

ORICO A20PLUS

ORICO A20PLUS 512GB Magnetic External SSD User Manual

Model: A20PLUS-512GB | Brand: ORICO

1. PRODUCT OVERVIEW

The ORICO A20PLUS is a compact and robust 512GB magnetic external solid-state drive designed for high-speed data storage and transfer. It features strong magnetic attachment for compatible devices and supports advanced video recording formats.

1.1 Key Features

- **Strong Magnetic Attachment:** Securely attaches to compatible devices, including iPhone 15 series, with magnetic attraction. A magnetic attraction ring is included for broader compatibility.
- **Instant Capacity Expansion:** Provides immediate storage expansion for devices, addressing insufficient memory issues.
- **Ultra-Speed Data Transfer:** Achieves transfer speeds up to 2000MB/s (requires USB3.2 Gen2x2 interface).
- **4K ProRes HDR Video Recording:** Supports direct 4K ProRes HDR video recording for iPhone 15 Pro/Pro Max, allowing for immediate saving and editing on the drive.
- **Firm and Reliable Design:** Offers dust and drop resistance, ensuring data security in various environments.

1.2 Package Contents

Verify that all items are present in your package:

- ORICO A20PLUS Portable SSD
- USB-C to USB-C Data Cable (with USB-A adapter)
- Magnetic Attraction Ring
- User Manual

Packing List

1. Portable SSD
2. Packaging Box
3. Magnetic stripe
4. User Manual
5. C to C Data Cable



Image Description: An image displaying the ORICO A20PLUS Portable SSD, its packaging box, a magnetic stripe, a user manual, and a C to C data cable.

2. SETUP AND INITIAL USE

2.1 Connecting to a Smartphone (iPhone 15 Series)

1. Ensure your iPhone 15 Pro or Pro Max is updated to the latest iOS version.
2. Attach the ORICO A20PLUS SSD magnetically to the back of your iPhone.
3. Connect the provided USB-C to USB-C data cable from the SSD to your iPhone's USB-C port.

4. The iPhone should automatically recognize the external SSD. You can verify this in the Files app.
5. To record 4K ProRes HDR video directly to the SSD, open the Camera app, select Video mode, and ensure "ProRes" and "USB-C" are indicated as the storage location.



Image Description: A hand holding an iPhone with the ORICO A20PLUS Magnetic External SSD attached to its back.

2.2 Connecting to a Smartphone (Android)

1. Attach the ORICO A20PLUS SSD magnetically to the back of your Android smartphone.
2. Connect the provided USB-C to USB-C data cable from the SSD to your Android phone's USB-C port.
3. Access the SSD through your phone's file manager application.

2.3 Connecting to a Computer (Mac/Windows)

1. Connect the provided USB-C to USB-C data cable from the SSD to your computer's USB-C port. If your computer only has USB-A ports, use the included USB-A adapter.
2. The SSD will appear as an external drive in your computer's file explorer (Windows) or Finder (Mac).

ProRes Video Record and Store

Support external recording of **4K**
video with **1000MB/s** for iPhone 15



Image Description: The ORICO A20PLUS SSD connected to a laptop via its USB-C cable, with the laptop screen showing file management.

2.4 Using the Magnetic Attraction Ring

For devices without built-in magnetic capabilities or with non-magnetic cases, use the included magnetic attraction

ring.

1. Clean the back surface of your device or phone case.
2. Peel off the adhesive backing from the magnetic attraction ring.
3. Carefully center and firmly press the ring onto the back of your device or case.
4. Allow sufficient time for the adhesive to set before attaching the SSD.

Strong Magnetic



Use with Magnetic Ring



Cell phone case without magnetic attraction



Cell phone without magnetic attraction



Image Description: An illustration showing how to use the magnetic attraction ring with a phone case or a phone without magnetic attraction to enable magnetic attachment for the SSD.

2.5 Instructional Video: How to Use ORICO Magnetic External SSD

Video Description: A video demonstrating the steps to connect and use the ORICO magnetic external SSD with a smartphone, including file transfer and recording.

3. OPERATING INSTRUCTIONS

3.1 Transferring Files from iPhone 15/16 Series to SSD

1. Connect the SSD to your iPhone.
2. Open the Photos app, select the desired photos/videos.
3. Tap the "Share" icon.
4. Select "Save to Files."
5. Browse and select the "ORICO" drive (or the SSD's designated folder).
6. Tap "Save" to transfer the files.

3.2 Transferring Files from Android Phone to SSD

1. Connect the SSD to your Android phone.
2. Open the "Files" app or equivalent file manager.
3. Navigate to the desired files (e.g., "Images").
4. Select the photos/videos you wish to copy.
5. Tap "Copy" or "Move."
6. Select the "ORICO" drive (or the SSD's designated folder).
7. Tap "Paste" or "Move" to transfer the files.

3.3 Maximizing Transfer Rate

To achieve the maximum transfer speed of 20Gbps (2000MB/s), ensure the following:

- **Cable:** Use a data cable that supports 20Gbps transfer speeds.
- **Interface:** The device's interface (e.g., computer port) must be at least USB 3.2 Gen2x2. Older USB standards will result in lower speeds.
- **Device Read/Write Speeds:** The receiving device (e.g., computer's internal drive) should have corresponding high read/write speeds to fully utilize the SSD's performance.

