

## ORICO 9828U3

# ORICO 9828U3 2-Bay 3.5-inch USB 3.0 HDD Enclosure User Manual

Model: 9828U3

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## 1. INTRODUCTION

The ORICO 9828U3 is a 2-bay external enclosure designed for 3.5-inch SATA Hard Disk Drives (HDDs). It provides a reliable and efficient solution for expanding your storage capacity, backing up data, and managing large files. Featuring a USB 3.0 interface, it offers high-speed data transfer and broad compatibility with various operating systems. This manual will guide you through the installation, operation, and maintenance of your device.



Image: The ORICO 9828U3 2-Bay HDD Enclosure, showcasing its sleek design and dual drive bays.

## 2. PACKAGE CONTENTS

Please check the package contents upon opening to ensure all items are present:

- ORICO 9828U3 HDD Enclosure
- USB-A to B Cable
- Power Adapter (12V/4A)
- Screws (for HDD mounting, if applicable)

- Instruction Manual (this document)
- Driver (if required, typically for specific RAID modes or older OS)

## 3. SETUP

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### 3.1. HDD Installation

The ORICO 9828U3 features a tool-free design for easy installation of 3.5-inch SATA HDDs. Follow these steps:

1. Ensure the enclosure is powered off and disconnected from your computer.
2. Locate the drive bay doors on the front of the enclosure.
3. Gently pull the lever on the drive bay door to open it.
4. Slide your 3.5-inch SATA HDD into the open bay until it is securely seated. Ensure the SATA connectors align properly.
5. Close the drive bay door until it clicks into place.
6. Repeat for the second HDD if installing two drives.
7. Utilize the integrated safety lock mechanism to prevent accidental drive ejection. Insert the key and turn to lock the drive bays.



Image: Illustrates the push-pull installation of a 3.5-inch HDD into the enclosure and the safety lock mechanism.

### 3.2. Connecting to Your Computer

After installing the HDDs, connect the enclosure to your computer:

1. Connect one end of the provided USB-A to B cable to the USB 3.0 port on the back of the enclosure.
2. Connect the other end of the USB-A to B cable to an available USB 3.0 port on your computer.
3. Connect the power adapter to the DC IN port on the back of the enclosure.
4. Plug the power adapter into a wall outlet.
5. Turn on the power switch on the back of the enclosure. The LED indicators on the front will illuminate, indicating power and drive activity.

# 5Gbpsの高速転送



Image: Shows the power adapter and USB cable connected to the rear ports of the ORICO HDD enclosure.

## 4. OPERATING INSTRUCTIONS

### 4.1. Power On/Off

- To power on: Ensure all cables are connected, then flip the power switch on the back of the enclosure to the "ON" position.
- To power off: Safely eject the drives from your operating system first, then flip the power switch to the "OFF" position.

## 4.2. Data Transfer

Once connected and powered on, your computer should recognize the installed HDDs. You can then drag and drop files, copy, or move data to and from the drives as you would with any other external storage device. The USB 3.0 interface supports data transfer speeds up to 5Gbps, with mechanical hard drives typically achieving around 230 MB/s.



Image: Depicts data being transferred from a computer to the ORICO enclosure at high speed (230MB/s).

## 4.3. Intelligent Sleep Mode

The enclosure features an intelligent sleep mode. If there is no data activity for 10 minutes, the device will automatically enter sleep mode to conserve power and extend the lifespan of your hard drives. It will wake up automatically upon data access.



Image: Shows the enclosure connected to a laptop, with an overlay indicating the 10-minute intelligent sleep feature.

## 5. KEY FEATURES

### 5.1. Large Storage Capacity

The ORICO 9828U3 supports two 3.5-inch SATA hard drives, with each bay accommodating up to 22TB. This provides a total storage capacity of up to 44TB, ideal for large engineering projects, high-resolution video storage, and other extensive data needs.

# 44TB 大容量ストレージ

シングルディスク 最大22TB



1100万枚  
のHD写真



3.6K  
のHDビデオ



180万件  
のHIFI ミュージック



1.6K  
のファイル



Image: Illustrates the 44TB storage capacity of the 2-bay enclosure, showing various data types like HD photos, 3.6K videos, and music files.

## 5.2. Efficient Heat Dissipation

To ensure stable and long-term operation, the enclosure is equipped with excellent heat dissipation features. It includes front and rear ventilation slots, a built-in 50mm silent cooling fan, and an aluminum alloy body that effectively accelerates heat transfer. This design improves internal airflow and maintains optimal operating temperatures for your HDDs.

