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> ORICO External Hard Drive Enclosure 9528U3-US User Manual

## ORICO 9528U3-US

# ORICO 9528U3-US 2-Bay External Hard Drive Enclosure User Manual

Model: 9528U3-US | Brand: ORICO

## 1. INTRODUCTION

Thank you for choosing the ORICO 9528U3-US 2-Bay External Hard Drive Enclosure. This device provides a quick and simple way to expand your storage capacity, supporting two 3.5-inch SATA HDDs with a maximum total capacity of 40TB (20TB per drive). Designed for efficient data management and backup, it features high-speed USB 3.0 connectivity, robust aluminum alloy construction for heat dissipation, and a tool-free design for easy drive installation. This manual will guide you through the setup, operation, and maintenance of your new enclosure.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x ORICO 2-Bay Hard Drive Enclosure
- 1 x 1M USB 3.0 Type-A Cable
- 1 x 48W Power Adapter
- 1 x User Manual

## 3. PRODUCT FEATURES

- **Flexible Compatibility:** Supports two 3.5-inch SATA I/II/III HDD/SSD drives, with a maximum capacity of 40TB (20TB per drive).
- **High-Speed Data Transfer:** USB 3.0 interface provides data transfer speeds up to 5Gbps, backward compatible with USB 2.0/1.1.
- **Efficient Heat Dissipation:** Constructed from unibody aluminum-alloy (3.5mm thickness) with a built-in silent fan and ventilation holes to ensure optimal cooling and extended drive lifespan.
- **Tool-Free Design:** Tray-less design allows for easy and quick installation and replacement of hard drives.
- **Privacy and Data Protection:** Features a safety lock for each drive bay to prevent accidental removal. Includes short-circuit, over-current, over-heat, and over-voltage protection.
- **Wide System Compatibility:** Compatible with Windows XP/Vista/7/8/8.1/10, Linux, and Mac OS 9.1/10.2 or higher. Supports Plug & Play and hot-swapping.

- **Continuous Operation:** Designed for 24-hour uninterrupted work, suitable for enterprise data storage, server extension, video editing, photo backup, and more.



The advertisement features a black and silver ORICO 9528U3-US enclosure with two drive bays. The background is dark blue with the text '2 BAY' in large, light blue letters. To the right of the enclosure, it says 'MAX 40TB' and 'Single Disk: 20TB'. Below the enclosure, there are six feature boxes arranged in a 3x2 grid, each with an icon and text.

**2 BAY**

**MAX 40TB**  
Single Disk: 20TB

- 3.5 MM**  
Aluminum alloy enclosure
- Key Lock**  
Lock the hatch
- 48W**  
12V4A Independent Power Supply
- Tool-free**  
Plug and play
- 5 Gpbs**  
Read: 230MB/s  
Write: 230MB/s
- Fan System**  
Improve heat dissipation performance

Figure 3.1: Key features of the ORICO 9528U3-US enclosure.

## 4. SETUP AND INSTALLATION

### 4.1 Hard Drive Installation

1. Ensure the enclosure is powered off and disconnected from your computer.

2. Unlock the drive bay by turning the key lock.
3. Gently slide your 3.5-inch SATA HDD/SSD into the open bay until it is securely seated. The tool-free design ensures easy insertion.
4. Close the drive bay and turn the key lock to secure the drive in place.
5. Repeat for the second drive if applicable.



Figure 4.1: Inserting a 3.5-inch SATA hard drive into the enclosure.

## 4.2 Connecting to Your Computer

1. Connect the 48W power adapter to the DC IN port on the back of the enclosure and plug it into a power outlet.
2. Connect one end of the provided USB 3.0 Type-A cable to the USB 3.0 interface on the back of the enclosure.
3. Connect the other end of the USB 3.0 Type-A cable to an available USB 3.0 port on your computer.
4. Press the power button on the back of the enclosure to turn it on. The LED indicators on the front will illuminate, indicating power and drive activity.

- ❶ LED Indicator
- ❷ Keyhole
- ❸ Airflow Hole
- ❹ Anti-Knock Mat



- ❺ Power Interface
- ❻ USB 3.0 Interface
- ❼ Power Button

Figure 4.2: Front and rear panel overview with connection points.

