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› ORICO 2.5 Hard Drive Enclosure SATA to USB Cable User Manual

ORICO S1-3AB-03

ORICO 2.5" Hard Drive Enclosure SATA to USB Cable User Manual

Model: S1-3AB-03

1. PRODUCT OVERVIEW

The ORICO S1-3AB-03 is a versatile SATA to USB 3.0 adapter cable designed to quickly access 2.5-inch SATA SSDs and HDDs. It provides a convenient solution for adding external storage, performing data backups, creating disk images, and transferring content to your computer. This adapter supports UASP for enhanced transfer speeds and comes with a protective silicone case for your hard drive.



Figure 1: ORICO SATA to USB 3.0 adapter cable and protective silicone case.



Figure 2: Product packaging and included components.

Package Contents:

- ORICO SATA to USB 3.0 Adapter Cable
- 2.5-inch Silicone Protective Case

2. SPECIFICATIONS

Model Number	S1-3AB-03
Compatible Drive Type	2.5-inch SATA I/II/III SSD & HDD
Hardware Interface	USB 3.0 (backward compatible with USB 2.0)
Transfer Speed	Up to 5Gbps (with UASP support)
Supported Capacity	Up to 6TB (for 2.5-inch drives)
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	7.28 x 4.33 x 1.57 inches
Item Weight	5.75 ounces
Cable Length Options	30cm, 50cm, 100cm (depending on variant)

3. SETUP & INSTALLATION

Follow these steps to connect your 2.5-inch SATA SSD or HDD to your computer using the ORICO adapter.

1. **Insert the Hard Drive:** Gently connect your 2.5-inch SATA SSD or HDD to the SATA connector on the ORICO adapter. Ensure a firm connection.
2. **Apply Protective Case (Optional but Recommended):** Slide the connected hard drive and adapter into the provided 2.5-inch silicone protective case. This case helps protect the drive from shock and friction.
3. **Connect to Computer:** Plug the USB 3.0 connector of the adapter cable into an available USB 3.0 port on your

laptop, PC, or other compatible device.

4. **Power and Activity Indicator:** The LED indicator light on the adapter will illuminate to show power status and will blink during data activity.



Figure 3: Connecting a 2.5-inch SATA HDD. No external power supply is required for 2.5-inch drives.

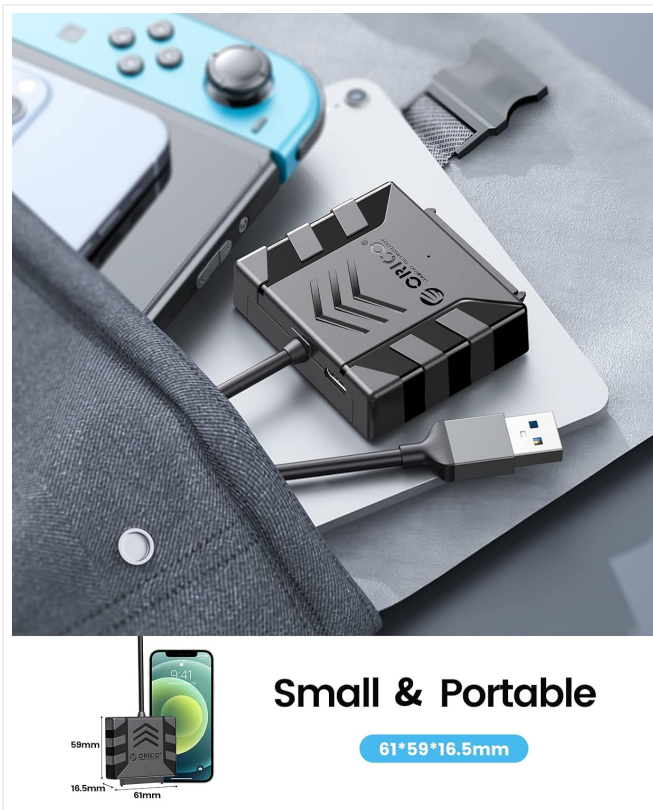


Figure 4: The compact design allows for easy portability.

The device is plug-and-play, meaning no drivers are typically required for most operating systems.

