Orico 2 Bay + Offline-Klon

ORICO Dual Bay Hard Drive Docking Station User Manual

Model: 9628C3-C
Brand: Orico

1. Introduction

Thank you for choosing the ORICO Dual Bay Hard Drive Docking Station. This device is designed to provide a convenient and efficient solution for data storage, backup, and offline cloning of 2.5-inch and 3.5-inch SATA HDDs/SSDs. With USB 3.2 Gen 2 connectivity, it offers high-speed data transfer and broad compatibility across various operating systems.

Figure 1: ORICO Dual Bay Hard Drive Docking Station with included USB-C and USB-A cables.

2. Package Contents

- ORICO Dual Bay Hard Drive Docking Station (9628C3-C)
- USB 3.2 Gen 2 C-C Data Cable
- USB 3.2 Gen 2 A-C Data Cable
- 12V/3A Power Adapter
- User Manual

Figure 2: Front view of the ORICO product packaging, displaying key features and the model number 9628C3-C.

3. Product Overview

Figure 3: Detailed diagram of the ORICO docking station, highlighting key components such as LED indicators, power button, clone/PC switch, USB interface, and DC power port.

1. **Clone Indicate Light:** Indicates the progress of the offline cloning process.
2. **LED:** Power and activity indicators.
3. **Switch Board:** Internal component.
4. **ON/OFF Button:** Power switch for the docking station.
5. **CLONE/PC Switch:** Toggles between PC connection mode and offline clone mode.
6. **START Button:** Initiates the offline cloning process.

7. **USB Interface:** USB-C port for connecting to a computer.
8. **DC Power Port:** For connecting the 12V/3A power adapter.

4. Key Features

- **Dual Bay Support:** Compatible with 2.5-inch and 3.5-inch SATA I/II/III HDD/SSD drives.
- **High Capacity:** Supports up to 2 x 18TB (total 36TB) hard drives.
- **Offline Clone Function:** Allows direct disk-to-disk cloning without a computer.
- **Super Speed USB 3.2 Gen 2:** Offers data transfer rates up to 6Gbps.
- **UASP Support:** Provides up to 70% faster speed than traditional USB 3.0 when combined with a UASP-enabled host controller.
- **2-in-1 USB Cable:** Includes both USB-C to USB-C and USB-A to USB-C data cables for wide compatibility.
- **Efficient Heat Dissipation:** Constructed from aluminum alloy and plastic with a vertical design for optimal cooling.
- **Auto-Sleep Mode:** Automatically enters sleep mode after 10 minutes of inactivity to conserve power and extend drive lifespan.
- **Plug & Play:** No drivers required for most operating systems.

