



MD600

**Smart Portable SSD with
Password Protection &
Real-Time Display**

User Manual
From Setup to Professional Use

Tip: Keep this manual for future reference.

Introduction

Welcome to OSCOO MD600

Thank you for choosing OSCOO MD600, a next-generation portable SSD designed for users who demand speed, security, and intelligent storage experience.

With high-speed data transmission, password protection, magnetic design, and real-time smart display, MD600 provides a safer and smarter way to manage your digital world.

Easy Setup. Powerful Performance.

Follow the instructions step by step and enjoy a smarter storage experience with OSCOO.

Need Support?

For tutorials, product updates, and technical assistance:



Manufacturer

Shenzhen OSCOO Technology Co., Ltd.

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Scan QR Code for Tutorial

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1. Product Introduction

◆ Screen Sleep & Wake Rules

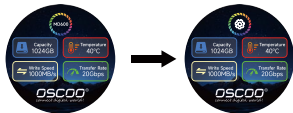
1. After 10 seconds of inactivity (no operation), the screen enters screensaver standby mode.
2. After 30 seconds of inactivity (no operation), the screen automatically turns off and the display goes dark.
3. Wake method: Simply tap the screen to turn it back on, and it will automatically return to the main data interface.

◆ Page Return Operations

- Left / Right arrow icons on the interface: Tap the left "◀" or right "▶" arrow to quickly return to the previous level interface.
- "↶" button: Tap to go back to the previous operation page.
- "⦿" button: Tap to jump directly to the device's main home page with one touch.

◆ Post-Unlock Interface Navigation Logic

After connecting the device, the MD600 initial data screen will be displayed for 5 seconds before automatically switching to the "Settings" interface. No password is required for first use. If a password is set, the device will automatically enter the function interface after unlocking.



◆ Screen Display Information



When the MD600 SSD is connected to a running device, its screen displays real-time monitoring data covering four core parameters.



Capacity Display
(e.g. 1024GB)



Real-time Temp Monitor
(Normal: 40–65°C)



Dynamic Write Speed:
Live write speed display



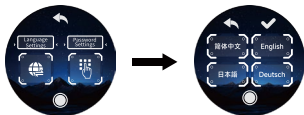
External Device Interface Speed:
20 Gbps (Ultra)
10 Gbps (High)
5 Gbps (Low)

◆ Interface Guide: Language & Password Setup

① No password is required for first use. If a password is set, unlock the device and wait 5 seconds to enter the function interface with the "⚙️" Settings icon. Tap the icon to access settings.



② **Choose Function** – Select either **Language** or **Password** to configure.



◆ Language Settings

Tap language icon (简体中文/English/日本語/Deutsch) to set.

◆ Password Settings

No password is set by default. Users can set one if needed.

First use: Tap **"Set Password"** to enable.

Already set: Enter old password → **"Change"** or **"Turn Off"**.

Tip: Tap **arrow** "↶" to go back; tap **circle** "●" to return to main screen.
Simple & consistent.

2. Package Contents

Includes:

MD600 SSD ×1

USB-C to USB-C cable ×1

USB-C to USB-A adapter ×1

Magnetic ring ×1

Manual ×1

3. Product Specifications

Model: MD600

Product Name: Digital Display Encrypted Magnetic Portable SSD

Capacity: 256GB / 512GB / 1TB / 2TB / 4TB

Interface: USB 3.2 Gen 2×2 (20Gbps), Type-C

Max Transfer Speed: Read up to 2000MB/s, Write up to 1800MB/s

System Response Time: $\leq 0.1\text{ms}$

Display: 2.1-inch Round HD Color Touchscreen

Encryption: Independent Hardware Encryption Chip

Dimensions: $\phi 60\text{mm} \times 9.5\text{mm}$

Weight: Approx. 50.9g ($\pm 1\text{g}$)

Material: High-Strength Aluminum Alloy + Piano Lacquer Finish

Color: Black

Operating Temperature: $0^{\circ}\text{C} - 60^{\circ}\text{C}$

Storage Temperature: $-20^{\circ}\text{C} - 60^{\circ}\text{C}$

Electrical Protection: Over-voltage, Over-current, Short-circuit, ESD

Display Languages: 简体中文 / English / 日本語 / Deutsch

4. Magnetic Usage Instructions

◆ Magnetic Performance

Built-in magnet with $\geq 10\text{N}$ vertical pull force for secure fit on MagSafe devices & metal casings. An adhesive magnetic ring is included for flexible installation.