4. OPERATING INSTRUCTIONS

Once connected, your computer should recognize the hard drive as an external storage device. You can then perform various operations:

- **Data Transfer:** Drag and drop files to and from the connected drive.
- **Backup:** Use your operating system's backup tools to create backups of your important data.
- **Disk Imaging:** Create full disk images for system recovery or migration.
- **Access Files:** Directly access and manage files stored on the drive.

UASP (USB Attached SCSI Protocol) Support:

This adapter supports UASP, which can significantly increase data transfer speeds, up to 70% faster than conventional USB 3.0. To benefit from UASP, ensure your computer's operating system and USB host controller also support UASP.

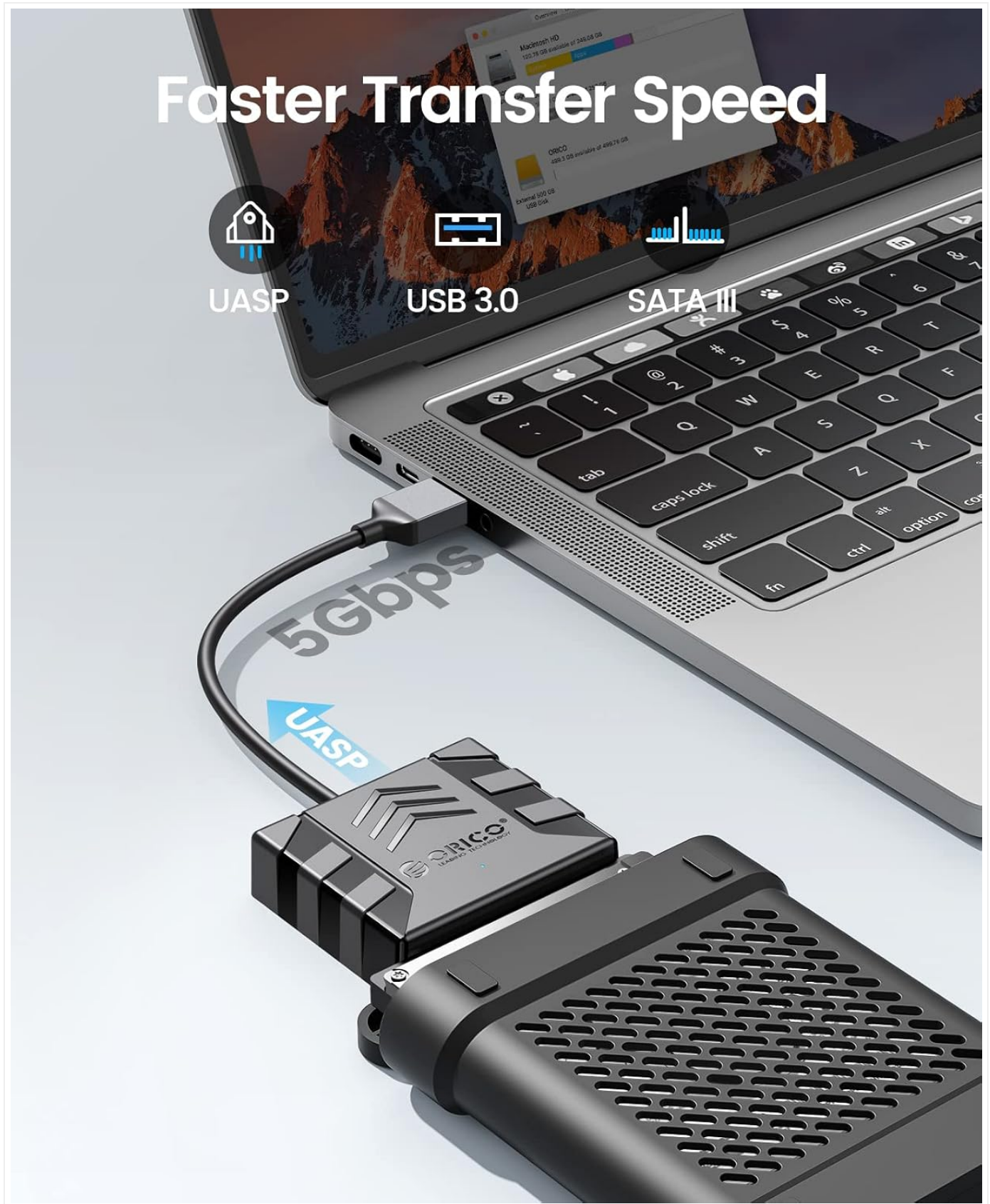


Figure 5: Experience faster data transfer speeds with UASP support.