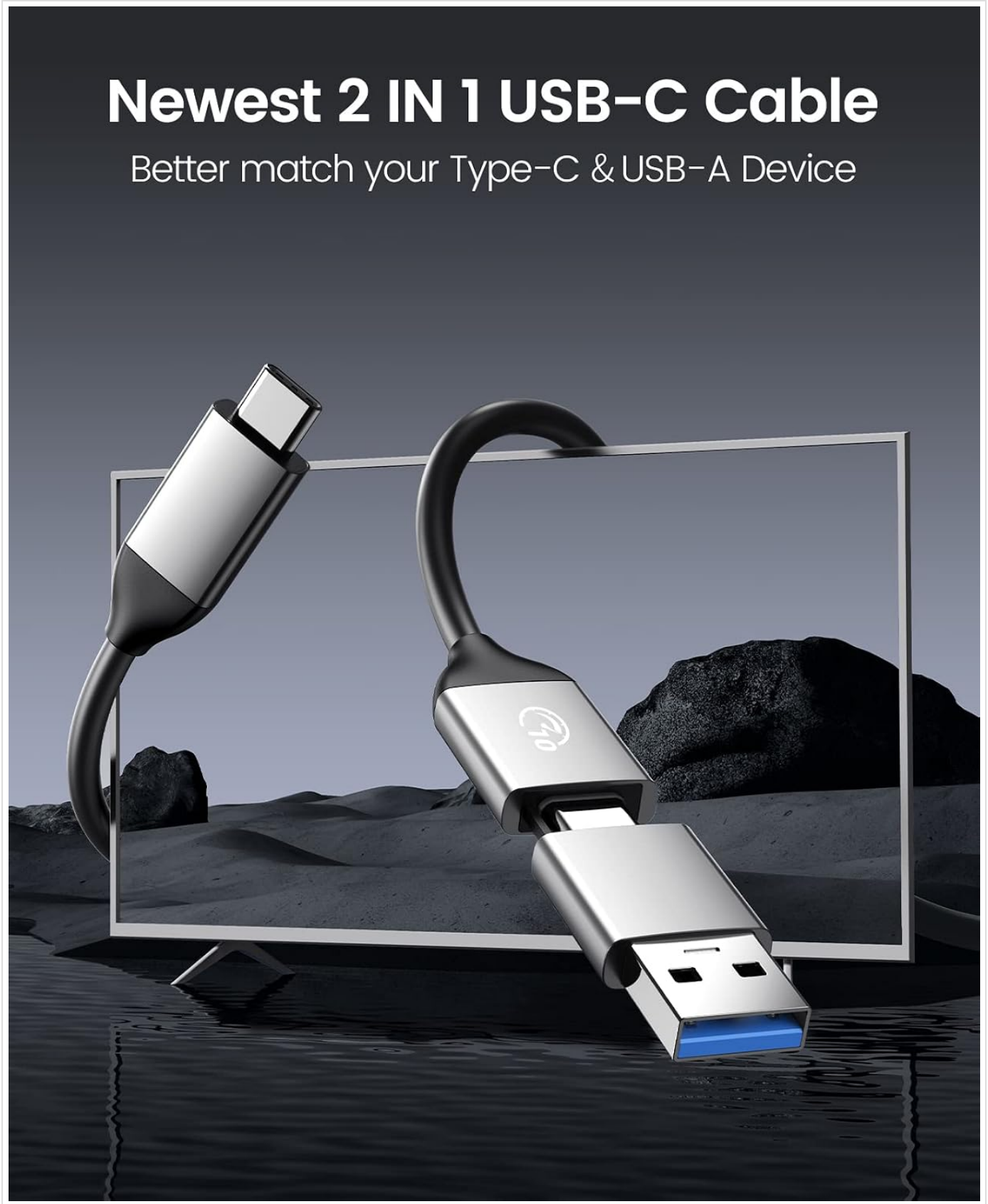

Figure 4: The versatile 2-in-1 USB-C cable, featuring both USB-C and USB-A connectors for broad device compatibility.

