

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [ORICO](#) /
- › [ORICO A20PLUS 1TB Magnetic External SSD User Manual](#)

ORICO A20PLUS-1TB

ORICO A20PLUS 1TB Magnetic External SSD User Manual

Model: A20PLUS-1TB | Brand: ORICO

INTRODUCTION

This manual provides comprehensive instructions for the ORICO A20PLUS 1TB Magnetic External SSD. It covers product features, setup, operation, maintenance, troubleshooting, and technical specifications. Please read this manual thoroughly to ensure proper use and optimal performance of your device.

WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1 x ORICO A20PLUS Portable SSD
- 1 x Packaging Box
- 1 x Magnetic Stripe (for non-magnetic devices)
- 1 x User Manual
- 1 x USB-C to USB-C Data Cable

Packing List

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

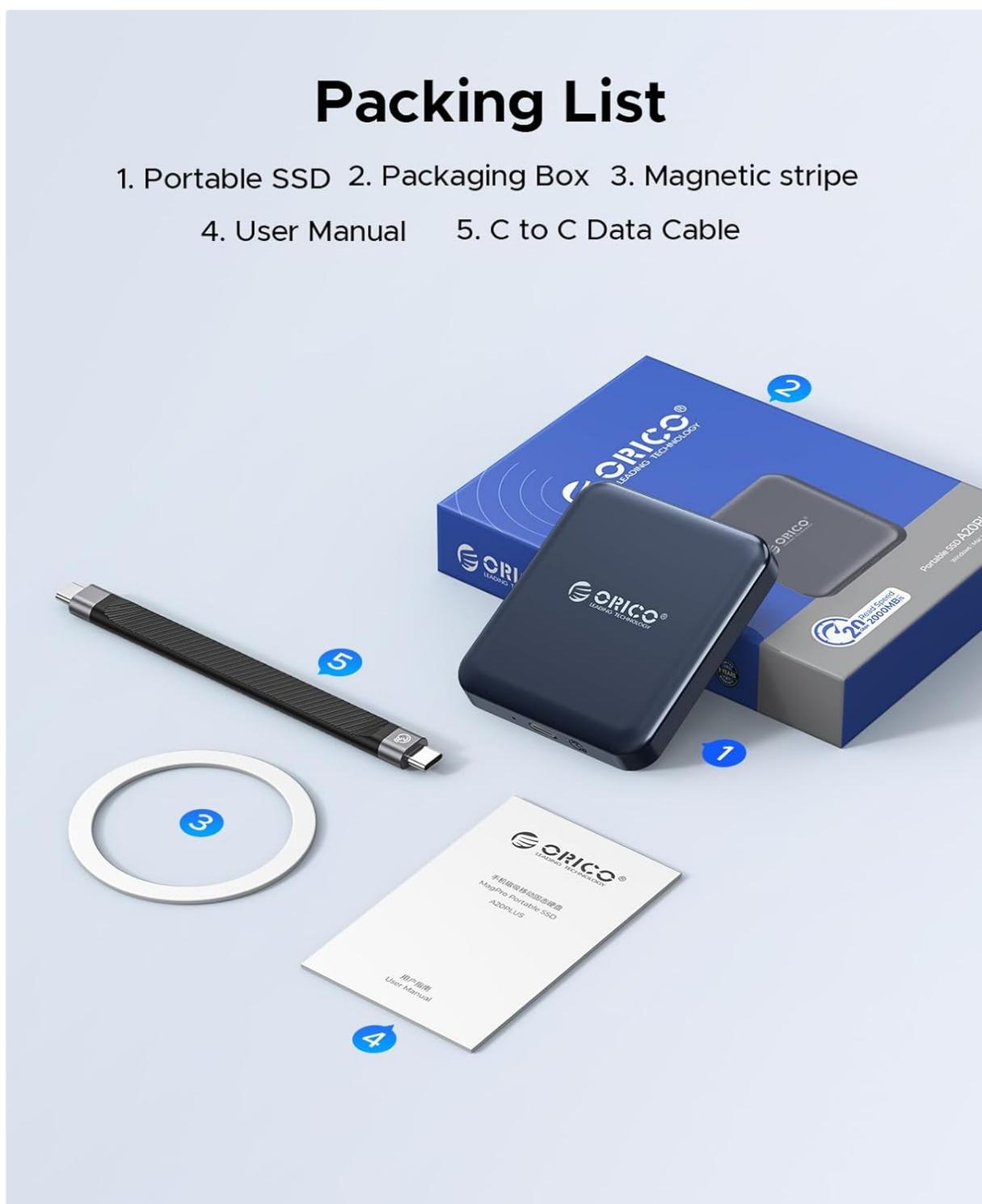


Figure 1: Package Contents. The image displays the ORICO A20PLUS Portable SSD, its retail packaging, a magnetic ring, the user manual, and a USB-C to USB-C data cable.

SETUP

Follow these steps to set up your ORICO A20PLUS SSD:

