHOOTING

### Drive Not Recognized

- **Check Connection:** Ensure the ESD310 is fully and correctly inserted into the USB port. Try a different USB port or a different device if possible.
- **Correct Port Type:** Verify you are using the correct USB-C or USB-A port for the connector.

- **Device Compatibility:** While broadly compatible, some older devices (e.g., certain smart TVs) may not recognize exFAT formatted drives or USB 3.2 devices.
- **Driver Issues:** On Windows, check Device Manager for any unrecognized devices and update USB drivers if necessary.

## Slow Transfer Speeds

- **USB Port Speed:** Ensure you are connected to a USB 3.2 Gen 2 (10Gbps) port for maximum performance. Connecting to USB 3.0 (5Gbps) or USB 2.0 (480Mbps) ports will result in lower speeds.
- **Device Performance:** The speed can also be limited by the host device's hardware, software, and the type of files being transferred.
- **Thermal Throttling:** As mentioned in Maintenance, prolonged transfers of very large files can cause the drive to heat up and temporarily reduce speed to protect components. Allow the drive to cool or transfer in smaller batches.

## Data Access Issues (Password Protected)

- **Transcend Elite:** If you have enabled password protection, ensure you are using the Transcend Elite software to unlock the drive.
- **One-Time Password (OTP):** If you forgot your password, use the OTP function within Transcend Elite to receive a recovery password via your registered email.

## SPECIFICATIONS

Feature	Detail
Digital Storage Capacity	512 GB
Interface	USB 3.2 Gen 2 (10Gbps), backward compatible with USB 3.0 and USB 2.0
Connectivity Technology	USB
Read Speed	Up to 1050 MB/s
Write Speed	Up to 950 MB/s
Hardware Connectivity	USB Type-A, USB Type-C
Compatible Devices	Desktop, Gaming Console, Laptop, Tablet, iPhone, Android devices
Compatible Video Game Consoles	ASUS ROG Ally RC71L-NH001W, Microsoft Xbox SERIES X, Sony PlayStation 5, Valve Steam Deck
Item Weight	0.01 Pounds (approx. 4.5 grams)
Dimensions (L x W x Thickness)	2.8"L x 0.8"W x 0.3"Th (approx. 71.4mm x 20mm x 7.9mm)
Model Name	ESD310
Model Number	TS512GESD310C
Color	Black
Enclosure Material	Aluminum, Plastic
Additional Features	5 year limited warranty, Password Protection, Portable

## WARRANTY AND SUPPORT

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### Warranty Information

The Transcend ESD310 External SSD comes with a **5-year limited warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official Transcend website.

### Technical Support

For further assistance, technical support, or to download the Transcend Elite software and firmware updates, please visit the official Transcend website:

[www.transcend-info.com](http://www.transcend-info.com)

You can also find FAQs and contact information for customer service on their website.