◆ Installation Steps

- * Attach the magnetic ring to the back of your phone or compatible device.
- * Align the SSD with the magnetic zone for automatic firm attachment.

 **Note:** Magnet strength is affected by device structure, material and placement. Use on clean, flat and dry surfaces for best results.

5. File Format Compatibility & Storage Capacity Description

◆ File System Info

The MD600 is pre-formatted to exFAT, compatible with Windows, macOS and Android. File access permissions are determined by your operating system. Refer to the table below. If you only use the drive on one system, reformat it to the OS official recommended file system for better performance.

File System	Windows OS	Mac OS
exFAT	Read & Write	Read & Write
NTFS	Read & Write	Read-only
APFS	No access	Read & Write
macOS Extended (Journaled)	No access	Read & Write

◆ Storage Capacity Information

Due to different capacity calculation methods used by storage manufacturers and operating systems, the displayed capacity may differ from the actual labeled capacity. In addition, after formatting, a small amount of storage space is reserved for file system management and other system functions. This is a normal industry practice and does not indicate a product quality issue.

Capacity Calculation

Storage Manufacturer

1 GB = 1,000,000,000 Bytes

1 TB = 1,000,000,000,000 Bytes

Operating System

1 GB = 1,024 MB

1 TB = 1,024 GB

Common Capacity Reference

256GB $\approx$ 238GB

512GB $\approx$ 476GB

1TB $\approx$ 931GB

2TB $\approx$ 1863GB

Example: 1TB Storage Device

$1,000,000,000,000 \div 1,024 \div 1,024 \div 1,024 \approx 931\text{GB}$

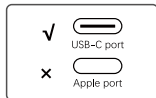
Therefore, a 1TB storage device may display approximately 931GB on different operating systems. This is a normal difference caused by different capacity calculation methods and does not affect the actual storage capacity or performance of the product.

6. Multi-Device User Guide

6.1 iOS (iPhone/iPad) Operation Guide

Demo based on iOS 18. UI details may vary by version, but operation logic remains the same. For reference only.

(1) How to connect / disconnect?



① Ensure your iPhone / iPad has a **USB-C port**



② Plug in the **USB-C cable** – no setup needed

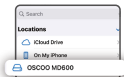
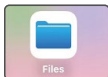


③ Wait for transfers to finish, close **Files** / **Photos** apps, then unplug

④ Unplug the **USB-C** cable

Note: **iPhone 14 & older** may not work stably with adapters.
Native USB-C devices are recommended for best results.

(2) Where to find your files



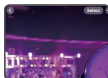
① Open the **Files** app and go to **Browse**

② Select **OSCOO MD600**

③ Tap **files** to open and **view** them

Tip: Can't find the page? Tap "**Browse**" (bottom-right) → tap "<" (top-left) repeatedly until back to home – you'll see it. Renamed on your computer? The new name will show here too.

(3) How to back up photos and videos



① Open the "**Photos**" App → tap "**Select**" → choose the photos /video

② Tap the "📁" Share icon → choose "**Save to Files**" or "**Export Unmodified Original**"

③ Tap the "<" icon in the top left → choose "**OSCOO MD600**" → select a folder → tap "**Save**"

Tip: Tap and drag for multi-file selection.

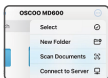
- * Save to Files: Stores edited files (compressed or modified).
- * Export Unmodified Originals: Keeps original shots complete with full EXIF, original quality & file format.

Can't find the options? Tap Edit Actions... at the bottom to enable and add them.