1. **Magnetic Attachment:** The ORICO A20PLUS features strong magnetic attraction for compatible devices. Simply align the SSD with the back of your device (e.g., iPhone 15 series) for a secure connection.
2. **Using the Magnetic Ring:** For devices without built-in magnetic attraction (e.g., older iPhone models, Android phones, or cases without magnetic features), attach the included magnetic stripe to the back of your device or phone case. Ensure it is centered for optimal magnetic hold.
3. **Connecting the Cable:** Connect one end of the provided USB-C to USB-C data cable to the ORICO A20PLUS SSD and the other end to your compatible device (smartphone, tablet, or computer).

Strong Magnetic



Use with Magnetic Ring

✔ Cell phone case without magnetic attraction



✔ Cell phone without magnetic attraction



Figure 2: Magnetic Attachment. The image shows the ORICO A20PLUS SSD magnetically attaching to an iPhone 15, highlighting its strong magnetic feature.

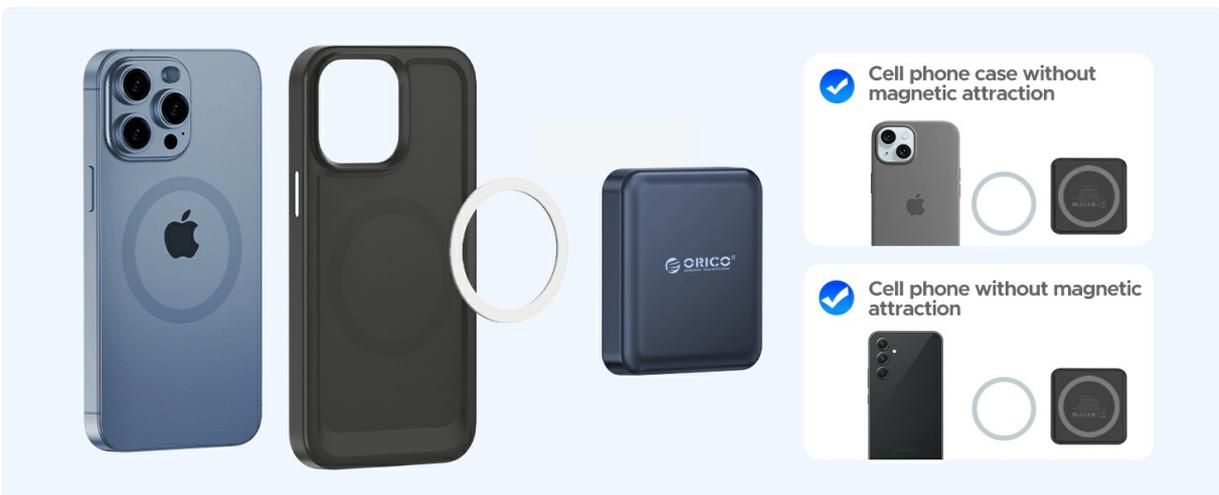


Figure 3: Magnetic Ring Usage. This diagram illustrates how to apply the magnetic ring to a phone case or directly to a phone that lacks native magnetic attraction, enabling secure attachment of the SSD.