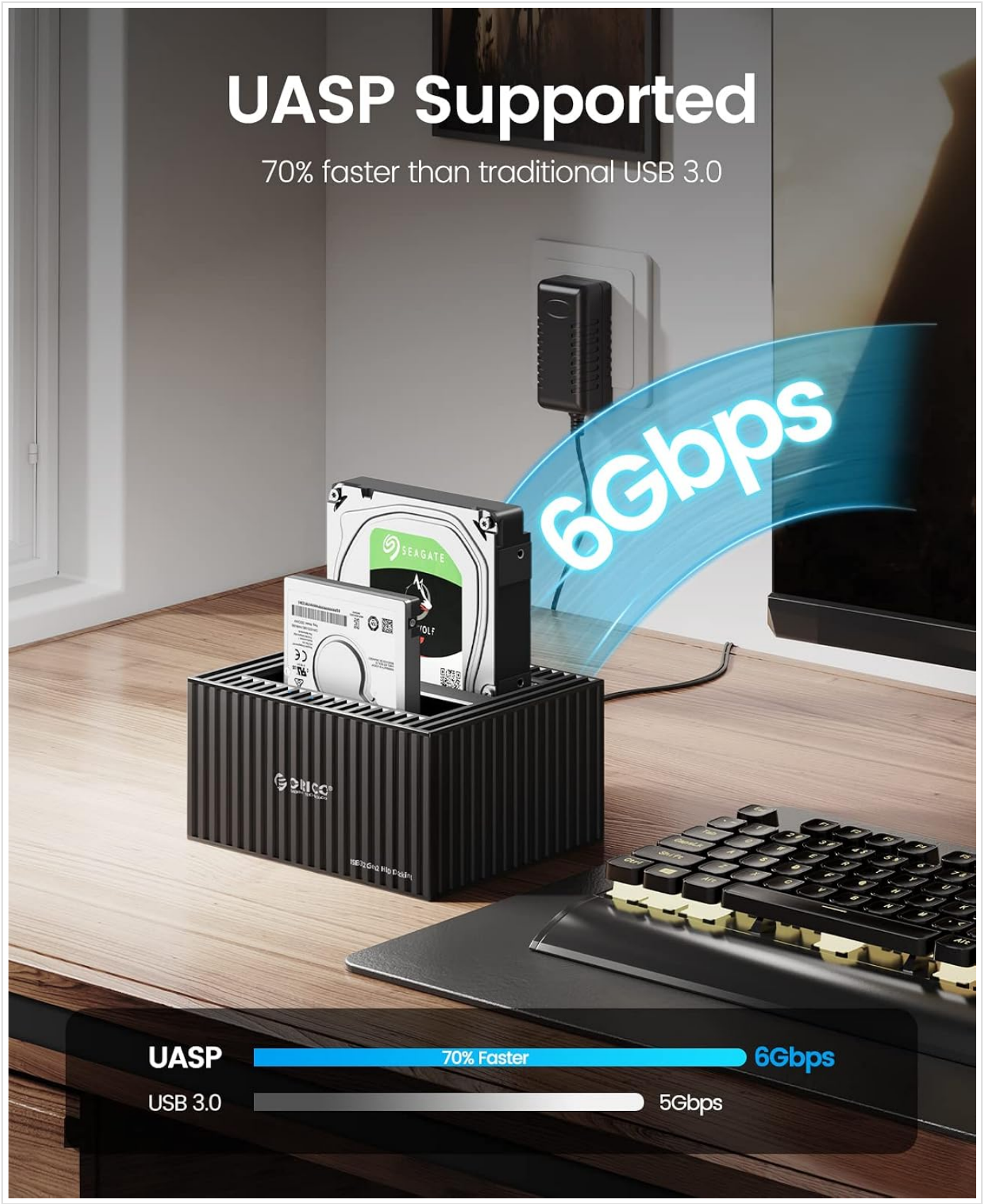

Figure 5: The docking station connected to a computer, demonstrating UASP support for faster data transfer speeds up to 6Gbps.

5. Setup Guide

5.1 Connecting Power

1. Connect the provided 12V/3A power adapter to the DC Power Port on the back of the docking station.
2. Plug the power adapter into a wall outlet.

Figure 6: The 12V 3A power adapter connected to the docking station, ensuring stable power delivery for hard drives.

5.2 Connecting to a Computer

1. Ensure the docking station is powered off (ON/OFF button in the 'OFF' position).
2. Set the CLONE/PC switch to the 'PC' position.
3. Connect one end of the USB data cable (USB-C to USB-C or USB-A to USB-C) to the USB Interface on the docking station.
4. Connect the other end of the USB data cable to an available USB port on your computer.
5. Press the ON/OFF button to power on the docking station.

5.3 Installing Drives

1. Gently insert your 2.5-inch or 3.5-inch SATA HDD/SSD into the drive bays. Ensure the drive is fully seated and the SATA connector aligns correctly.
2. For 2.5-inch drives, they will fit snugly into the smaller slot. For 3.5-inch drives, they will occupy the larger slot.

Figure 7: The docking station supporting both 2.5-inch and 3.5-inch HDDs/SSDs, with a maximum capacity of 2x18TB.

6. Operating Instructions

6.1 Data Transfer Mode (PC Mode)

When connected to a computer and the CLONE/PC switch is set to 'PC', the docking station functions as an external drive enclosure. Your operating system will detect the inserted drives, allowing you to access, transfer, and manage data as with any other external storage device.

- Ensure drives are properly inserted.
- Set the CLONE/PC switch to 'PC'.
- Connect the docking station to your computer via the USB cable.
- Power on the docking station. The drives will appear in your computer's file explorer.

