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ORICO MTQ

ORICO 1TB MTQ Portable SSD User Manual

Model: MTQ Series | Brand: ORICO

INTRODUCTION

The ORICO 1TB MTQ Portable SSD is a high-performance external solid-state drive designed for fast and reliable data storage. Featuring USB-C connectivity and supporting up to 40Gbps transfer speeds, it is ideal for users requiring rapid data access and transfer across various devices.

Key features include:

- IML high-end technology for scratch resistance, strong corrosion resistance, and long service life.
- Colorful plastic shell with a zinc alloy middle frame for durability, shock resistance, and anti-drop protection.
- 40Gbps master control scheme and USB-C output interface, supporting Plug and Play with UASP acceleration protocol.
- High-speed NAND FLASH particles, offering a maximum reading speed of 3150MB/S (requires 40Gbps host interface).
- Wide compatibility with PCs, notebooks, smartphones, game consoles, routers, and operating systems like Windows, Mac OS, Linux, Android, and iPad.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x ORICO MTQ Portable SSD (1TB)
- 1 x USB C to USB A and USB C data cable (0.3 meters)
- 1 x User Manual

SETUP

Connecting your ORICO MTQ Portable SSD is a straightforward process. The device supports Plug and Play functionality, allowing for immediate use with compatible systems.

Connecting to Your Device

1. Locate the included 2-in-1 USB-C data cable. This cable features a USB-C connector on one end and a convertible USB-A/USB-C connector on the other.
2. Connect the USB-C end of the cable to the USB-C port on your ORICO MTQ Portable SSD.
3. Connect the other end of the cable to an available USB-A or USB-C port on your computer, laptop, smartphone, or other compatible device.



The ORICO MTQ Portable SSD connected to a laptop via its USB-C port, highlighting its plug-and-play design.



**2-in-1
USB C&A Cable**

Simple Connection

Type-C



Type-C USB-A



The versatile 2-in-1 USB-C to USB-A/USB-C data cable, ensuring compatibility with various host devices.

The device will be automatically recognized by most operating systems. For optimal performance, especially on Windows, you may need to enable write caching (see Troubleshooting section).

Video: ORICO MTQ Portable External SSD Overview

Your browser does not support the video tag.

This video provides a brief overview of the ORICO MTQ Portable External SSD, showcasing its design and basic functionality.

OPERATING THE SSD

Once connected, the ORICO MTQ Portable SSD functions like any other external storage device. You can drag and drop files, copy, paste, and manage data as needed.

Data Transfer and Speed

The SSD is designed for ultra-fast data transfer. To achieve the maximum advertised speeds of up to 3150MB/s, ensure your host device has a 40Gbps USB-C or Thunderbolt port.

Ultra-Fast Speed

Read speed:
3126.89 MB/s

Write speed:
2832.55 MB/s

CrystalDiskMark 7.0.0 x64 [ADMIN]
G: 78% (1485/1908GiB) MB/s

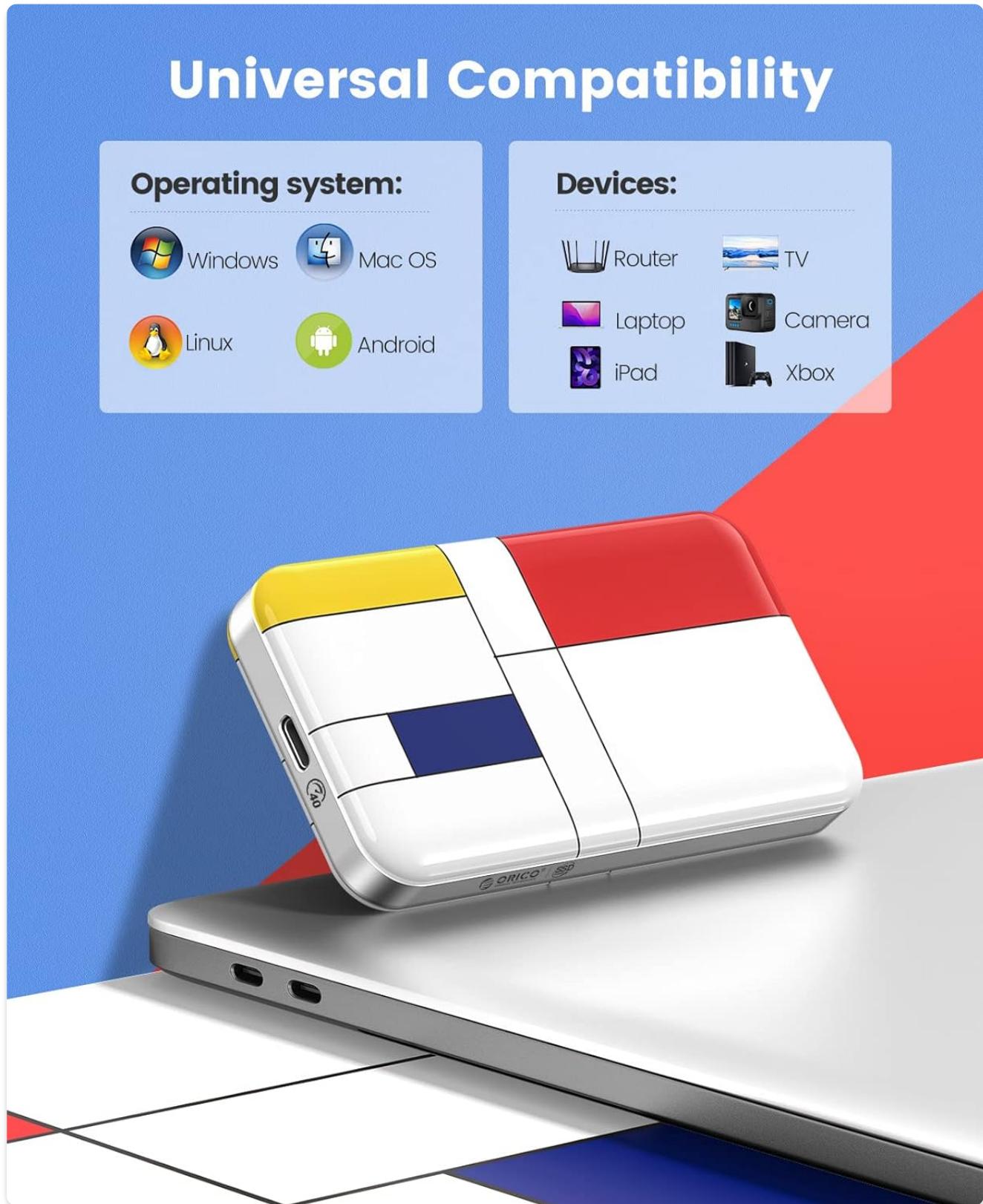
	Read [MB/s]	Write [MB/s]
All	3126.89	2832.55
SEQ1M Q8T1	2007.33	2166.78
SEQ1M Q1T1	1067.16	875.03
RND4K Q32T16	518.48	429.14
RND4K Q32T1		

