

ORICO 3559C3-SV

ORICO 5-Bay USB 3.1 Gen2 Type-C HDD Enclosure

MODEL: 3559C3-SV

Brand: ORICO

1. Introduction

This manual provides instructions for the ORICO 3559C3-SV 5-Bay USB 3.1 Gen2 Type-C HDD Enclosure. This device is designed to expand your storage capacity with support for up to five 2.5-inch or 3.5-inch hard disk drives (HDDs) or solid-state drives (SSDs). It features high-speed data transfer, efficient cooling, and broad operating system compatibility.

2. Package Contents

Please verify that all components are present in the package:

- ORICO 3559C3-SV 5-Bay HDD Enclosure
- USB Type-C to Type-C Data Cable
- Power Adapter
- User Manual
- Screws for HDD installation (if applicable)

3. Setup

3.1 HDD/SSD Installation

1. Gently pull out the drive trays from the enclosure.
2. Place your 2.5-inch or 3.5-inch HDD/SSD into a drive tray. Ensure the SATA connectors align correctly.
3. Secure the drive to the tray using the provided screws. While the design aims for ease of use, securing drives with screws is recommended for stability.
4. Slide the loaded drive tray back into the enclosure until it clicks into place.



Image: The ORICO 5-Bay HDD Enclosure with its drive trays extended, showing a hard drive and mounting screws. This illustrates the process of installing drives into the enclosure.

3.2 Connecting to Your Computer

1. Connect one end of the USB Type-C data cable to the Type-C port on the enclosure.
2. Connect the other end of the USB Type-C data cable to an available USB 3.1 Gen2 Type-C port on your computer. For optimal performance, use a USB 3.1 Gen2 port.
3. Connect the power adapter to the enclosure's power input and then plug it into a power outlet.

