

## ORICO CDH-15P



# ORICO USB-C Triple Monitor Docking Station

MODEL: CDH-15P USER MANUAL

## 1. Introduction

This manual provides detailed instructions for the ORICO USB-C Triple Monitor Docking Station, Model CDH-15P. This versatile 15-in-1 docking station is designed to expand the connectivity of your laptop, supporting triple monitor setups and a wide range of peripherals through a single USB-C connection. It is compatible with MacBook Pro (M1/M2), Windows, and ChromeOS devices.

### Key Features:

- **Triple 4K Monitor Display:** Supports up to three external displays via 2 HDMI ports and 1 DisplayPort, with resolutions up to 4K@60Hz.
- **15-in-1 Connectivity:** Includes 6 USB-A ports, 1 USB-C port, 2 HDMI ports, 1 DisplayPort, 1 Gigabit Ethernet port, SD/TF card slots, 100W Power Delivery (PD) interface, and a 3.5mm audio port.
- **100W Power Delivery:** Provides up to 100W of power to charge your laptop while connected (power adapter not included).
- **High-Speed Data Transfer:** Features 3 USB 3.0 ports (up to 5Gbps) and 4 USB 2.0 ports (up to 480Mbps).
- **Gigabit Ethernet:** Offers stable and fast wired network connectivity up to 1000Mbps.
- **Universal Compatibility:** Works with MacBook Pro 2020/2019/2018/2017, MacBook 2018/2017/2016/2015, iPad Pro 2020/2018, Pixelbook, and various Windows laptops and tablets.



Image 1.1: Front and rear view of the ORICO USB-C Triple Monitor Docking Station, showcasing its compact design and various ports.

## 2. Setup Guide

Follow these steps to set up your ORICO USB-C Triple Monitor Docking Station.

### 2.1 Package Contents

Before proceeding, ensure all items are present:

- ORICO USB-C Triple Monitor Docking Station
- USB-C to USB-C Cable
- User Manual



Image 2.1: The ORICO docking station, its USB-C cable, and packaging.

## 2.2 Connecting the Docking Station

1. Connect an external power adapter (not included) to the **PD IN (100W)** port on the docking station. This is essential for charging your laptop and ensuring stable operation of all connected devices.
2. Connect the provided USB-C to USB-C cable from the **PC IN** port on the docking station to your laptop's USB-C port.
3. Connect your monitors to the **DP/4K**, **HDMI 1 4K**, and **HDMI 2 4K** ports as required.
4. Connect any USB peripherals (keyboard, mouse, external drives) to the available USB-A or USB-C ports.
5. For wired internet, connect an Ethernet cable to the **LAN** port.
6. Insert SD or TF cards into the respective slots if needed.
7. Connect headphones or speakers to the **Audio In & Out** 3.5mm port.

# Multi-Screen Expansion

 4K@60Hz



\*HDMI 1 and DP cannot be used at the same time

Image 2.2: Detailed diagram illustrating all 15 ports on the ORICO docking station and their labels.

## 2.3 Driver Installation (for macOS)

For macOS users, especially those with M1/M2 chips, DisplayLink drivers are required for multi-monitor functionality. Windows users typically do not require additional driver installation.

1. Access the DisplayLink website: [www.displaylink.com](http://www.displaylink.com)
2. Navigate to the 'Downloads' section.
3. Select 'macOS' as your operating system.

4. Download the latest DisplayLink Manager software.
5. Follow the on-screen instructions to install the software. You may need to grant screen recording permissions in your macOS Security & Privacy settings.



Image 2.3: Visual guide for installing DisplayLink drivers on Apple M1 systems.

## 3. Operating Instructions

### 3.1 Multi-Monitor Display

The docking station supports various display configurations for up to three external monitors. Ensure your monitors and cables support 4K resolution for optimal performance.

- **Mirror Mode:** Duplicates your laptop's display across all connected monitors.
- **Extended Mode:** Extends your desktop across multiple monitors, allowing for increased workspace. Windows OS supports Multi-Stream Transport (MST) for extended mode across multiple displays.

**Important Note:** The DisplayPort (DP) and HDMI 1 port cannot be used simultaneously for video output. Please choose one or the other for your primary display setup if using multiple monitors.

# Widely compatible

\*Compatible with Apple M1

## Notebook:

**Apple:** MacBook Pro (2021, 2020, 2019, 2018, 2017, 2016, iMac, Air)

**Huawei:** MateBook X Pro 2020, MateBook 13/14/D15

**Lenovo:** Yoga 14s, ThinkPad X1 Series

**HP:** EliteBook Folio G1

## Tablet PC:

**iPad:** iPad Air, iPad Pro, iPad mini

**Huawei:** MatePad, MatePad Pro

**Xiaomi:** Xiaomi Tablet5/5 Pro

**Microsoft:** Surface Pro7, Surface Go Go2, Surface Book 2

## Compatible Systems



Windows



Mac OS



LINUX



Image 3.1: A laptop connected to two external monitors, demonstrating multi-screen expansion.

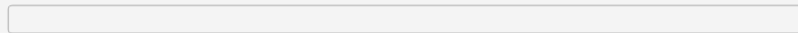


Image 3.2: Display mode configurations and supported resolutions for single and dual video outputs.

## 3.2 Power Delivery

The docking station supports up to 100W Power Delivery (PD) to charge your connected laptop. Ensure your external power adapter and USB-C cable support 100W PD for optimal charging performance.

