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› ORICO 2.5 inch USB C Hard Drive Enclosure User Manual

Orico 25PW1-C3-BK

ORICO 2.5 inch USB C Hard Drive Enclosure User Manual

Model: 25PW1-C3-BK

PRODUCT OVERVIEW

The ORICO 2.5 inch USB C Hard Drive Enclosure (Model 25PW1-C3-BK) is designed to easily connect 2.5-inch SATA I/II/III SSDs and HDDs (7mm-9.5mm thickness) to various devices such as PCs, laptops, TVs, routers, PS4, or Xbox. This tool-free enclosure provides a convenient solution for data backup, storage expansion, or recovering files from old drives.

It features a USB 3.1 Type-C interface, supporting up to 5Gbps transmission speed and UASP accelerated protocol for faster data transfer. The enclosure is made of high-quality ABS material, ensuring it is lightweight and portable. It supports capacities up to 6TB and includes features like Plug & Play, Hot-Swap, a blue LED indicator, and 10-minute auto-sleep functionality.



Figure 1: The ORICO 2.5 inch USB C Hard Drive Enclosure (Model 25PW1-C3-BK) shown with its included USB-C to USB-A data cable. The enclosure features a ribbed design on its top surface.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- 1 x ORICO 2.5 inch Hard Drive Enclosure (Model 25PW1-C3-BK)
- 1 x 0.45m USB-C to USB-A Data Cable
- 1 x Shockproof Sponge Pad
- 1 x Operating Instruction Manual (this document)

Easy to Use



Our Drive Enclosure



01

Press gently, push forward



02

Put your hard drive in



03

Close the top cover



Other Drive Enclosure



The tedious process
of installing screws

Figure 2: Illustrated packing list showing the hard drive enclosure, box, USB 3.0 cable, and user manual.

SETUP AND INSTALLATION

The ORICO 2.5 inch Hard Drive Enclosure features a tool-free design for easy installation of your 2.5-inch SATA HDD or SSD.

1. **Open the Enclosure:** Gently press and slide the top cover of the enclosure forward to open it.
2. **Insert the Drive:** Carefully align your 2.5-inch SATA I/II/III HDD or SSD (7mm-9.5mm thickness) with the SATA connector inside the enclosure and firmly insert it. Ensure the drive is seated correctly.

3. **Close the Enclosure:** Slide the top cover back until it clicks into place, securing the drive inside.
4. **Connect to Device:** Use the provided USB-C to USB-A data cable to connect the enclosure to a compatible USB port on your computer, laptop, or other device.

No drivers are required for operation. The device supports Plug & Play and Hot-Swap functionality.

Universal Compatibility



Devices



Laptop



TV



Xbox One



Router



Operating Systems



Windows



Mac OS



Linux



Figure 3: Visual guide for tool-free installation: 1. Press gently, push forward to open. 2. Put your hard drive in. 3. Close the top cover.

OPERATING INSTRUCTIONS

Connecting and Using

Once connected, the blue LED indicator on the enclosure will illuminate, signifying power and activity. Your operating system should automatically detect the new storage device. If it's a new drive, you may need to initialize and format it through your operating system's disk management utility before use. The enclosure supports UASP (USB Attached SCSI Protocol) and TRIM, which enhance data transfer speeds and optimize SSD performance when connected to a compatible host system.



Transfer **1G** Files in **2** Seconds


S.M.A.R.T


TRIM


UASP


Tool-Free


Faster Than USB 2.0


USB 3.0 6Gbps
USB 2.0 480Mbps

Figure 4: The ORICO enclosure connected to a laptop, illustrating its 5Gbps data transfer capability. The image highlights fast file transfer speeds.

Auto-Sleep Function

The enclosure features an intelligent 10-minute auto-sleep function. If the drive is inactive for 10 minutes, it will

automatically enter sleep mode to conserve power and extend the lifespan of the HDD/SSD. The drive will wake up automatically upon data access.

