

ORICO 2139U3-V1-CR

ORICO 2.5-inch USB 3.0 to SATA External HDD/SSD Enclosure

Model: 2139U3-V1-CR

Brand: ORICO

1. INTRODUCTION

Thank you for choosing the ORICO 2.5-inch USB 3.0 to SATA External HDD/SSD Enclosure. This device provides a convenient and efficient solution for connecting your 2.5-inch SATA hard drives or solid-state drives to your computer via USB 3.0. Its transparent design allows for easy identification of the installed drive, while its tool-free installation ensures quick setup. This manual will guide you through the installation, operation, and maintenance of your new enclosure.

2. PRODUCT FEATURES

- **Transparent Design:** High-quality clear PC material allows visibility of the internal drive.
- **High-Speed Data Transfer:** Supports UASP and TRIM protocols, offering up to 5Gbps data transfer speed via USB 3.0, which is significantly faster than traditional USB 3.0 without UASP. Backward compatible with USB 2.0 and 1.1 ports.
- **Wide Compatibility:** Compatible with 2.5-inch SATA I/II/III HDD and SSD (7mm/9.5mm thickness) up to 6TB capacity. Supports Windows, Linux, and Mac OS operating systems.
- **Tool-Free Installation:** Simple slide-open design allows for quick and easy installation without any tools.
- **Plug & Play:** No drivers required for operation. Supports hot-swap functionality.
- **Intelligent Sleep Mode:** Automatically enters sleep mode after 10 minutes of inactivity to prolong the lifespan of your hard drive.
- **LED Indicator:** A blue LED light indicates the working status of the enclosure.
- **Enhanced Protection:** Built-in safeguards against short-circuit, over-current, over-voltage, over-heat, and shock.

3. PACKAGE CONTENTS

Please check the package for the following items:

- ORICO 2.5-inch USB 3.0 to SATA External HDD/SSD Enclosure
- USB-A to Micro-B 3.0 Data Cable (approx. 50cm)
- Foam Pad (for 7mm drives)
- User Manual



Packing List



Image: Contents of the ORICO 2.5-inch USB 3.0 to SATA External HDD/SSD Enclosure package, including the enclosure, USB cable, foam pad, and user manual.

4. SETUP INSTRUCTIONS

Follow these steps for tool-free installation of your 2.5-inch SATA HDD/SSD:

1. **Open the Enclosure:** Gently slide open the top cover of the ORICO enclosure.
2. **Insert the Drive:** Align your 2.5-inch SATA HDD or SSD with the SATA connector inside the enclosure and firmly push it into place. If using a 7mm thick drive, place the included foam pad inside the enclosure before inserting the

drive to ensure a snug fit.

3. **Close the Enclosure:** Slide the top cover back until it clicks securely into place.
4. **Connect to Computer:** Connect one end of the provided USB 3.0 cable to the Micro-B port on the enclosure and the other end to an available USB 3.0 port on your computer.

Easy to Use

Tool free installation in seconds, plug and play.



Image: A four-step visual guide demonstrating how to open the enclosure, insert a 2.5-inch HDD/SSD, close the enclosure, and connect it to a laptop via USB.

5. OPERATING INSTRUCTIONS

Once connected, your operating system should automatically detect the drive. If it's a new drive, you may need to initialize and format it through your operating system's disk management utility before use.

- **LED Indicator:** The blue LED light on the enclosure will illuminate when connected and blink during data transfer, indicating active operation.
- **Hot-Swap Functionality:** The enclosure supports hot-swapping, allowing you to connect or disconnect the device while your computer is running, without needing to restart. Always ensure data transfer is complete before disconnecting.
- **Intelligent Sleep:** After 10 minutes of inactivity, the enclosure will enter an intelligent sleep mode to conserve power and extend the life of your drive. The drive will automatically wake up upon access.



Image: Details showing the LED indicator, Micro-B USB 3.0 interface, and the 10-minute auto-sleep function.

6. MAINTENANCE

To ensure the longevity and optimal performance of your ORICO enclosure and the installed drive, consider the following maintenance tips:

- **Handle with Care:** Although the enclosure offers shock protection, avoid dropping or subjecting it to strong impacts.
- **Keep Clean:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid using liquid cleaners or solvents.
- **Proper Disconnection:** Always safely eject the drive from your operating system before physically disconnecting the USB cable to prevent data corruption.
- **Environmental Conditions:** Store and operate the enclosure in a cool, dry environment, away from direct sunlight, extreme temperatures, and high humidity.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Drive not detected	Loose connection, faulty cable, uninitialized/unformatted drive, incompatible drive.	Ensure the drive is properly seated in the enclosure. Try a different USB port or cable. Check Disk Management (Windows) or Disk Utility (Mac) to initialize/format new drives. Verify drive compatibility (2.5-inch SATA HDD/SSD).
Slow transfer speeds	Connected to USB 2.0 port, UASP not enabled, drive performance limitations.	Connect to a USB 3.0 port (usually blue). Ensure your operating system and motherboard support UASP. Note that actual speeds depend on the drive's performance.

Problem	Possible Cause	Solution
LED not lighting up	No power, faulty connection.	Ensure the USB cable is securely connected to both the enclosure and the computer. Try a different USB port.
Enclosure feels loose	7mm drive without foam pad.	If using a 7mm thick drive, ensure the included foam pad is placed inside the enclosure to secure the drive.

If the problem persists, please contact ORICO customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	ORICO
Model	2139U3-V1-CR
Color	Transparent
Compatible Drive Type	2.5-inch SATA I/II/III HDD & SSD (7mm/9.5mm)
Max Capacity	6 TB
Output Interface	USB 3.0 Micro-B
Transfer Rate	Up to 5Gbps (USB 3.0)
Supported Protocols	UASP, TRIM
Operating System Compatibility	Windows, Linux, Mac OS
Power Supply	USB Bus-powered (no external power required)
Features	Tool-free, Hot-swap, Plug & Play, 10-min Auto-sleep, LED Indicator
Protection	Short-circuit, Over-current, Over-voltage, Over-heat, Shock-proof
Material	High-quality clear PC
Included Cable Length	50cm

9. WARRANTY AND SUPPORT

This ORICO product comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

For technical support, warranty claims, or further inquiries, please contact ORICO customer service through the retailer where you purchased the product or visit the official ORICO website for contact information.

Please retain your proof of purchase for warranty service.

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