**Mirror Mode:**

**Extended mode:**

**Extended Mode:**

| Port   | DPI            | HDMI1          | HDMI2          | Remark                       |
|--------|----------------|----------------|----------------|------------------------------|
| Mode 1 | 3840×2160@60Hz |                |                | Single video output          |
| Mode 2 |                | 3840×2160@60Hz |                |                              |
| Mode 3 |                |                | 3840×2160@60Hz |                              |
| Mode 4 | 3840×2160@60Hz |                | 3840×2160@60Hz | Dual video output<br>( MST ) |
| Mode 5 |                | 3840×2160@60Hz | 3840×2160@60Hz |                              |

**\*Note:The DP port and HDMI1 port can't be used at the same time.**

Image 3.3: The docking station providing 100W power to a connected laptop.

### 3.3 Data Transfer

Utilize the various USB ports for connecting peripherals and transferring data:

- **USB 3.0 Ports (x3):** Supports data transfer speeds up to 5Gbps. Ideal for external hard drives, SSDs, and high-speed devices.
- **USB 2.0 Ports (x4):** Supports data transfer speeds up to 480Mbps. Suitable for keyboards, mice, printers, and other standard peripherals.
- **USB-C Port (x1):** Supports data transfer up to 5Gbps.

# Gigabit Ethernet Port



1000Mbps



Image 3.4: Multiple peripherals connected to the docking station, highlighting 5Gbps data transfer.

## 3.4 Gigabit Ethernet

Connect to a wired network for stable and high-speed internet access. The RJ45 port supports speeds up to 1000Mbps (Gigabit Ethernet). Actual speed depends on your broadband service.



Image 3.5: An Ethernet cable connected to the docking station's RJ45 port, showing 1000Mbps capability.

### 3.5 SD/TF Card Reader

The integrated SD and TF card slots allow for convenient access to memory cards from cameras, phones, and other devices.



Image 3.6: Close-up of the SD and TF card slots with cards inserted.

### 3.6 3.5mm Audio Port

Connect headphones, speakers, or a microphone to the 3.5mm audio jack for audio input and output. A computer with a sound card is required for full functionality.



Image 3.7: Close-up of the 3.5mm audio port.

## 4. Maintenance

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To ensure the longevity and optimal performance of your ORICO docking station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the docking station is placed in a well-ventilated area. While the aluminum alloy design provides superior heat dissipation, prolonged use under heavy load may cause the surface temperature to reach approximately 50°C, which is normal for safe and stable operation.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid bending or twisting cables excessively to prevent damage to the connectors or internal wires.

## 5. Troubleshooting

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If you encounter issues with your docking station, refer to the following common problems and solutions:

5.1 Display Issues

- **No display or flickering screen:**
  - Ensure all video cables (HDMI, DisplayPort) are securely connected to both the docking station and the monitors.
  - Verify that the docking station is properly connected to your laptop via the USB-C cable.
  - For macOS, confirm that DisplayLink Manager is installed and running, and that necessary screen recording permissions have been granted in System Settings.
  - Remember that the DP port and HDMI 1 port cannot be used simultaneously. If you are using both, disconnect one.
  - Check your laptop's display settings to ensure external monitors are detected and configured correctly (e.g., extended or mirrored).
- **Resolution not 4K:**
  - Ensure your monitors support 4K resolution and are set to 4K in your operating system's display settings.
  - Verify that the HDMI or DisplayPort cables used are rated for 4K@60Hz.

5.2 Power and Charging Issues

- **Laptop not charging or charging slowly:**
  - Ensure you are using an external power adapter that supports 100W Power Delivery and is connected to the docking station's **PD IN** port. The docking station itself does not include a power adapter.
  - Verify that the USB-C cable connecting the docking station to your laptop also supports 100W PD.
  - Some laptops may display a warning about insufficient power even when charging, especially under heavy load. Confirm if the battery percentage is increasing.

5.3 Peripheral Connectivity Issues

- **USB devices not recognized or intermittent connection:**
  - Try connecting the USB device to a different port on the docking station.
  - Ensure the docking station has sufficient power by connecting a 100W PD power adapter.
  - If switching between laptops, you may need to unplug and replug the power or the laptop connection cable to re-establish all connections.
- **Ethernet connection unstable or slow:**
  - Check the Ethernet cable for damage and ensure it is securely connected.
  - Verify your network settings on your laptop.

6. Specifications

| Feature            | Specification            |
|--------------------|--------------------------|
| Model Number       | CDH-15P                  |
| Product Dimensions | 4.02 x 2.36 x 6.3 inches |
| Item Weight        | 1.57 pounds              |

|                    |                                                                            |
|--------------------|----------------------------------------------------------------------------|
| Brand              | ORICO                                                                      |
| Color              | Silver                                                                     |
| Hardware Interface | USB-C                                                                      |
| Total USB Ports    | 8 (3x USB 3.0, 4x USB 2.0, 1x USB-C)                                       |
| Video Output Ports | 2x HDMI 4K, 1x DisplayPort 4K                                              |
| Ethernet Port      | 1x RJ45 Gigabit Ethernet (1000Mbps)                                        |
| Card Reader        | SD, TF                                                                     |
| Audio Port         | 1x 3.5mm Audio In & Out                                                    |
| Power Delivery     | Up to 100W                                                                 |
| Compatible Devices | MacBook Pro M1/M2, Windows Laptops, iPad Pro, Microsoft Surface Book, etc. |

## 7. Warranty and Support

For warranty information and technical support, please contact ORICO Technologies Co.,Ltd directly or refer to the official ORICO website. Specific warranty terms may vary by region and retailer.

Manufacturer: ORICO Technologies Co.,Ltd

For further assistance, you may visit the [ORICO Store on Amazon](#).

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### ASK A QUESTION ABOUT THIS MANUAL

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**