(4) How to Restore Photos and Videos



① Open the **"Files"** app → go to **"OSCOCO MD600"** → open your backup folder



② Tap **"In the top right"** → Tap **"Select"** → choose the photos / videos



③ Tap the **"Share icon"** → choose **"Save XXXXX"** → wait for transfer

(5) How to transfer files

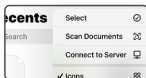
This example shows sending files from your phone to MD600 the reverse works the same.



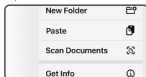
① Open the **"Files"** App → go to **"On My iPhone"**.



③ Tap the **"Share icon"** → choose **"Copy"**



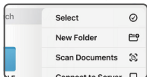
② Tap **"In the top right"** → tap **"Select"** → choose the files



④ Go back → enter **"OSCOCO MD600"** → long press a blank area → tap **"Paste"**

(6) How to back up and restore Live Photos

It's a hidden trick-try it a few times, you'll get the hang of it!



- ① Open "Files" → "MD600" → New Folder, named "DCIM", Enter it, create new folder named "100APPLE"



- ③ Select "MD600" → go to "DCIM" → "100APPLE" → tap "Save" (top-right)



- ② Open "Photos" → scroll to "Live Photos" album → Select the images → Tap Share → choose "Export Unmodified Original"



- ④ **Note:** Through this method, the Live Photo saved to "MD600" will be split into a static image and a dynamic video file

(7) How to record video directly to MD600

This only works on iPhone 15 Pro and newer Pro models. It also requires fast transfer speeds. (MD600 fully meets it.) Test it out or contact support for help.



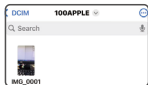
- ① First time: Go to "Settings" → choose "Camera"



- ② Tap "Formats" → enable "Apple ProRes"



③ Connect MD600 → open "Camera" App → switch to **Video** → tap "**ProRes**" → adjust resolution and frame rate → start recording



④ Videos save to: **DCIM** → **100APPLE**. View via Files app or connect to a PC

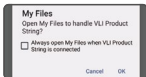
6.2 Android / HarmonyOS Guide

Demo based on OPPO. Process is similar across Android/HarmonyOS devices, but button names and steps may differ.

(1) How to Connect



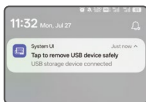
① Plug into the USB-C port of your phone or tablet



② If you see a "**USB storage added**" or "**USB device connected**" in the status bar-connection is successful

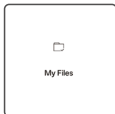


③ On some phones, you may need to enable OTG: go to Settings search "**OTG**" → turn it on

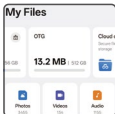


④ To safely disconnect, stop all transfers and exit any related tap "**Eject**" or "**Unmount USB**" → unplug MD600

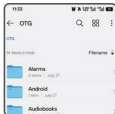
(2) How to view product data on your phone



① Open the "My Files" app

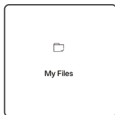


② Tap "External Storage Device", labeled as "USB Storage" or "OTG"
(Displayed name depending on your system)

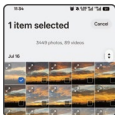


③ Browse your files -if you can't open certain ones, try a third-party app

(3) How to back up and restore photos, videos, and files



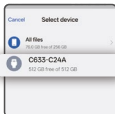
① Open **My Files** app
→ go to "Images", "Videos", or "Internal storage"



② Long press one file, tap ":" → choose "Select" → choose multiple items



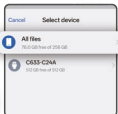
③ Tap "Copy" DO NOT use "Move"



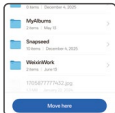
④ Navigate to **"USB storage"** or **"External Storage"** or other option with a USB icon



⑤ Open or create a folder → tap **"Copy here"**



⑥ To restore: Open USB Storage → select the files to restore → tap **"Copy"**



⑦ Navigate to **"Internal storage"** → choose a folder → tap **"Copy here"**

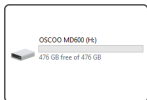
* Always double-check that everything transferred before deleting originals. Avoid **"Move"-copy first**, confirm, then delete. It's safer!