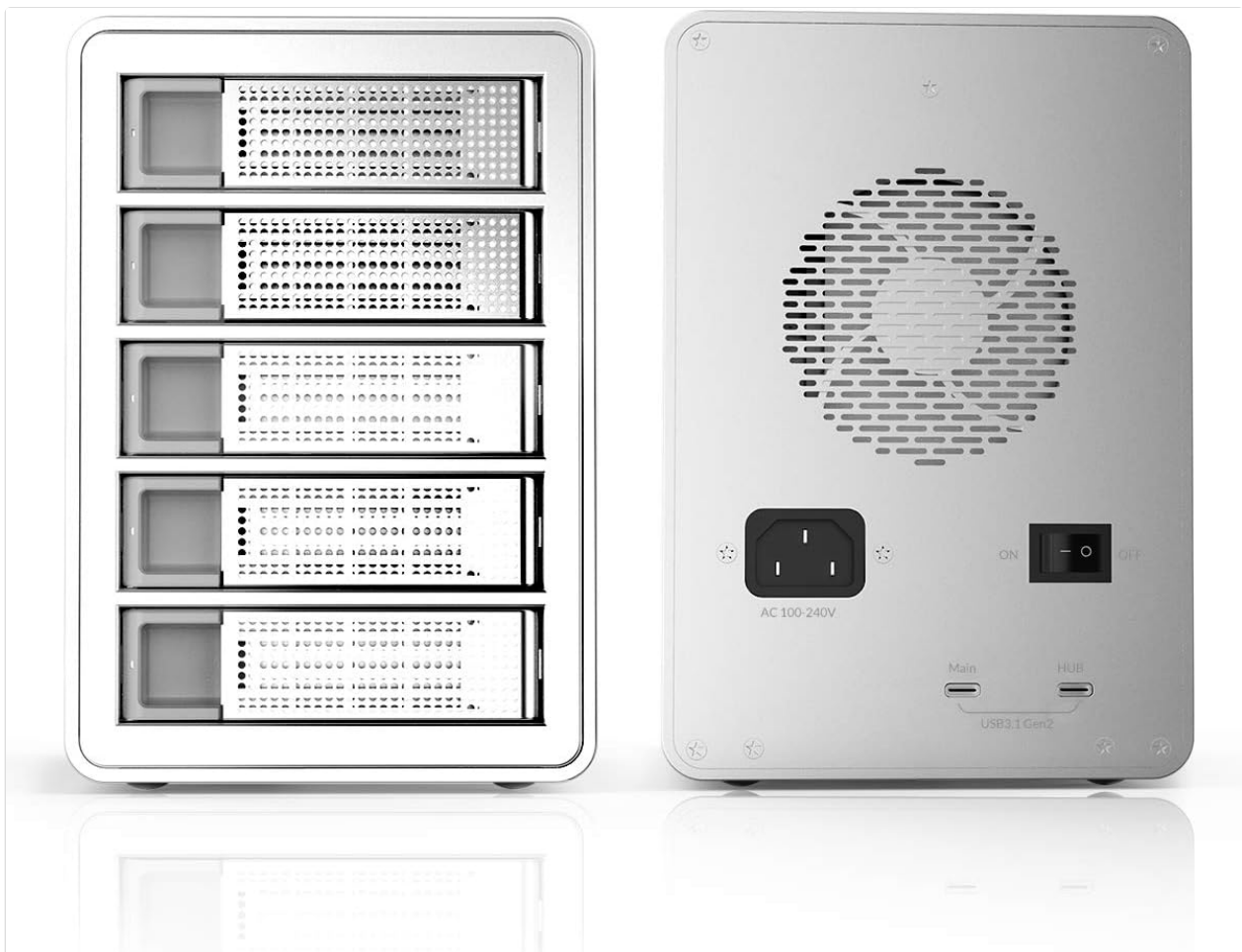


Image: A detailed view of the rear panel of the ORICO 5-Bay HDD Enclosure, highlighting the AC power input, USB 3.1 Gen2 Type-C ports (Main and Hub), and the power switch.

3.3 Powering On

Flip the power switch on the rear of the enclosure to the "ON" position. The power indicator light should illuminate, and the drives will begin to spin up.

4. Operating Instructions

4.1 Accessing Drives

Once powered on and connected, your operating system should detect the installed drives. You may need to initialize and format new drives through your operating system's disk management utility before they can be used.

4.2 High-Speed Data Transfer

The enclosure supports USB 3.1 Gen2, offering data transfer speeds up to 10Gbps. For maximum performance, ensure your computer's USB port and cable are also USB 3.1 Gen2 compatible. The device is backward compatible with USB 2.0 and USB 1.0, though speeds will be limited by the slower standard.



Image: The ORICO 5-Bay HDD Enclosure connected to a laptop, with a monitor in the background, illustrating its use for high-speed data transfer via USB 3.1 Gen2 Type-C.

4.3 Daisy Chain Functionality

This enclosure supports a daisy chain function, allowing you to connect up to three identical ORICO 3559C3-SV units. This expands your total storage capacity significantly, potentially up to 240TB (16TB x 15 drives).