OPERATING INSTRUCTIONS

General Operation (Plug and Play)

The ORICO A20PLUS SSD is designed for plug-and-play functionality. Once connected to a compatible device, it should be recognized automatically as an external storage device. No additional drivers or software are typically required for basic file transfer.



Figure 4: Wide Compatibility. The image demonstrates the ORICO A20PLUS SSD's compatibility with various USB-A/Type-C devices, emphasizing its plug-and-play design.

iPhone Usage (iPhone 15 Pro/Pro Max and newer)

The ORICO A20PLUS supports 4K ProRes HDR video recording directly from iPhone 15 Pro/Pro Max models. It also allows for easy transfer of existing photos and videos.

1. **Direct 4K ProRes HDR Recording:** Connect the SSD to your iPhone 15 Pro/Pro Max. Open the Camera app, select video mode, and ensure ProRes is enabled. Videos will automatically save to the external SSD.

2. **Transferring Existing Files:**

- Connect the SSD to your iPhone.
- Open the Photos app, select the desired photos/videos.
- Tap the Share icon, then select "Save to Files".
- Browse and select the ORICO SSD (e.g., named "2TB" or similar) as the destination.
- Tap "Save" to transfer the files.



ProRes Video Record and Store

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

Figure 5: 4K ProRes HDR Recording. The image shows the ORICO A20PLUS SSD connected to an iPhone 15 Pro, enabling direct 4K ProRes HDR video recording and storage.

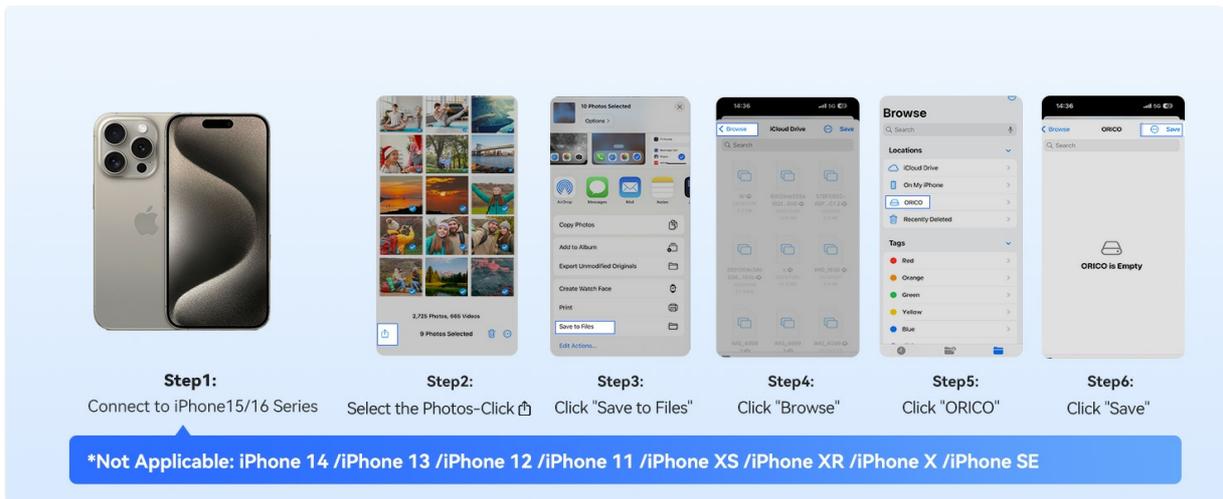


Figure 6: iPhone File Transfer Steps. This visual guide outlines the process of connecting the SSD to an iPhone 15/16 series and transferring selected photos or videos to the external drive via the 'Save to Files' option.

Android Phone Usage

The ORICO A20PLUS is compatible with USB-C Android smartphones for expanding storage and transferring files.