6.3 Windows PC Operation Guide

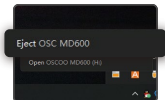
(1) How to Connect and Disconnect



① Plug MD600 into your PC via USB-C or USB-A



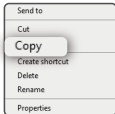
② If **"OSCOO MD600"** appears in File Explorer or **"This PC"**, the drive is ready to use



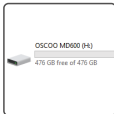
③ To disconnect: Finish all transfers and close any apps using the drive. In the Files app, locate OSCOO MD600 under Locations, tap the "...", icon, select **"Eject"**, then unplug the drive

*Older USB ports, slow cables, or adapters may reduce speed.

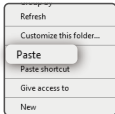
(2) How to Transfer Files



① Right-click one file / folder → select **"Copy"**

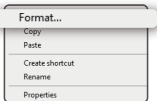


② If **"OSCOO MD600"** appears in File Explorer or **"This PC"**, the drive is ready to use

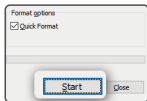


③ Right-click in an empty area → select **"Paste"** → wait for the transfer to finish

(3) How to Format



① In File Explorer, right-click "**OSCOO MD600**" → select "**Format...**"



② Choose a file system (default is exFAT for best compatibility) → click "**Start**" and wait for formatting to complete

* Some systems may require FAT32 or NTFS depending on use.

6.4 Mac Computer Operation Guide

(1) How to Connect and Disconnect



① Plug into your Mac's USB-C port

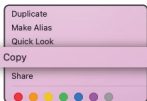


② The "**OSCOO MD600**" icon will appear on your desktop

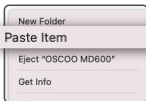


③ To disconnect: make sure transfers are done → right-click or perform a two-finger tap on the drive icon → select "**Eject OSCOO**"

(2) How to Transfer Files

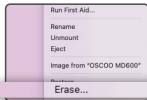


- ① Two-finger tap or right-click a file/folder
→ choose **"Copy"**.
(Note: Not Duplicate!)



- ② Open **"OSCOO MD600"** →
two-finger tap in a blank area
→ choose **"Paste Item"**

(3) How to Format



- ① In Finder, right-click or two-finger tap **"MD600"**
→ choose **"Erase..."**



- ② Choose name and format as needed → lick **"Erase"** to finish

7. FAQ (Frequently Asked Questions)

Q1: Can MD600 be used with iPhones with a Lightning port?

Not recommended.

MD600 uses a USB-C interface. Connecting to Lightning-port iPhones through adapters may cause compatibility issues, slower transfer speeds, unstable connections, or limited functionality. For the best experience, use devices with a USB-C port.

How to tell USB-C from Apple's older Lightning port:



iPhone 15 and later – Uses USB-C port (with metal pins visible inside)



iPhone 14 and earlier – Uses Lightning port (no visible pins inside)

Q2: Why are my file transfer speeds slow?

Slow speeds are most commonly caused by port limitations. Try these solutions below:

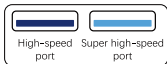
1. Plug the drive into the best-performing port on your computer.
2. Always use the included 20Gbps high-speed cable for optimal performance. Standard charging cables will drastically reduce transfer speeds.
3. Built-in ports on most phones and tablets only support slower USB 2.0.
4. Transferring numerous small files (under 1MB) in bulk is naturally slower. Compress them into a single archive first, or simply wait for the process to finish.

Important Note:

Actual throughput is limited by your host device's port bandwidth. The MD600 features a USB 3.2 Gen 2×2 (20Gbps) interface and runs at full speed when connected to native 20Gbps ports (e.g., USB 3.2 Gen 2×2 on Windows desktops).

USB-C ports on Apple M-series Macs do not support the USB 3.2 Gen 2×2 protocol. Non-Thunderbolt devices will be limited to 10Gbps bandwidth, with real-world speeds of roughly 1000MB/s. This is a limitation of the host hardware protocol, not a product defect.