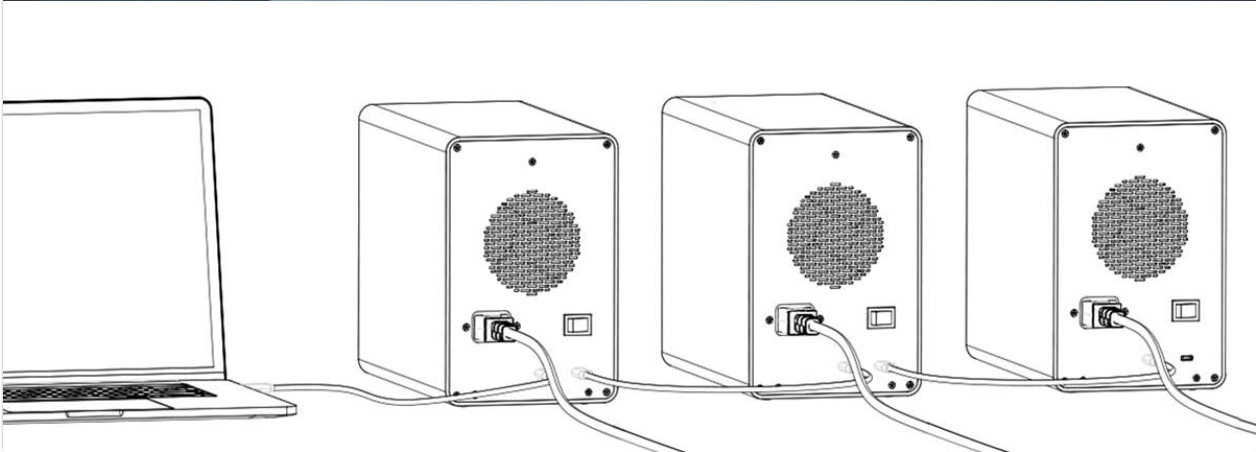


Image: A visual representation of the daisy chain function, showing multiple ORICO enclosures connected sequentially to a single computer, enabling expanded storage capacity.

4.4 Operating System Compatibility

The ORICO 3559C3-SV is compatible with Windows, Mac, and Linux operating systems, providing broad usability across different computing environments.



Image: A graphic depicting the ORICO enclosure's compatibility with various operating systems, including Windows, Mac, and Linux.

4.5 RAID Functionality (Mac OS)

For Mac OS users, RAID functionality (RAID0, RAID1, JBOD) can be configured through the operating system's software RAID features. This enclosure does not feature hardware RAID capabilities.

5. Maintenance

5.1 Cleaning

To maintain optimal performance, periodically clean the exterior of the enclosure with a soft, dry cloth. Ensure the device is powered off and disconnected from the computer and power source before cleaning. Avoid using liquid cleaners or solvents.

5.2 Cooling System

The enclosure features an aluminum body and an 80mm x 80mm cooling fan to dissipate heat effectively. Ensure the fan vents are not obstructed to maintain proper airflow and prevent overheating, which can impact drive longevity and performance.



Image: An internal view of the ORICO enclosure, highlighting the cooling fan and the airflow path designed for efficient heat dissipation.

5.3 Safe Drive Removal

Always safely eject or unmount drives from your operating system before powering off the enclosure or physically removing any drives to prevent data corruption.

6. Troubleshooting

6.1 Drives Not Recognized

- Ensure the enclosure is powered on and the USB cable is securely connected to both the enclosure and your computer.
- Verify that the drives are properly seated in their trays and secured.
- Check your computer's Disk Management (Windows) or Disk Utility (Mac) to see if the drives are detected but uninitialized or unformatted.
- Try connecting the enclosure to a different USB port or using a different USB cable.
- If only some drives are not recognized, try swapping them to different bays to isolate if the issue is with the drive or a specific bay.

6.2 Slow Transfer Speeds

- Ensure you are using a USB 3.1 Gen2 compatible port on your computer and a high-quality USB 3.1 Gen2 cable.
- Verify that your operating system and drivers are up to date.
- Performance can be affected by the speed of the installed drives themselves.

6.3 Excessive Fan Noise

- Ensure the enclosure is placed on a stable surface and that the fan vents are clear of obstructions.
- High drive activity or high ambient temperatures can cause the fan to run at higher speeds.

7. Specifications

Feature	Specification
Model	3559C3-SV
Brand	ORICO
Material	Aluminum Alloy
Color	Silver
Dimensions (L x W x H)	26.5 cm x 13.7 cm x 20.1 cm
Weight	3900 grams
Drive Bays	5
Compatible Drive Types	2.5-inch / 3.5-inch SATA HDD/SSD
Max Single Drive Capacity	16 TB
Max Total Capacity (Daisy Chain)	240 TB (with 3 units)
Interface	USB 3.1 Gen2 Type-C (10Gbps) x 2
Backward Compatibility	USB 2.0 / 1.0
Power Supply	Built-in 150W
Cooling System	80mm x 80mm Cooling Fan, Aluminum Heat Dissipation
OS Compatibility	Windows, Mac, Linux

8. Warranty and Support

ORICO provides a 12-month warranty for this product from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support or further inquiries, please refer to the official ORICO website or contact their customer service department.