1. **Connecting and Accessing:** Connect the SSD to your Android phone via the USB-C cable. Access the SSD through your phone's file management application (e.g., "Files" or "My Files"). The SSD will appear as an OTG (On-The-Go) device or external storage.
2. **Transferring Files:**
 - o In your file manager, navigate to the files you wish to transfer.
 - o Select the target files.
 - o Choose the "Copy" or "Move" option.
 - o Navigate to the ORICO SSD (e.g., "OTG" or the drive's name) and paste the files.

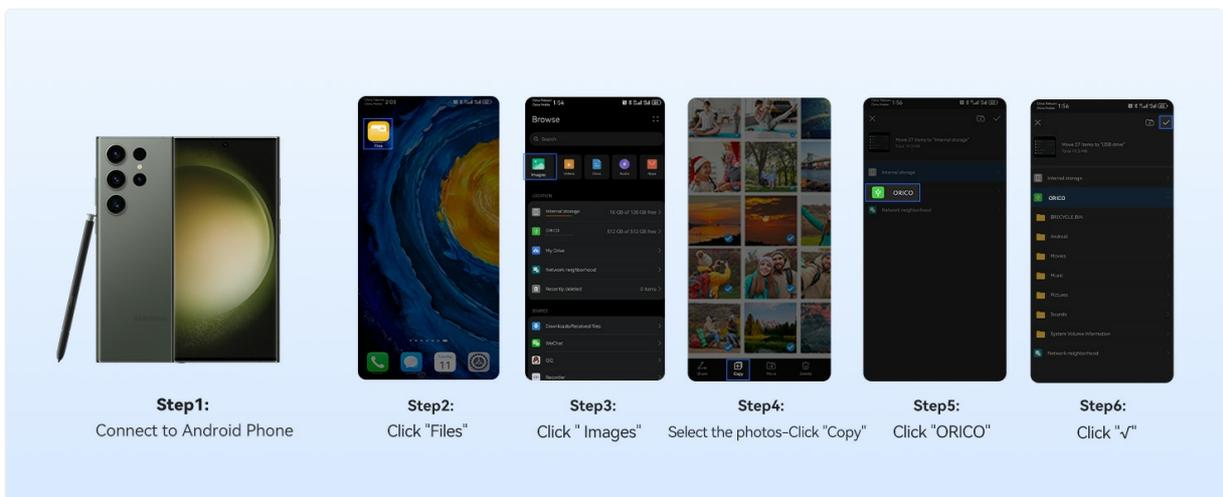
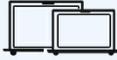


Figure 7: Android File Transfer Steps. This guide illustrates connecting the SSD to an Android phone and transferring files by selecting them in the phone's file manager and moving them to the ORICO drive.

Computer Usage

Connect the ORICO A20PLUS SSD to your computer (Windows, macOS, Linux) using the provided USB-C cable. The drive will appear as an external storage device, allowing you to drag and drop files for transfer.

Secure and Reliable Data Transmission



Laptop



Figure 8: Secure Data Transmission with Laptops. The image shows the ORICO A20PLUS SSD connected to two laptops, illustrating its use for secure and reliable data transfer between computer systems.

Maximizing Transfer Rate

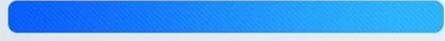
To achieve the maximum transfer speed of 2000MB/s (USB 3.2 Gen2x2), ensure the following:

- **Compatible Cable:** Use the provided USB-C to USB-C cable, which supports USB 3.2 Gen2x2 (20Gbps) speeds.
- **Compatible Interface:** Your host device (smartphone, tablet, or computer) must have a USB 3.2 Gen2x2 (20Gbps) compatible port. The SSD is backward-compatible with lower USB standards, but speeds will be limited by the host device's port.
- **Host Device Performance:** The read and write speeds of the receiving device's internal storage also affect overall transfer rates. For optimal performance, the receiving device's storage should also support high speeds.