How to check your port speed:



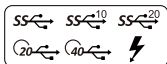
① Port color coding

Standard speed ranking: Black
→ Dark Blue → Light Blue;
Some high-speed ports may
also be colored red, orange
or green.



② Port version markings

USB 2.0 = Low speed, USB 3.0
/3.1/3.2 = High speed, "Gen"
labeled = Faster,
USB4 (Thunderbolt) = Fastest.



③ Icon/Symbol Markings

Ports featuring the "SS" label, a
lightning bolt icon, or a **number**
are faster. The higher the number,
the faster the speed.



④ Still unable to identify your port specification?

Refer to your device manual,
official product specifications
or contact customer support
for confirmation.

Note: Promoted speeds from lab testing. Actual speeds vary by device, software, and file type.

Q3: Why does it get hot during use?

- Chip heat generation is normal. Industry operating range: 60–80°C. All products are safety-tested.
 - Human skin temperature is ~36–37.5°C. Objects above 40°C feel warm; above 45°C feel hot.
 - Plastic casings feel less hot; metal ones feel hotter but cool down faster.
- Don't worry – it's safe! Wait a moment after transfer before unplugging.

Q4: Will my data be lost? How to avoid it?

Following these tips will help you avoid most data loss risks:

- Don't move the drive during use,
- Always use **"Copy/Paste"** for file transfers, Disconnect before organizing files,
- **Always eject** the drive before unplugging,
- Back up important data regularly to another device or cloud storage.



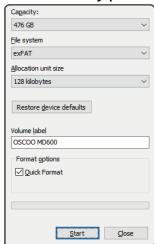
Tip: If your system reports the device was not ejected properly, safely eject it before disconnecting next time.

Q5: What to do if the drive is not detected by phones or computers?

Try using a different phone, computer, or cable to rule out port, cable, or compatibility issues, or try the following methods:



① **Android:** Settings → Search "OTG" → Enable



② **Windows:** Right-click "OSCOO MD600" → **Format** → File system: **exFAT** → Click **"Start"**



③ **Mac:** Two-finger tap / right-click

"OSCOO MD600" → **Erase** →

Format: **exFAT** → Click "**Erase**"

If still not recognized, fix via system settings:

Windows: Disk Management → Assign drive letter to SSD

Mac: Disk Utility → Check drive; Finder → Settings → Sidebar → Enable "External disks"

Q6: Pop-up when connecting to phone?

Android: Tap "**Allow**" when prompted.

iOS: Open **Files** → **Browse** → **Locations** → Find your SSD.

No pop-up? Android: Enable **OTG** in settings.

Q7: Screen not turning on?

Ensure the SSD is connected properly and your phone has enough power. The screen lights up automatically when powered. If not, try another cable or port.

Q8: Forgot encryption password?

Changed and forgot it? Email support@oscoo.com for support.

8. After-Sales Policy

◆ Three-Year warranty service

Within three years from the date of purchase, if the product encounters performance issues during normal use and the problem is confirmed to be covered under the warranty terms, we will provide warranty service according to the applicable warranty policy.

◆ Warranty Instructions

- The warranty service applies only to repair or replacement caused by product quality issues.
- The warranty covers hardware defects only and does not include data recovery, data backup, or compensation for any loss of stored data.
- Please make sure to regularly back up your important data to prevent data loss caused by hardware failure or other unexpected situations.
- When requesting warranty service, please provide a valid proof of purchase (if applicable).
- For any questions, please contact OSCOO Customer Service: support@oscoo.com

◆ Warranty Exclusions

The warranty does not cover the following situations:

- Products without confirmed defects or products that have exceeded the warranty period.
- Damage caused by improper installation, misuse, unauthorized modifications, or accidents (such as water damage, impact, or external force).
- Damage caused by unstable power supply, abnormal voltage, or improper operating conditions.
- Damage caused by improper handling, transportation, or storage after purchase.
- Damage caused during the repair process by unauthorized service providers.
- Damage caused by removing or altering product labels, serial numbers, or security marks.
- Any other damage caused by factors beyond product quality issues.

**Smart Storage
Secure Future**

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Thank you for choosing OSCOO