10GB = 5 Seconds

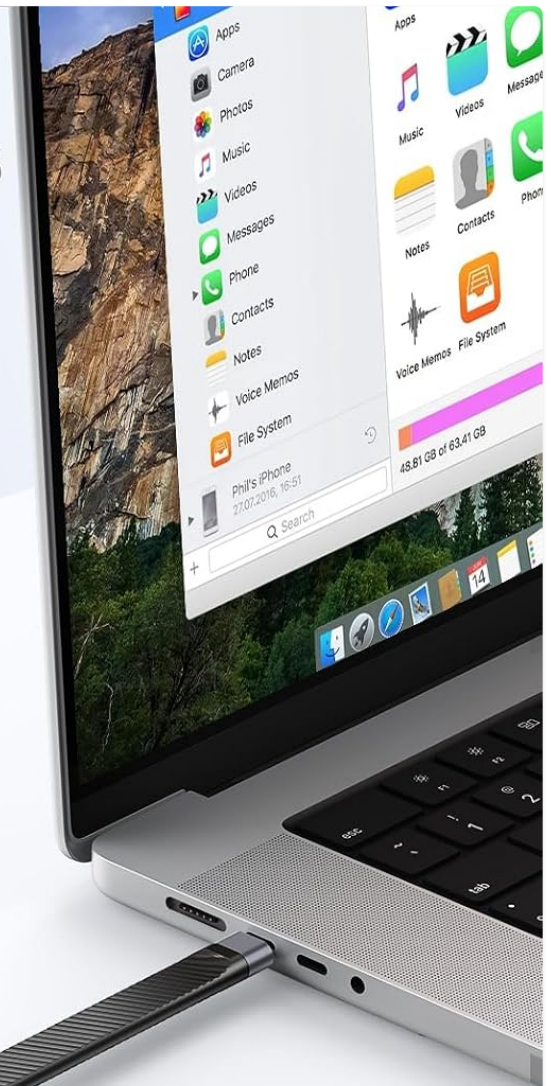
USB 3.2 Gen2x2 transmission
speed up to 2000MB/s

USB 3.2 Gen2x2

2000MB/s

USB 3.2

1000MB/s



2000MB/s

***Note: Some Apple devices, due to Thunderbolt interface compatibility,
only support up to 10Gbps**

Image Description: An image illustrating the speed difference between USB 3.2 Gen2x2 (2000MB/s) and USB 3.2 (1000MB/s), showing 10GB transfer in 5 seconds with the faster speed.

3.4 Instructional Video: ORICO Magnetic Portable SSD - Your Good Shooting Partner

Video Description: A short video showcasing the ORICO magnetic portable SSD as a companion for shooting, demonstrating its use with a smartphone and quick transfer to a laptop.

4. MAINTENANCE AND CARE

- **Data Backup:** Regularly back up important data stored on the SSD to another device or cloud storage.

- **Safe Ejection:** Always safely eject the SSD from your device before disconnecting it to prevent data corruption.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the SSD. Avoid liquid cleaners.
- **Environmental Conditions:** Store the SSD in a cool, dry place away from extreme temperatures, direct sunlight, and strong magnetic fields (other than its intended magnetic attachment).
- **Physical Protection:** While designed with dust and drop resistance, avoid unnecessary drops or impacts to prolong the device's lifespan.

5. TROUBLESHOOTING

5.1 SSD Not Recognized by Device

- **Check Cable Connection:** Ensure the USB-C cable is securely connected to both the SSD and your device.
- **Try Different Port/Cable:** Test with a different USB port on your computer or another compatible USB-C cable.
- **Restart Device:** Restart your smartphone or computer and try connecting again.
- **Check Device Compatibility:** Ensure your device supports external storage via USB-C and has the necessary drivers. For older iPhones (14 and earlier), a compatible Lightning adapter (e.g., ORICO LC10) is required.

5.2 Slow Transfer Speeds

- **Verify USB Standard:** Ensure both the cable and the device's port support USB 3.2 Gen2x2 for maximum speeds. Older USB standards will result in lower speeds.
- **Check Source/Destination Drive Speed:** The speed of the internal drive you are transferring to/from can limit overall transfer rates.
- **Avoid Other USB Devices:** Disconnect other high-bandwidth USB devices during large transfers.

5.3 SSD Gets Warm During Use

- This is normal during high-speed data transfers or extended use. The metal casing helps dissipate heat. If it becomes excessively hot or causes performance issues, disconnect and allow it to cool.

6. TECHNICAL SPECIFICATIONS

Feature	Detail
Model	A20PLUS
Digital Storage Capacity	512 GB
Hard Drive Interface	USB 3.0 / USB 3.2 Gen2x2
Connectivity Technology	USB
Max Transfer Speed	Up to 2000MB/s (USB 3.2 Gen2x2)
Brand	ORICO

Feature	Detail
Special Feature	Portable, Magnetic Attachment, Dust & Drop Resistance
Compatible Devices	USB-C Smartphones (iPhone 15 Pro/Pro Max, Android), Computers (Mac, Windows)
Item Weight	5.3 ounces
Package Dimensions	5.98 x 4.29 x 1.1 inches
Color	Navy
Manufacturer	SHENZHEN ORICO TECHNOLOGIES CO.,LTD

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ORICO website or contact their customer service.

- **2-Year Data Recovery Plan:** Available for purchase separately.
- **3-Year Data Recovery Plan:** Available for purchase separately.

Manufacturer: SHENZHEN ORICO TECHNOLOGIES CO.,LTD

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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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.

Submit question

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