Storage Capacity:

The adapter supports 2.5-inch SATA SSDs and HDDs with capacities up to 6TB.

Up to 6TB

Support 2.5 Inch SATA HDD/SSD up to 6TB



Figure 6: Supports 2.5-inch SATA drives up to 6TB.

5. COMPATIBILITY

Operating Systems:

The ORICO S1-3AB-03 adapter is compatible with major operating systems, including:

- Windows (XP/Vista/7/8/10/11)

- macOS
- Linux
- Chrome OS

Compatible with Multi-System

Plug and Play



Mac OS



Linux



Windows



Figure 7: Plug and Play compatibility with multiple operating systems.

Devices:

This adapter can be used with various devices that have a USB-A port:

- Laptops
- Desktop PCs
- Televisions
- Routers
- Gaming Consoles (e.g., Xbox, PlayStation, Nintendo Switch)



Figure 8: Broad compatibility with various devices.

6. CARE & MAINTENANCE

To ensure the longevity and optimal performance of your ORICO SATA to USB adapter and connected hard drive, please follow these guidelines:

- **Handle with Care:** Avoid dropping or subjecting the adapter and hard drive to strong impacts.
- **Use Protective Case:** Always use the provided silicone protective case when transporting or storing your 2.5-inch hard drive with the adapter to prevent physical damage.
- **Keep Dry:** Do not expose the device to water or excessive humidity.
- **Clean Gently:** Use a soft, dry cloth to clean the adapter. Avoid using harsh chemicals or abrasive materials.
- **Proper Disconnection:** Always safely eject the hard drive from your operating system before physically disconnecting the adapter to prevent data corruption.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your ORICO SATA to USB adapter, refer to the following common problems and solutions:

Problem	Solution
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Drive not detected by computer.	◦ Ensure the SATA connection between the drive and adapter is secure. ◦ Try connecting the adapter to a different USB port on your computer. ◦ Test with a different 2.5-inch SATA SSD/HDD to rule out drive issues. ◦ Check Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but needs initialization or formatting. ◦ Ensure your hard drive is a 2.5-inch SATA drive. This adapter does not support 3.5-inch drives, IDE, MSATA, or M.2 interfaces.
Slow transfer speeds.	◦ Ensure you are connected to a USB 3.0 port on your computer. ◦ Verify that your operating system and USB host controller also support UASP. ◦ Check the health of your hard drive. ◦ Avoid transferring many small files simultaneously, as this can reduce overall speed.
LED indicator not lighting up.	◦ Ensure the adapter is firmly plugged into the USB port. ◦ Try a different USB port. ◦ Verify the hard drive is properly connected to the adapter.

8. IMPORTANT NOTES & LIMITATIONS

- **2.5-inch Drives Only:** This SATA adapter is designed exclusively for 2.5-inch SATA SSDs and HDDs. It **does not support 3.5-inch hard drives**.
- **Interface Compatibility:** The adapter is compatible with SATA interfaces only. It **is not compatible with ATA (IDE), MSATA, or M.2 interfaces**. Please confirm your hard drive type before use.
- **Power Requirements:** For 2.5-inch SSDs/HDDs, no external power supply is typically required as power is drawn from the USB port.
- **UASP Performance:** UASP performance benefits require both the host computer's USB port and operating system to support UASP.

9. PRODUCT VIDEO

Watch the official product video for a visual guide on the ORICO SATA to USB adapter's features and usage.



Video Description: This video demonstrates the ORICO SATA to USB adapter. It highlights the available cable lengths (30cm, 50cm, 100cm), compatibility with 2.5-inch SATA SSD/HDD, the simple connection process, the LED indicator for power and activity, and the product's small and portable design. It also shows the adapter being stored in a backpack, emphasizing its convenience for on-the-go use.

10. WARRANTY & SUPPORT

ORICO products typically come with a standard manufacturer's warranty. For specific warranty details, technical support, or customer service inquiries, please visit the official ORICO website or contact their customer support directly.

Official Website: www.orico.cc

For further assistance, you may also refer to the ORICO brand store on Amazon: [ORICO Store](#)

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