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› ORICO 512GB External SSD User Manual

ORICO M25 PRO-512G

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Model: M25 PRO-512G

INTRODUCTION

The ORICO M25PRO 512GB External SSD is a portable solid state drive designed for efficient and reliable data storage and transfer. Featuring a 2-in-1 USB-C and USB-A cable, it offers broad compatibility with various devices including smartphones, PCs, laptops, and tablets. Its robust construction provides dust and drop resistance, ensuring data security in diverse environments. With USB 3.2 Gen 1 interface, it delivers fast transfer speeds for daily work and entertainment needs.



SETUP

The ORICO M25PRO SSD is designed for plug-and-play functionality across various operating systems. No driver installation is typically required for basic operation.

Connecting the SSD

1. Locate the 2-in-1 USB-C cable provided with your SSD.
2. Connect the USB-C end of the cable to the USB-C port on the ORICO M25PRO SSD.
3. Connect the other end of the cable (either USB-A or USB-C, depending on your device's port) to your computer, smartphone, or tablet.
4. The SSD should be recognized by your device automatically.

Initial Formatting (If Required)

For some operating systems or specific usage scenarios, the SSD may need to be initialized and formatted before its first use. If the drive does not appear in your file explorer or finder after connecting, follow these steps:

- **Windows:** Open Disk Management (right-click Start button > Disk Management). Locate the ORICO SSD (it may appear as 'Unallocated Space'). Right-click on the unallocated space, select 'New Simple Volume', and follow the wizard to format the drive (NTFS is recommended for Windows).
- **macOS:** Open Disk Utility (Applications > Utilities > Disk Utility). Select the ORICO SSD from the sidebar. Click 'Erase', choose a format (e.g., APFS or Mac OS Extended (Journaled)), and click 'Erase' again.
- **Android/Linux:** Refer to your device's specific instructions for external storage formatting.



Flexible Connections

Equipped with a dual-interface cable supporting both Type-C and USB-A, it connects effortlessly to various devices.

Image: The ORICO SSD connected to a tablet, illustrating its flexible connectivity options with the dual-interface cable.

OPERATING THE SSD

Once connected and recognized, the ORICO M25PRO SSD functions like any other external storage device, allowing for easy file management.

Data Transfer

- **Copy/Paste:** Select the files or folders you wish to transfer from your device, right-click (or long-press on touch devices) and select 'Copy'. Navigate to the ORICO SSD drive in your file explorer/finder, right-click in the desired location, and select 'Paste'.

- **Drag and Drop:** Open two windows side-by-side: one showing the source files and the other showing the ORICO SSD drive. Click and drag the desired files or folders from the source window to the SSD drive window.

The SSD supports transfer speeds of up to 460MB/s, providing efficient data movement for large files and extensive libraries.



Image: The ORICO SSD illustrating its high-speed data transfer capabilities, with indicated read and write speeds.

Safe Removal

To prevent data corruption, always safely eject the SSD before disconnecting it from your device.

- **Windows:** Click the 'Safely Remove Hardware and Eject Media' icon in the system tray (bottom-right corner of the taskbar), then select the ORICO SSD to eject.
- **macOS:** Drag the ORICO SSD icon from your desktop to the Trash, or click the 'Eject' icon next to the drive name in Finder.
- **Android/Linux:** Look for an 'Eject' or 'Unmount' option in your device's storage settings or notification panel.

Video: A demonstration of connecting the ORICO SSD to a laptop, initiating a file transfer, and then safely storing the portable drive. This highlights the ease of use and portability of the device.

MAINTENANCE

Proper care and maintenance will extend the lifespan of your ORICO M25PRO SSD and ensure the safety of your data.

Durability Features

The SSD is constructed with selected alloy materials and features a unique diamond grain design, providing dust and drop resistance. This design helps protect the hard disk from bumps and jolts.

No More Limitation

Elevates workflow agility



Image: The ORICO SSD highlighting its robust construction, including dust-tight, shock-resistant, and drop-proof attributes, built for mobile demands.

Cleaning and Storage

- Use a soft, dry, lint-free cloth to clean the exterior of the SSD.
- Avoid using liquid cleaners, aerosols, or solvents.
- Store the SSD in a cool, dry place away from extreme temperatures, direct sunlight, and strong magnetic fields.
- When not in use, consider storing it in a protective pouch or case to prevent scratches and minor impacts.

Data Backup

While the ORICO M25PRO SSD is reliable, it is always recommended to maintain backups of critical data on multiple storage devices or cloud services to prevent data loss from unforeseen circumstances.

TROUBLESHOOTING

If you encounter issues with your ORICO M25PRO SSD, refer to the common problems and solutions below.

SSD Not Recognized by Device

- **Check Cable Connection:** Ensure the USB cable is securely connected to both the SSD and your device. Try a different USB port on your device.
- **Try a Different Cable:** If possible, test with another compatible USB-C to USB-A/C cable to rule out a faulty cable.
- **Restart Device:** Sometimes a simple restart of your computer or smartphone can resolve connection issues.
- **Check Disk Management/Disk Utility:** As mentioned in the Setup section, the drive might need to be initialized or formatted. Check if it appears in your operating system's disk management tools.
- **Test on Another Device:** Connect the SSD to a different computer or device to determine if the issue is with the SSD or the original device.

Slow Transfer Speeds

- **USB Port Type:** Ensure you are connecting the SSD to a USB 3.0 (or higher) port on your device. Connecting to a USB 2.0 port will result in significantly slower speeds.
- **File Size and Type:** Transferring many small files can be slower than transferring a single large file of the same total size.
- **Background Processes:** Close any unnecessary applications or background processes that might be consuming system resources or disk I/O.
- **Drive Fragmentation (Less Common for SSDs):** While less common for SSDs, ensure your drive is healthy. For traditional HDDs, fragmentation can slow down performance. SSDs use TRIM, which helps maintain performance.

Drive Disconnects Randomly

- **Secure Connection:** Verify the cable is firmly seated in both the SSD and the host device.
- **Power Management Settings:** On some computers, USB ports may be configured to turn off to save power. Check your device's power management settings and disable any options that allow USB devices to be turned off.
- **Cable Quality:** A damaged or low-quality cable can cause intermittent disconnections. Try using the original cable or a certified replacement.

SPECIFICATIONS

Feature	Detail
Model Number	M25 PRO-512G
Digital Storage Capacity	512 GB
Product Dimensions	4.92 x 3.14 x 0.51 inches
Item Weight	3.88 ounces
Hard Disk Interface	USB 3.2 Gen 1 (USB 3.0 compatible)

Connectivity Technology	USB (2-in-1 USB-C & USB-A cable)
Max Transfer Speed	Up to 460MB/s
Special Feature	Portable, Dust and Drop Resistance
Hard Disk Form Factor	2.5 Inches
Hard Disk Description	Solid State Drive
Compatible Devices	Laptop, Desktop, Tablet, USB-C Smartphones
Color	Black
Manufacturer	SHENZHEN ORICO TECHNOLOGIES CO.,LTD
Country of Origin	China

WARRANTY AND SUPPORT

ORICO products are manufactured to high quality standards. Specific warranty terms and conditions are typically provided with your purchase documentation or can be found on the official ORICO website.

Customer Support

For technical assistance, warranty claims, or further inquiries, please visit the official ORICO website or contact their customer support directly. Keep your purchase receipt and product model number (M25 PRO-512G) handy when seeking support.

You can find more information and support resources at the [ORICO Store on Amazon](#).

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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