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 - > ORICO Hard Drive Docking Station DD28C3 User Manual

ORICO DD28C3

ORICO Hard Drive Docking Station User Manual

Model: DD28C3
Brand: ORICO

1. PRODUCT OVERVIEW

The ORICO Dual Bay Hard Drive Docking Station (Model DD28C3) provides a convenient and efficient solution for accessing and managing 2.5-inch and 3.5-inch SATA HDDs and SSDs. Designed for tool-free installation, it supports up to 40TB total capacity (20TB per bay) and offers high-speed data transfer via USB 3.2 Gen 1 (5Gbps) with UASP support. Its robust design includes multiple safety protections and an auto-sleep mode for energy efficiency.



Figure 1.1: ORICO Dual Bay Hard Drive Docking Station (DD28C3) with accessories.

2. PACKAGE CONTENTS

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

- 1 x ORICO SATA to Type-C Dual Bay Hard Drive Enclosure
- 1 x 1m 2-In-1 Type-C to USB-A Data Cable
- 1 x 12V/3A Power Adapter
- 1 x User Manual

Packing List

- ① Hard Drive Docking Station ② User Manual
- ③ Box ④ 12V Power Adapter ⑤ Type C-to-C/A Data Cable



Figure 2.1: Included items in the ORICO DD28C3 package.

3. KEY FEATURES

3.1. High Capacity Support

Supports a single drive capacity of up to 20TB for 3.5-inch hard drives and 8TB for 2.5-inch hard drives, allowing for a total capacity of up to 40TB across both bays.

40TB Large Capacity

Support 2.5"/3.5" HDD/SSD hard drive



Figure 3.1: 40TB Large Capacity Support.

3.2. Super-Speed Data Transfer

Equipped with USB 3.2 Gen 1 (USB 3.0) interface, providing data transfer speeds of up to 5Gbps. The UASP (USB Attached SCSI Protocol) transmission protocol enhances read and write speeds, especially for SSDs.

Transfer 1GB Files in Seconds

Speed Reference

Test Platform: ORICO-H110 480GB SSD Hard Drive



Figure 3.2: High-Speed Data Transfer via USB-C.

3.3. Wide Compatibility

Compatible with Windows, Mac, Linux, and Android operating systems. Supports all standard 2.5-inch and 3.5-inch SATA HDD/SSD hard drives. Can be connected to PCs, laptops, Xbox series, PS3/4/5, Smart TVs, Smart routers, and smartphones (OTG-Function needed).

Universal Compatibility



Figure 3.3: Universal Device and OS Compatibility.

3.4. Safety and Stability

Features a high-performance master control chip with multiple protection mechanisms including over-current, short-circuit, over-heat, over-voltage, and leakage protection to safeguard your data and devices.