COMPATIBILITY

The ORICO 2.5 inch Hard Drive Enclosure offers broad compatibility with various devices and operating systems:

Supported Devices:

- Personal Computers (PC)
- Laptops
- Televisions (TV)
- Routers
- Gaming Consoles (e.g., PS4, Xbox)

Supported Operating Systems:

- Windows (2000, 98, XP, Vista, 7, 8, 10, and above)
- Linux
- Mac OS (9.1, 10.8.4, and above)

6TB Large Capacity

Support 2.5" 7mm/9.5mm SATA SSD/HDD Hard Drive



Figure 5: The enclosure is compatible with laptops, TVs, Xbox One, and routers, and supports Windows, Mac OS, and Linux operating systems.

MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your ORICO Hard Drive Enclosure, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid using liquid cleaners or abrasive materials.

- **Storage:** Store the enclosure in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Handling:** Handle the enclosure with care to prevent drops or impacts, which could damage the internal drive or the enclosure itself.
- **Disconnection:** Always safely eject the drive from your operating system before physically disconnecting the enclosure to prevent data corruption.

TROUBLESHOOTING

If you encounter issues with your ORICO Hard Drive Enclosure, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Drive not detected by computer.	Loose connection, uninitialized/unformatted drive, incompatible drive, faulty cable/port.	◦ Ensure the drive is securely seated inside the enclosure. ◦ Try a different USB port on your computer. ◦ Test with a different USB cable. ◦ Check Disk Management (Windows) or Disk Utility (Mac) to see if the drive is detected but needs initialization/formatting. ◦ Verify the drive is a 2.5-inch SATA HDD/SSD (7mm-9.5mm thickness).
Slow data transfer speeds.	USB 2.0 port, UASP not enabled, drive performance limitations.	◦ Connect the enclosure to a USB 3.0 (or higher) port on your computer. ◦ Ensure your operating system and USB host controller support UASP. ◦ The actual speed depends on the performance of your HDD/SSD.
Blue LED indicator not lighting up.	No power, faulty cable/port.	◦ Ensure the USB cable is securely connected to both the enclosure and the computer. ◦ Try a different USB port. ◦ Test with a different USB cable.

SPECIFICATIONS

Feature	Detail
Product Model	25PW1-C3-BK
Product Material	Acrylonitrile Butadiene Styrene (ABS)
Product Color	Black
Product Dimensions	130 x 80 x 14.5 mm (5.12 x 3.15 x 0.57 inches)

Feature	Detail
Input/Output Interface	SATA 3.0 / USB-C to USB-A
Transmission Rate	5Gbps (USB 3.1 Gen 1)
Data Cable Length	0.45m (17.8 inches) USB-C to USB-A
Support Capacity	Up to 6TB
Applicable HDD/SSD	SATA I/II/III 2.5 inch Hard disks or Solid State Drives (7mm-9.5mm thickness, not for 12mm)
Installation Method	Tool-free, slide cover disassembly
Features	Plug & Play, Hot-Swap, Blue LED Indicator, 10min Auto-sleep, UASP, TRIM
Supported Systems	Windows 2000/98/XP/Vista/7/8/10+, Linux, Mac OS 9.1/10.8.4+