# 効率的な放熱



Image: Shows the rear of the enclosure with the cooling fan and ventilation mesh, highlighting the airflow for efficient heat dissipation.

## 5.3. High-Speed Data Transfer

The USB 3.0 interface is fully compatible with the SATA protocol, enabling high-speed data transfer. Mechanical hard drives can achieve transfer speeds of up to 230 MB/s, making it efficient for moving large files and performing backups.

## 5.4. Stable 48W Power Supply

Equipped with a 12V/4A (48W) power adapter, the enclosure provides sufficient and stable power for simultaneous reading and writing operations on multiple hard drives. This enhances the safety and extends the operational life of

the device and its installed drives.



Image: Illustrates the 12V4A power supply connected to the enclosure, emphasizing its 48W output for stable operation.

## 5.5. Broad Compatibility

The ORICO 9828U3 is compatible with common operating systems including Windows, Mac OS, and Linux. It can be used with various devices such as desktop computers, laptops, and other compatible systems.

# 完全な互換性



## 適合デバイス



ノートパソコン



デスクトップ



iPad



OTG電話



プロジェクター



NAS



モニタリング

.....

## 対応3.5 "HDD



通常ディスク



エンタープライズ  
ディスク



NASディスク



監視用ディスク



ゲーミングディスク

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Image: Displays various operating system logos (Windows, Mac OS, Linux, Android) and device types (laptops, desktops, NAS, monitoring systems) indicating broad compatibility.

## 5.6. Safety Lock Design

An independent safety lock mechanism is integrated into each drive bay to effectively prevent accidental ejection of hard drives, ensuring data security and reliability.

## 5.7. LED Light Indicators

Each drive bay is equipped with an LED indicator light, allowing you to monitor the operational status of your hard drives at a glance.



Image: Close-up of the enclosure's front, showing the LED indicator lights on each drive bay.

## 6. SPECIFICATIONS

Feature	Detail
Brand	ORICO
Model Number	9828U3
Hardware Interface	USB 3.0
Color	Space Gray
Product Dimensions (L x W x H)	23.3 x 14.3 x 9 cm
Hardware Platform	Universal
Max Memory Capacity	44 TB (2 x 22TB)
Compatible Devices	Desktop, Laptop
Hard Disk Form Factor	3.5 Inch
Number of Supported Devices	2
Data Transfer Rate	5 Gigabits per second (USB 3.0)
Exterior Material	Aluminum Alloy
Manufacturer Model Number	ORICO-9828U3-JP-GY-BP

## 7. TROUBLESHOOTING

- **HDD Not Recognized:**

- Ensure the power adapter is securely connected and the enclosure is powered on.
- Verify the USB cable is firmly connected to both the enclosure and your computer.
- Check if the HDDs are properly seated in their bays.
- For new HDDs, they may need to be initialized, partitioned, and formatted in your operating system's Disk Management (Windows) or Disk Utility (Mac OS) before they appear.
- Try connecting the enclosure to a different USB port or computer to rule out port or system issues.

- **Slow Data Transfer Speed:**

- Ensure you are connected to a USB 3.0 port on your computer. USB 2.0 ports will result in significantly slower speeds.
  - Check the condition of your USB cable; a faulty cable can affect performance.
  - The performance of mechanical HDDs can vary. Ensure your HDDs are healthy and not fragmented.
- **Enclosure Disconnects Randomly:**
    - Ensure the power supply is stable. Avoid connecting to overloaded power strips.
    - Check the USB cable for damage.
    - Disable USB selective suspend settings in your computer's power options (Windows) or energy saver settings (Mac OS) if applicable.
  - **Unusual Noises:**
    - A slight hum from the cooling fan is normal.
    - Loud clicking or grinding noises from the HDDs may indicate a drive failure. Back up your data immediately and replace the drive.

## 8. WARRANTY AND SUPPORT

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The ORICO 9828U3 HDD Enclosure comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, warranty claims, or further assistance, 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 purposes.

## 9. PRODUCT OVERVIEW VIDEO

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Watch this video for a visual overview of the ORICO 9828U3 HDD Enclosure, demonstrating its design and features.

Your browser does not support the video tag.

Video: An official product overview video from ORICO, showcasing the 9828U3 HDD enclosure and its various features and applications.