*Speed may vary depending on testing devices.

Demonstration of the ultra-fast read and write speeds achievable with the ORICO MTQ Portable SSD.

Universal Compatibility

The ORICO MTQ Portable SSD offers broad compatibility with various operating systems and devices, making it a versatile storage solution.



Universal Compatibility

Operating system:

- Windows
- Mac OS
- Linux
- Android

Devices:

- Router
- TV
- Laptop
- Camera
- iPad
- Xbox

The ORICO MTQ Portable SSD is compatible with a wide range of operating systems and devices.

Usage Scenarios

The compact and durable design, combined with high-speed performance, makes the ORICO MTQ Portable SSD suitable for various applications:

- **Study:** Store large documents, presentations, and research files.
- **Photography:** Quickly transfer and backup high-resolution photos and videos from cameras.
- **Office:** Carry essential work files, project data, and software installations.

Artistic Color Matching

Add fun to you for work



Study



Photography



Office



The ORICO MTQ Portable SSD is versatile for study, photography, and office use.

MAINTENANCE

To ensure the longevity and optimal performance of your ORICO MTQ Portable SSD, follow these maintenance

guidelines:

- **Safe Removal:** Always safely eject the SSD from your operating system before physically disconnecting it to prevent data corruption.
- **Physical Care:** Avoid dropping the device or exposing it to extreme temperatures, moisture, or strong magnetic fields. While durable, excessive force can cause damage.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the SSD. Do not use liquid cleaners or solvents.
- **Firmware Updates:** Periodically check the official ORICO website for any available firmware updates for your SSD model. Updates can improve performance and stability.

TROUBLESHOOTING

If you encounter issues with your ORICO MTQ Portable SSD, consider the following troubleshooting steps:

Device Not Recognized

- **Check Cable Connection:** Ensure the USB cable is securely connected to both the SSD and your host device. Try a different USB port or cable if available.
- **Try Different Device:** Test the SSD on another computer or compatible device to determine if the issue is with the SSD or the original host device.
- **Check Disk Management (Windows):** In Windows, open Disk Management (right-click Start button > Disk Management). Check if the SSD appears there. It might need to be initialized or formatted.
- **Check System Information (Mac):** On Mac, go to Apple menu > About This Mac > System Report > USB. Check if the SSD is listed.

Slow Transfer Speeds

- **Verify Port Speed:** Ensure your host device's USB-C port supports 40Gbps (USB4 or Thunderbolt 3/4). Connecting to a slower USB port will result in reduced speeds.
- **Enable Write Caching (Windows):** For optimal write performance on Windows, you may need to enable write caching. Go to Device Manager > Disk drives > Right-click your ORICO SSD > Properties > Policies tab > Select 'Better performance' and 'Enable write caching on the device'. Note: Always safely eject the drive after enabling this feature to prevent data loss.
- **Power Connection (Mac):** On Mac, ensure your Mac is plugged into power. Some Mac models may reduce port performance when running on battery.

SPECIFICATIONS

Feature	Detail
Brand	ORICO
Model Number	e17dd970-40ba-4a5c-bd8e-c816bf4fd191 (MTQ Series)
Digital Storage Capacity	1000 GB (1TB)

Feature	Detail
Hard Drive Interface	USB 1.1 (Note: This refers to the internal interface, actual external connectivity is USB-C 40Gbps)
Connectivity Technology	USB-C (40Gbps)
Max Read Speed	Up to 3150MB/s (requires 40Gbps host interface)
Special Feature	Portable
Item Weight	9.9 ounces
Product Dimensions	8.27 x 4.33 x 1.42 inches
Color	Black (with artistic color matching design)
Manufacturer	SHENZHEN ORICO TECHNOLOGIES CO.,LTD

WARRANTY

The ORICO MTQ Portable SSD comes with a **3-year limited warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official ORICO website or contact customer support.

SUPPORT

For further assistance, technical support, or to provide feedback, please visit the official ORICO website or contact their customer service department. You can often find FAQs, driver downloads, and additional resources online.

Official ORICO Store: [Visit the ORICO Store on Amazon](#)