6.2 Offline Clone Function

The offline clone function allows you to duplicate a source drive to a target drive without needing a computer. The target drive must be equal to or larger in capacity than the source drive.

Figure 8: Diagram illustrating the offline cloning process from Source Disk (A) to Target Disk (B), with LED indicators showing progress. For more information on Seagate drives, visit Seagate Verification.

1. Ensure the docking station is powered off and disconnected from any computer.
2. Insert the **Source Disk (A)** into the first bay (labeled 'A' or 'Source').
3. Insert the **Target Disk (B)** into the second bay (labeled 'B' or 'Target').
4. Ensure the CLONE/PC switch is set to the 'CLONE' position.
5. Power on the docking station.
6. Press and hold the 'START' button for approximately 3-5 seconds until the clone indicator lights begin to flash.

7. The cloning process will begin. The clone indicator lights (25%, 50%, 75%, 100%) will illuminate sequentially to show progress.
8. Once all indicator lights are solid, the cloning process is complete.
9. Power off the docking station before removing the drives.

Important: All data on the target disk will be overwritten during the cloning process. Back up any important data on the target disk before proceeding.

6.3 Auto-Sleep Mode

The docking station features an auto-sleep mode to save energy and prolong the lifespan of your hard drives. If there is no data activity for approximately 10 minutes, the docking station will automatically enter sleep mode. The drives will spin down, and the indicator lights may change. The device will wake up automatically upon data access.

Figure 9: An illustration showing the auto-sleep mode activating after 10 minutes of inactivity, conserving power and extending drive lifespan.

7. Compatibility

The ORICO Dual Bay Hard Drive Docking Station is widely compatible with various operating systems and devices:

- **Operating Systems:** Windows 2003 / XP / Vista / Win 7 / Win 8 / Win 10, Mac OS, Linux 9 and above.
- **Devices:** Laptop, PC, Tablets, Desktops, Routers, Projectors, PS4, PS4 Pro, Xbox 360, Xbox One.

- Backwards compatible with USB 2.0 / 1.1.

