

ORICO K20-2TB

ORICO 2TB Magnetic Portable SSD User Manual

Model: K20-2TB

1. INTRODUCTION

The ORICO K20 Magnetic Portable SSD is a high-performance external solid state drive designed to expand storage capacity and facilitate high-speed data transfer for various devices, including smartphones, tablets, and computers. Its strong magnetic attachment and compact design make it ideal for on-the-go use, especially for professionals recording high-resolution video content.

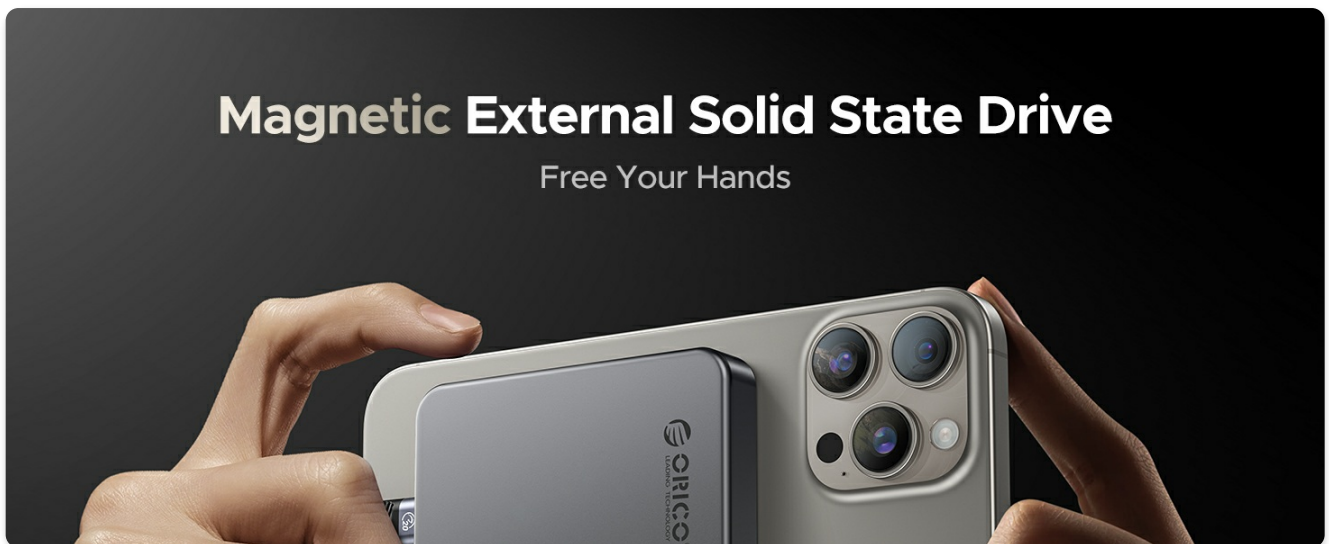


Image: The ORICO K20 Magnetic Portable SSD attached to the back of a smartphone, illustrating its compact design and magnetic functionality.

2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- ORICO K20 External SSD
- A Magnetic Attraction Ring
- C to C Cable

Packing List



1. Magnetic External SSD

2. C TO C Cable

3. Packaging Box

4. User Manual

5. Magnetic Attractor Ring

Image: A visual representation of all components included in the ORICO K20 Magnetic Portable SSD package.

3. SETUP

3.1. Connecting to Smartphones (iPhone 15/Android)

The ORICO K20 SSD features a strong magnetic design for easy attachment to compatible smartphones. For devices without built-in magnetic attraction (e.g., older iPhones, Android phones, or phones with non-magnetic cases), use the included magnetic attraction ring.

1. If your device does not have magnetic attraction, attach the provided magnetic attraction ring to the back of your phone or phone case.
2. Align the ORICO K20 SSD with the magnetic area on your phone/case until it securely attaches.
3. Connect the included USB-C to USB-C cable from the SSD to your smartphone's USB-C port.



Image: Illustration of the magnetic attachment mechanism and the use of the magnetic ring for non-compatible devices.

3.2. Connecting to Computers and Tablets

The ORICO K20 SSD is plug-and-play compatible with Windows, Linux, macOS, and iPadOS devices.

1. Connect the included USB-C to USB-C cable from the SSD to your computer or tablet's USB-C port.
2. The device should be automatically recognized by your operating system.

