

ORICO 9858U3

ORICO 5 Bay DAS Hard Drive Enclosure User Manual

Model: 9858U3 | Brand: ORICO

1. INTRODUCTION

The ORICO 9858U3 is a high-capacity 5-bay Direct Attached Storage (DAS) enclosure designed for 3.5-inch SATA SSDs and HDDs. It offers massive storage capabilities, supporting up to 22TB per single disk for a total maximum capacity of 110TB. This enclosure provides high-speed data transfer, efficient heat dissipation, robust safety features, and broad compatibility, making it an ideal solution for large-scale data storage, backup, and management.



Figure 1.1: ORICO 5 Bay DAS Hard Drive Enclosure (Model 9858U3)

2. WHAT'S IN THE BOX

Please verify that all items listed below are included in your package:

- 1 x ORICO 5 Bay Hard Drive Enclosure
- 1 x 1M USB 3.0 Type-A Cable
- 1 x Safety Key
- 1 x User Guide

Packing List



- 1 5Big DAS
- 2 Power Cord
- 3 Data Cable
- 4 Key
- 5 User Manual

Figure 2.1: Contents of the ORICO 9858U3 Package

3. SETUP GUIDE

3.1. Hard Drive Installation

1. Ensure the enclosure is powered off and disconnected from your computer.
2. Unlock the drive bay door using the provided safety key.
3. Gently slide your 3.5-inch SATA HDD or SSD into an empty drive bay until it clicks into place. The bracket-free design allows for quick and easy installation.
4. Close and lock the drive bay door to secure the hard drive.
5. Repeat for all desired hard drives.

Safety Protection

Plug and Play, compatible with 3.5-inch hard drive



Figure 3.1: Installing a Hard Drive and Safety Lock Mechanism

3.2. Connecting to Your Computer

1. Connect one end of the provided USB 3.0 Type-A cable to the USB 3.0 port on the ORICO enclosure.
2. Connect the other end of the USB 3.0 Type-A cable to an available USB 3.0 port on your computer (Laptop or Desktop).
3. Connect the power cord to the enclosure's power input and then to a power outlet.
4. Turn on the power switch on the back of the enclosure.
5. Your computer should detect the new storage device. You may need to initialize and format the drives through your operating system's Disk Management utility for first-time use.

Built-in 150W Power Supply

Goodbye to bulky adapters, built-in power
for a sleek desktop aesthetic



Figure 3.2: Power Supply and USB Connection Points

3.3. System Compatibility

The ORICO 9858U3 enclosure is fully compatible with Windows, macOS, and Linux operating systems. It supports various devices including laptops, desktops, iPads, OTG phones, projectors, and NAS systems.

Comprehensive Compatibility



Suitable Devices



Laptop



Desktop



iPad



OTG Phone



Projector



NAS



Monitoring

.....

Compatible 3.5" Hard Drives



Regular disk.



Enterprise disk



NAS disk



Surveillance disk



Gaming disk

.....

Figure 3.3: Broad System and Device Compatibility

4. OPERATING INSTRUCTIONS

4.1. Data Transfer

The enclosure utilizes a USB 3.0 interface, compatible with SATA 6 Gbps, providing data transfer speeds up to 235MB/s (5Gbps). This allows for efficient backup and transfer of large files and videos.



Figure 4.1: High-Speed Data Transfer Capabilities

4.2. Safety and Intelligent Features

- **Safety Locking Mechanism:** Each drive bay features an independent safety locking mechanism to prevent accidental removal or loss of hard drives, ensuring data security.
- **LED Indicator Lights:** Each tray is equipped with an LED indicator light, allowing you to monitor the working status

of individual drives at any time.

- **Intelligent Sleep Mode:** The enclosure automatically enters sleep mode after 10 minutes of inactivity. This feature helps to extend the lifespan of your hard drives and conserve energy.

Your browser does not support the video tag.

Video 4.2: Overview of ORICO 98 Series Features, including cooling, drive installation, and power connection.

5. MAINTENANCE

5.1. Heat Dissipation

The ORICO 9858U3 is designed with effective heat dissipation in mind. It features an 80mm silent cooling fan and strategically placed front and rear vents. This airflow system efficiently dissipates heat, ensuring stable and efficient operation of your hard drives over extended periods.

Efficient Heat-dissipation



Figure 5.1: Internal Cooling Fan and Airflow Design

5.2. General Care

- Keep the enclosure in a clean, dust-free environment to prevent accumulation in the fan and vents.
- Ensure adequate space around the enclosure for proper airflow.
- Avoid exposing the unit to extreme temperatures or humidity.
- Do not attempt to open the enclosure or perform repairs yourself, as this may void the warranty.

6. TROUBLESHOOTING

If you encounter issues with your ORICO 9858U3 enclosure, please refer to the following common troubleshooting steps:

- **Device Not Recognized:** Ensure all cables (USB and power) are securely connected. Try connecting to a different USB port on your computer. Verify that the enclosure's power switch is in the ON position.
- **Drives Not Appearing:** For new drives, ensure they are initialized and formatted through your operating system's Disk Management (Windows) or Disk Utility (macOS). Check that drives are properly seated in their bays.
- **Slow Transfer Speeds:** Ensure you are using a USB 3.0 port on your computer. Verify that the USB cable is not damaged. Large file transfers can sometimes appear slower due to system overhead.
- **Overheating:** Ensure the enclosure's fan is operating and not obstructed. Clean any dust from the vents. Operate the enclosure in a well-ventilated area.

If problems persist, please contact ORICO customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model Number	9858U3
Brand	ORICO
Number of Bays	5
Compatible Drive Type	3.5-inch SATA HDDs/SSDs
Max Single Disk Capacity	22TB
Max Total Capacity	110TB
Interface	USB 3.0 Type B
Data Transfer Rate	Up to 5Gbps (235MB/s)
Power Supply	Built-in 150W
Cooling System	80mm Silent Cooling Fan
Material	Aluminum Alloy
Dimensions	13.3 x 12 x 8.8 inches
Item Weight	10.43 pounds

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ORICO website or contact their customer service directly. Keep your purchase receipt for warranty claims.

ORICO Official Website: www.oricotech.com

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