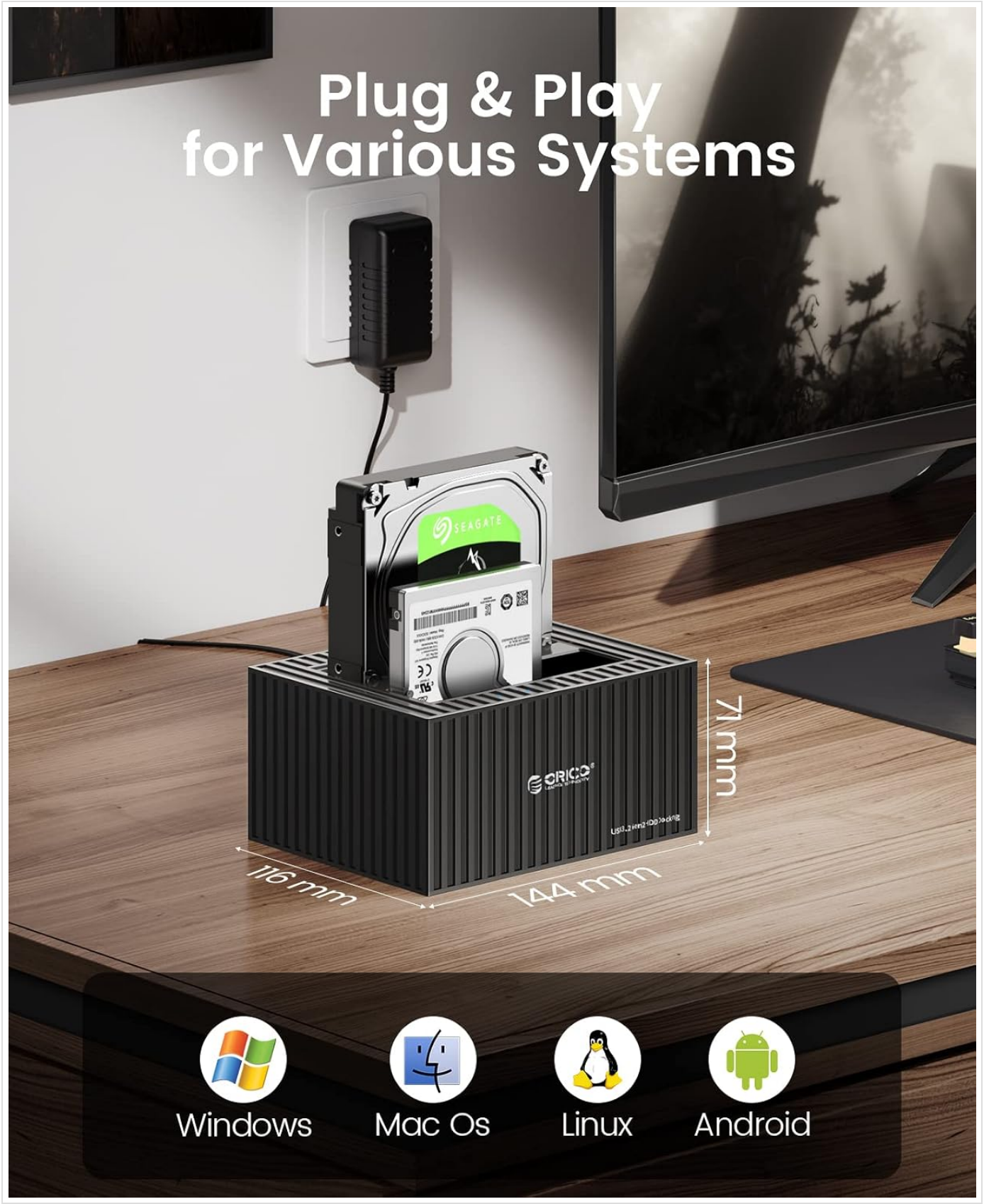

Figure 10: The docking station shown with icons representing compatibility with Windows, Mac OS, Linux, and Android operating systems.

8. Specifications

Feature	Detail

Feature	Detail
Product Model	9628C3-C
Chassis Material	ABS / Aluminum Alloy
Product Dimensions	14.4 x 11.6 x 7.1 cm
Power Supply	12V / 3A Power Adapter
Supported Disk Type	2.5" / 3.5" HDD & SSD
Max Capacity	2 x 18TB (36 TB total)
Output Port	USB Type-C
Transmission Rate	10Gbps (USB 3.2 Gen 2)
Supported System	Windows, Mac OS, Linux
Manufacturer	ORICO Technologies Co.,Ltd

Figure 11: Rear view of the ORICO product packaging, showing detailed specifications and manufacturer information.

9. Troubleshooting

- **Drives not detected:**

- Ensure the power adapter is securely connected and the docking station is powered on.
- Verify the USB cable is firmly connected to both the docking station and the computer.
- Check if the CLONE/PC switch is set to 'PC' mode when connecting to a computer.
- Ensure the hard drives are properly seated in the bays.
- Try connecting to a different USB port on your computer.
- For new drives, they may need to be initialized and formatted in Disk Management (Windows) or Disk Utility (Mac OS) before use.

- **Cloning process fails or does not start:**
  - Ensure the docking station is disconnected from the computer.
  - Verify the CLONE/PC switch is set to 'CLONE' mode.
  - Confirm the target drive's capacity is equal to or larger than the source drive's capacity.
  - Press and hold the 'START' button for the required 3-5 seconds until the lights flash.
  - Ensure both drives are healthy and properly inserted.
- **Slow transfer speeds:**
  - Ensure you are using a USB 3.0/3.2 Gen 2 port on your computer.
  - Verify your computer's USB controller supports UASP for optimal performance.
  - Check the health and speed of the hard drives themselves.

10. Maintenance and Care

- Keep the docking station in a clean, dry environment away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble the unit, as this will void the warranty.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Always power off the docking station before inserting or removing drives, especially during cloning operations.

11. Warranty and Support

ORICO products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official ORICO website for detailed warranty terms and conditions.
For technical support or customer service, please contact ORICO directly through their official channels. You can find more information and contact details on their website: www.orico.cc.

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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.

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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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