10GB = 5 Seconds

USB 3.2 Gen2x2 transmission speed up to 2000MB/s

USB 3.2 Gen2x2

 2000MB/s

USB 3.2

 1000MB/s



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

Figure 9: High-Speed Transfer. This image highlights the ORICO A20PLUS SSD's USB 3.2 Gen2x2 capability, achieving 2000MB/s transfer speeds, allowing 10GB of data to be transferred in approximately 5 seconds.

How to Maximize the Transfer Rate



- ☑ If a 20Gbps transfer rate is to be realized, then the corresponding device's interface needs to be at least USB 3.2 Gen2 x 2 (20Gbps PSSD is back-ward-compatible, but the rate will be matched to the maximum rate that the interface can handle).

Figure 10: Maximizing Transfer Rate. This diagram illustrates the components influencing data transfer speed: the ORICO PSSD, the connecting cable, the device interface, and the computer's hard disk, emphasizing the need for compatible components for optimal performance.

Instructional Video

Your browser does not support the video tag.

Video 1: How to use ORICO magnetic external SSD. This video demonstrates the magnetic attachment, connecting the SSD to an iPhone for file transfer and direct recording, and connecting to an Android phone for file transfer.

MAINTENANCE

To ensure the longevity and optimal performance of your ORICO A20PLUS SSD, follow these maintenance guidelines:

- **Physical Protection:** While the SSD offers dust and drop resistance, avoid exposing it to extreme impacts, liquids, or excessive dust.
- **Temperature:** Operate and store the SSD within recommended temperature ranges (typically 0°C to 70°C for operation, -40°C to 85°C for storage).
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the SSD. Avoid using harsh chemicals or abrasive materials.
- **Safe Ejection:** Always safely eject the SSD from your device before disconnecting it to prevent data corruption.

TROUBLESHOOTING

If you encounter issues with your ORICO A20PLUS SSD, refer to the following common problems and solutions:

- **SSD Not Detected:**
 - Ensure the USB-C cable is securely connected to both the SSD and your device.
 - Try using a different USB-C port on your device or a different compatible cable.
 - Restart your device (smartphone, tablet, or computer).
 - For computers, check Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but unformatted.
- **Slow Transfer Speeds:**
 - Verify that your device's USB-C port supports USB 3.2 Gen2x2 (20Gbps) for maximum speed. Older USB standards will result in lower speeds.
 - Ensure you are using the provided high-speed USB-C cable.
 - The speed of the internal storage of the device you are transferring to can also be a bottleneck.
- **Incompatible with Older iPhones (Lightning Port):**
 - The ORICO A20PLUS is designed for USB-C devices. It is not directly compatible with iPhones using a Lightning port (iPhone 14 and earlier models). Using third-party adapters may not provide full functionality or power delivery. For these models, ORICO suggests using their LC10 Lightning adapter, though compatibility with this specific SSD is not guaranteed by this manual.
- **SSD Gets Warm During Use:**
 - It is normal for the SSD to become warm during prolonged high-speed data transfers or intensive operations like 4K video recording. This is due to the heat generated by the internal components. If it

becomes excessively hot or causes performance issues, discontinue use and contact support.

SPECIFICATIONS

Feature	Detail
Brand	ORICO
Series	A20PLUS
Model Number	A20PLUS-1TB
Hard Drive Type	Solid State Drive
Digital Storage Capacity	1 TB
Hard Disk Interface	USB 3.0 (Note: Product supports USB 3.2 Gen2x2 for 2000MB/s)
Connectivity Technology	USB-C
Special Feature	Portable, Magnetic Attachment, 4K ProRes HDR Recording Support
Compatible Devices	USB-C Smartphone (iPhone 15 series, Android), Computer
Item Weight	3.52 ounces
Color	Navy

WARRANTY AND SUPPORT

ORICO products typically come with a manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official ORICO website. For technical support, product inquiries, or service requests, please contact ORICO customer service through their official channels.

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