Safe and Stable



Overcurrent
Protection



Short Circuit
Protection



Overheat
Protection



Static
Protection



Leakage
Protection

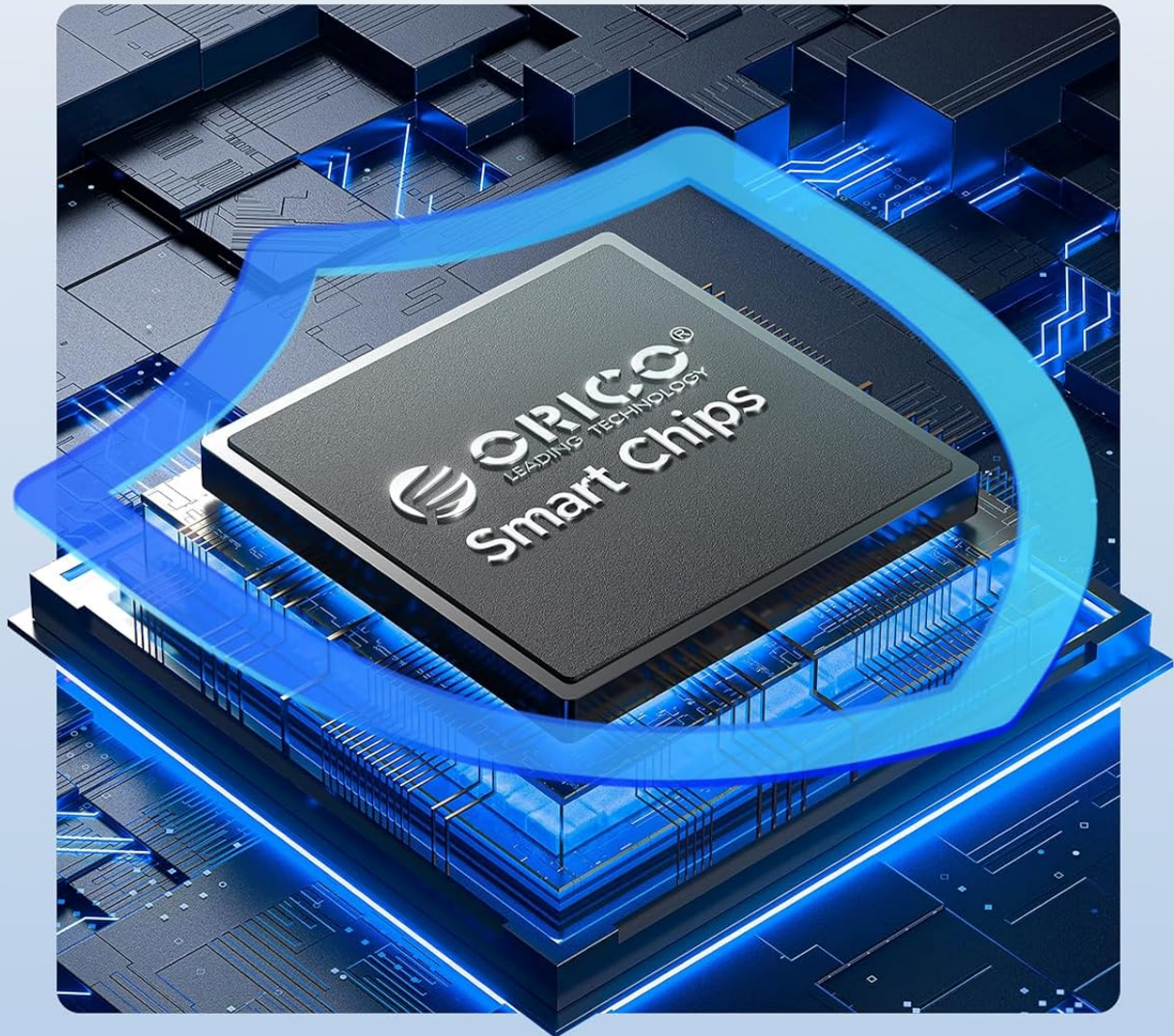


Figure 6: The ORICO enclosure's smart chip provides multiple protections including overcurrent, short circuit, overheat, static, and leakage protection, ensuring safe and stable operation.

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, product inquiries, or warranty claims, please contact ORICO customer service through their official channels. You can find more information and contact details on the official ORICO website: www.orico.cc



1 M.+
Users Worldwide



600+
Patent Certificates



140+
Countries Marketed



300+
Media Collaborations

Figure 7: ORICO is a global brand in data storage solutions, committed to providing reliable products and support.