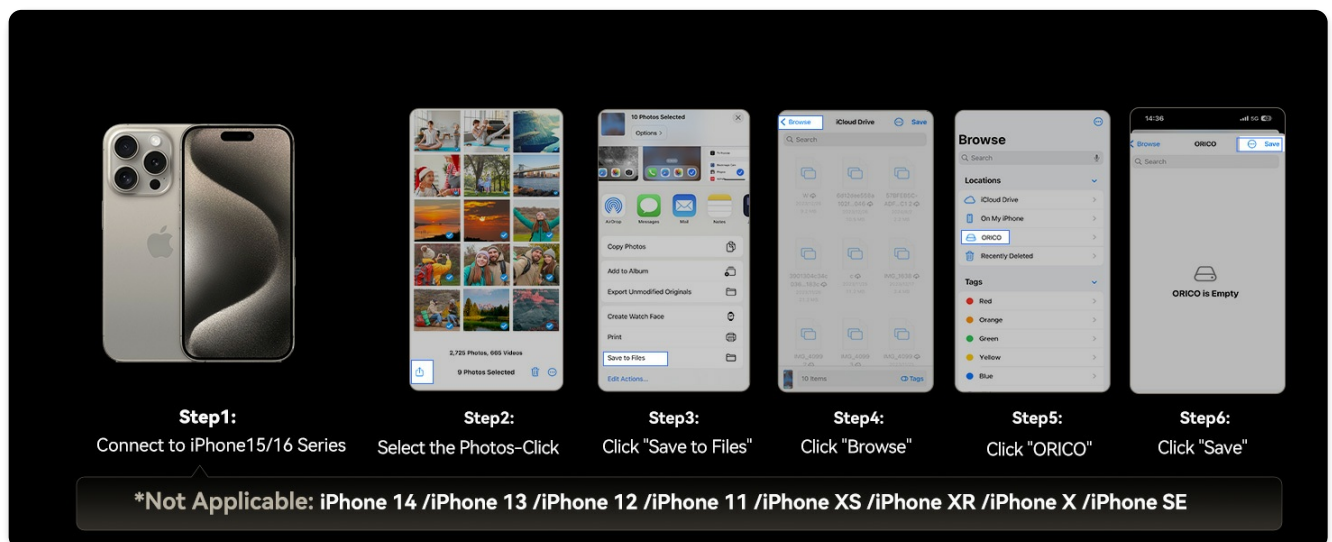


Image: The ORICO K20 SSD demonstrating its wide compatibility with different operating systems and device types.

4. OPERATION

4.1. Transferring Files

Once connected, the ORICO K20 SSD will appear as an external storage device. You can transfer files using your device's native file management system.

For iPhone 15/16 Series:

1. Connect the SSD to your iPhone.
2. Open the Photos app, select the desired photos/videos.
3. Tap the Share icon, then select "Save to Files".
4. Browse to find the ORICO SSD (usually labeled as "2TB" or "ORICO").
5. Select the desired folder or create a new one, then tap "Save".

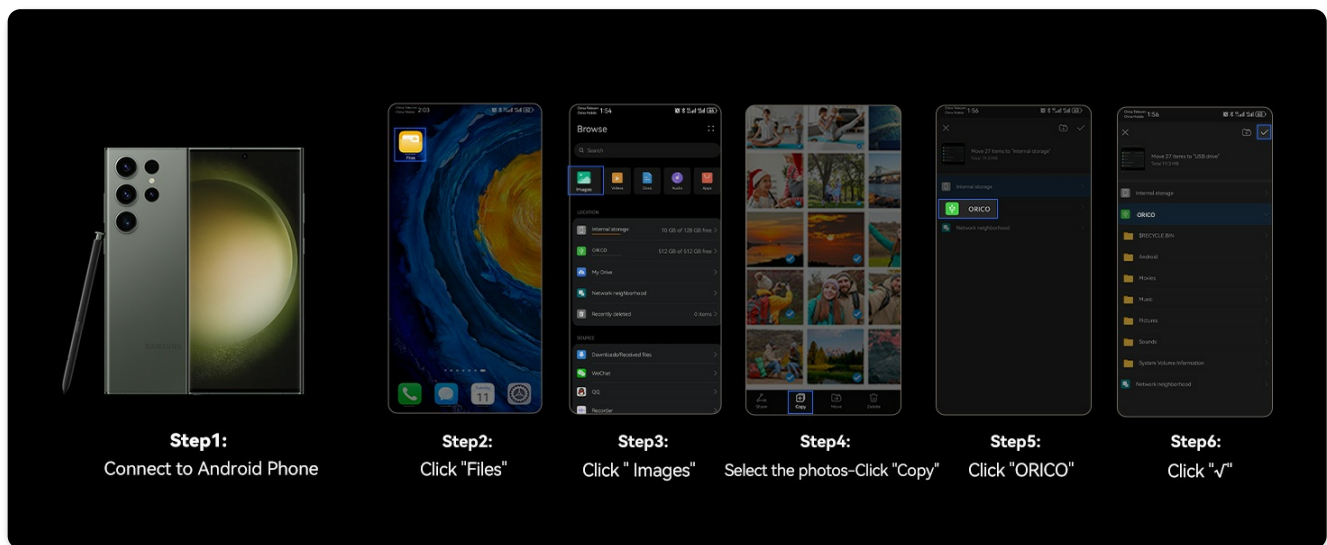


Image: Visual steps demonstrating how to transfer photos and videos from an iPhone to the ORICO K20 SSD.

For Android Phones:

1. Connect the SSD to your Android phone.
2. Open your phone's File Manager or "Files" app.
3. Navigate to the files you wish to transfer.
4. Select the files and choose "Copy" or "Move".
5. Browse to the ORICO SSD (often labeled as "OTG" or the drive's capacity).
6. Paste the files into the desired folder.