## 5. OPERATION

## 5.1 Powering On/Off

- To power on the enclosure, press the power button located on the rear panel. The blue LED indicators on the front will light up.
- To power off the enclosure, press the power button again. Ensure all data transfers are complete before powering off to prevent data loss.

## 5.2 Hard Drive Formatting and Partitioning

For new hard drives, or if you wish to erase all data and reconfigure existing drives, you will need to format and partition them. The process varies slightly depending on your operating system (Windows, macOS, or Linux).



Video 5.1: How to format a hard drive in Windows, macOS, and Linux. This video provides a comprehensive guide on initializing and formatting hard drives across different operating systems to prepare them for use with the ORICO enclosure.

For detailed, step-by-step instructions specific to your operating system, please refer to your OS documentation or search for "Disk Management" (Windows), "Disk Utility" (macOS), or "Disks" / "GParted" (Linux) guides online.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the enclosure is placed in a well-ventilated area to allow the built-in fan to operate effectively and prevent overheating. Avoid blocking the ventilation holes.
- **Drive Handling:** When inserting or removing drives, do so gently to avoid damaging the SATA connectors.
- **Firmware Updates:** Periodically check the official ORICO website for any available firmware updates for your model to ensure optimal performance and compatibility.

## 7. TROUBLESHOOTING

| Problem                              | Possible Cause                                                                                                      | Solution                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure does not power on.         | Power adapter not connected or faulty; power button not pressed.                                                    | Ensure the power adapter is securely connected to the enclosure and a working power outlet. Press the power button firmly.                                                                                                                                                                                                          |
| Hard drive not detected by computer. | Drive not properly seated; USB cable faulty or connected to a non-working port; drive not formatted or partitioned. | Ensure the hard drive is fully inserted and locked into the bay.<br>Try a different USB port on your computer or a different USB 3.0 cable.<br>Check Disk Management (Windows), Disk Utility (macOS), or Disks (Linux) to see if the drive is recognized but unformatted. Format and partition if necessary (refer to Section 5.2). |
| Slow data transfer speeds.           | Connected to a USB 2.0 port; old or damaged USB cable; drive performance issues.                                    | Ensure the enclosure is connected to a USB 3.0 port on your computer.<br>Try a different USB 3.0 cable.<br>Check the health of your hard drive.                                                                                                                                                                                     |
| Enclosure feels hot.                 | Normal operation; poor ventilation.                                                                                 | The aluminum casing is designed to dissipate heat. Ensure adequate airflow around the enclosure and that ventilation holes are not blocked. If excessively hot, power off and allow to cool.                                                                                                                                        |

| Problem                    | Possible Cause        | Solution                                                                     |
|----------------------------|-----------------------|------------------------------------------------------------------------------|
| Accidental drive ejection. | Drive bay not locked. | Always ensure the drive bay is securely locked after inserting a hard drive. |

## 8. SPECIFICATIONS

| Feature              | Detail                                                          |
|----------------------|-----------------------------------------------------------------|
| Model                | 9528U3-US                                                       |
| Brand                | ORICO                                                           |
| Material             | Aluminum Alloy                                                  |
| Color                | Black                                                           |
| Drive Bays           | 2-Bay                                                           |
| Compatible Drives    | 3.5-inch SATA I/II/III HDD/SSD                                  |
| Max Capacity         | Up to 40TB (20TB per drive)                                     |
| Output Interface     | USB 3.0 Type-A                                                  |
| Transfer Rate        | Up to 5Gbps (USB 3.0)                                           |
| Power Adapter        | 48W (12V/4A)                                                    |
| System Compatibility | Windows XP/Vista/7/8/8.1/10, Linux, Mac OS 9.1/10.2 or higher   |
| Safety Features      | Short-circuit, Over-current, Over-heat, Over-voltage protection |
| Item Weight          | 5.6 Pounds                                                      |
| Package Dimensions   | 12 x 8.5 x 7.5 inches                                           |

## 9. WARRANTY AND SUPPORT

ORICO products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ORICO website. If you encounter any issues or require technical assistance, please contact ORICO customer support through their official channels.

For additional resources, including updated drivers or troubleshooting guides, please visit the [ORICO Official Store on Amazon](#) or the ORICO global website.

### ASK A QUESTION ABOUT THIS MANUAL

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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.

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