Safe and Stable



Overcurrent
Protection



Short Circuit
Protection



Overheat
Protection



Static
Protection



Leakage
Protection

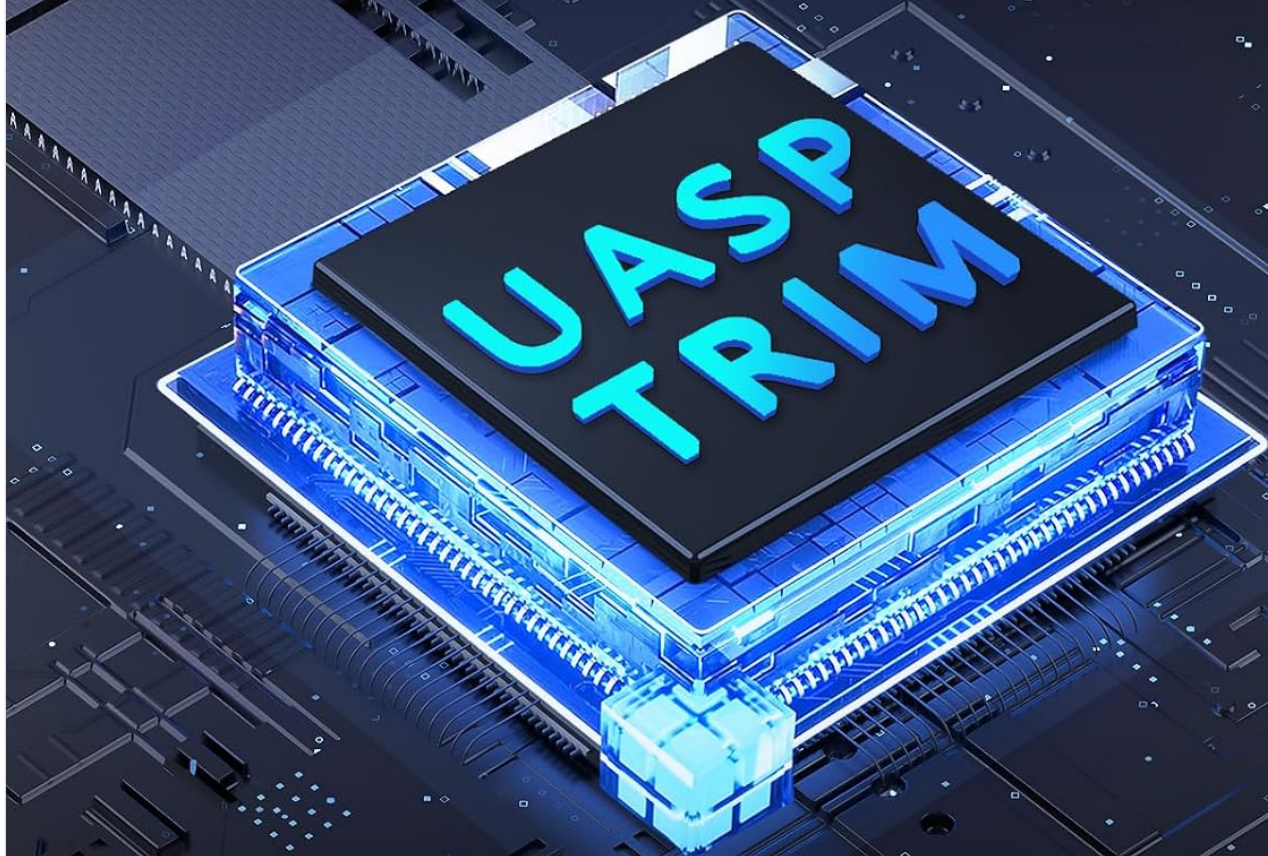


Figure 3.4: Built-in Safety Protections.

3.5. User-Friendly Design

Includes a dust shield to protect the SATA interface, four rubber pads for reduced friction and vibration, and an activity LED indicator for monitoring hard drive status. The 10-minute auto-sleep mode conserves energy when the device is idle.



Figure 3.5: Power Adapter and Dust-Proof Design.

Introduction of LED Lights



Blue Light ON:

When the power is on.



Blue Light ON:

Connect the data cable to the computer for reading.



Blue/Red Light Flash:

Data read and write.

Switch Board

LED

LED

USB Interface

ON/OFF
Button

Power Interface

Figure 3.6: LED Indicator Introduction.

4. SETUP GUIDE

1. 4.1. Insert Hard Drives

Ensure the docking station is powered off. Gently insert your 2.5-inch or 3.5-inch SATA HDD/SSD into the appropriate bay(s) until it is firmly seated. The tool-free design allows for easy insertion and removal.

2. **4.2. Connect Power Adapter**

Connect the provided 12V/3A power adapter to the DC IN port on the back of the docking station, then plug the adapter into a power outlet.

3. **4.3. Connect to Computer**

Use the included 2-in-1 USB-C to USB-A/C data cable to connect the docking station's USB port to an available USB port on your computer (PC, laptop, etc.).