Image: Visual steps demonstrating how to transfer files from an Android phone to the ORICO K20 SSD.

4.2. Recording 4K 120 fps ProRes Video (iPhone 16 Pro/Pro Max)

The ORICO K20 SSD supports direct 4K 120 fps ProRes HDR video recording from compatible iPhone models, allowing you to save and edit large video files without consuming internal phone storage.

1. Ensure the ORICO K20 SSD is securely connected to your iPhone 16 Pro/Pro Max.
2. Open the Camera app.
3. Switch to Video mode.
4. Enable ProRes recording (if not already enabled) and select 4K 120 fps.
5. Start recording. The video will automatically save to the connected ORICO K20 SSD.

ProRes Video Record and Store

For iPhone16 Pro/Max direct external recording
Support 4K/120Hz ProRes



Image: An iPhone 16 Pro Max recording 4K 120 fps ProRes video, with the ORICO K20 SSD attached for direct storage.

Your browser does not support the video tag.

Video: Demonstrates how to use the ORICO magnetic external SSD for direct video recording and file management on an iPhone.

5. KEY FEATURES

5.1. Strong Magnetic Attachment

The SSD features powerful N52 high-strength magnets, ensuring a secure and stable connection to your device. This allows for hands-free operation during recording or data transfer.



Image: A visual explanation of the strong magnetic design, showing the SSD attaching firmly to a smartphone.

5.2. Expand Capacity

Instantly expand your device's storage capacity by up to 2TB, solving insufficient memory problems for photography enthusiasts, content creators, and everyday users.

Instantly Expand Capacity

Never worry about running out of memory again



Image: The ORICO K20 SSD shown expanding storage for various devices, including computers, tablets, and cameras.

5.3. Ultra-speed Transfer

Experience ultra-fast transfer speeds of up to 2000MB/s, enabling quick saving, editing, and sharing of large files. This speed is achieved with devices supporting USB 3.2 Gen2x2 interfaces.

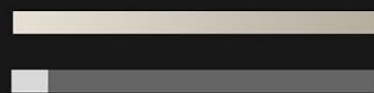
Up to 20Gbps

2000MB/s for USB 3.2 Gen2x2 Interface Device



20X
Faster Than USB 2.0

USB 3.2
Gen2x2
USB 2.0



20Gbps

480Mbps

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

Image: A comparison showing the ORICO K20 SSD's 2000MB/s transfer speed, significantly faster than USB 2.0.

5.4. Firm and Reliable (Aluminum Alloy)

The aluminum alloy body aids in rapid heat dissipation, maintaining stable transmission speeds and protecting your data during intensive use.

Firm and Reliable

Aluminum alloy for quick cooling,
stable transfer to protect your data security



Aluminum Alloy



Image: The ORICO K20 SSD highlighting its aluminum alloy construction for effective heat dissipation.

Your browser does not support the video tag.

Video: An overview of the ORICO 2000MB/s Magnetic Portable SSD, showcasing its features and design.

6. MAINTENANCE

- Keep the SSD clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the SSD to extreme temperatures or direct sunlight.
- Do not drop or subject the SSD to strong impacts, as this may damage internal components.

- Safely eject the SSD from your device before disconnecting to prevent data corruption.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
SSD not recognized by device	Loose connection, incompatible port, driver issue.	Ensure cable is securely connected. Try a different USB-C port or device. Update device drivers if on PC.
Slow transfer speeds	Device port not USB 3.2 Gen2x2, cable issue, background processes.	Ensure your device supports USB 3.2 Gen2x2 for maximum speed. Close unnecessary applications. Try a different USB-C cable.
Magnetic attachment is weak	Device not MagSafe compatible, thick case, incorrect ring placement.	Use the included magnetic attraction ring. Ensure the ring is properly adhered to your phone/case. Use a thinner, MagSafe-compatible case.
Video recording issues (e.g., dropped frames)	Insufficient SSD speed for recording settings, overheating.	Ensure your device and SSD are capable of the selected recording resolution/frame rate. Check for overheating; allow SSD to cool.

8. SPECIFICATIONS

- **Model:** K20-2TB
- **Digital Storage Capacity:** 2 TB
- **Hard Disk Interface:** USB 3.0 (Note: Supports USB 3.2 Gen2x2 for up to 2000MB/s)
- **Connectivity Technology:** USB
- **Special Feature:** Portable, Magnetic Attachment
- **Materials:** Aluminum Alloy
- **Product Dimensions:** 3.27 x 2.36 x 0.43 inches
- **Item Weight:** 1.87 ounces
- **Color:** Gray
- **Compatible Devices:** Laptop, Desktop, Tablet, Camera, Smartphone (iPhone 15/16 Pro/Pro Max, Android with USB-C)

9. WARRANTY & SUPPORT

ORICO products typically come with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty duration and coverage.

For technical support, product inquiries, or warranty claims, please contact ORICO customer service through their official website or the contact information provided in your product documentation.

Manufacturer: SHENZHEN ORICO TECHNOLOGIES CO.,LTD

Country of Origin: China

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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