4. **4.4. Power On**

Press the ON/OFF button on the docking station to power it on. The blue LED indicator will illuminate, indicating the device is powered on and ready for use. Your operating system should automatically detect the connected hard drives.

5. OPERATING INSTRUCTIONS

5.1. Accessing Drives

Once connected and powered on, the inserted hard drives will appear as removable storage devices in your computer's file explorer (Windows) or Finder (macOS). You can then drag and drop files, copy, paste, or perform any other file management operations.

5.2. LED Indicators

Refer to Figure 3.6 for a detailed explanation of the LED indicators:

- **Blue Light ON:** Indicates the docking station is powered on.
- **Blue Light ON (per bay):** Indicates the data cable is connected and the bay is ready for reading.
- **Blue/Red Light Flash:** Indicates data is being read from or written to the hard drive.

5.3. Auto Sleep Mode

The docking station will automatically enter sleep mode after 10 minutes of inactivity (no data transfer). This feature helps conserve energy and prolong the lifespan of your hard drives. The device will wake up automatically upon data access.

5.4. Safely Remove Hardware

Before disconnecting the docking station or removing hard drives, always safely eject the drives from your operating system to prevent data corruption. For Windows, use the "Safely Remove Hardware and Eject Media" icon in the taskbar. For macOS, drag the drive icon to the Trash or use the Eject option.

6. MAINTENANCE

- Keep the docking station clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Ensure the dust shield is properly in place to prevent dust accumulation in the SATA interfaces.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not block the ventilation holes on the device to ensure proper heat dissipation.

7. TROUBLESHOOTING

7.1. Drive Not Recognized

- Ensure the hard drive is properly seated in the bay.
- Verify the power adapter is securely connected and the docking station is powered on (blue LED).

- Check the USB data cable connection to both the docking station and the computer. Try 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 (macOS) before they appear in File Explorer/Finder.
- Try restarting your computer.

7.2. Slow Transfer Speeds

- Ensure you are connected to a USB 3.0 (or higher) port on your computer. USB 2.0 ports will result in significantly slower speeds.
- Verify that UASP is enabled by your operating system (usually automatic with compatible hardware).
- The actual transfer speed depends on the speed of your hard drive/SSD. Older HDDs will naturally be slower than SSDs.
- Avoid transferring many small files simultaneously, as this can reduce overall transfer speed.

7.3. Docking Station Not Powering On

- Ensure the power adapter is correctly plugged into a working power outlet and the docking station.
- Press the ON/OFF button firmly.
- Try a different power outlet.

8. SPECIFICATIONS

Feature	Specification
Model	DD28C3 (2 Bay)
Brand	ORICO
Material	Plastic
Supported Drive Types	2.5" & 3.5" SATA HDD/SSD
Max Single Drive Capacity	20TB (3.5"), 8TB (2.5")
Total Max Capacity	40TB
Hardware Interface	USB 3.2 Gen 1 (USB 3.0)
Data Transfer Rate	Up to 5Gbps
Power Supply	12V/3A Power Adapter
Auto Sleep Mode	10 minutes of inactivity
Compatible OS	Windows, macOS, Linux, Android
Product Dimensions	6.38 x 4.65 x 2.83 inches
Item Weight	1.21 pounds (0.55 kg)

9. WARRANTY AND SUPPORT

ORICO provides a standard warranty for this product. For detailed warranty terms and conditions, please refer to the warranty card included in your package or visit the official ORICO website.

Should you encounter any issues or have questions regarding the ORICO Hard Drive Docking Station, please do not hesitate to

contact the ORICO Amazon team or ORICO customer support. Our dedicated support team is ready to assist you.
Contact Information:

- **Online Support:** Visit the official ORICO website for FAQs, drivers, and support resources.
- **Email Support:** Refer to your user manual or product packaging for specific email addresses.

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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.

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