

## WAVLINK UMD05

# WAVLINK UMD05 USB C Docking Station Instruction Manual

Model: UMD05

|              |                  |                  |                    |       |           |                 |
|--------------|------------------|------------------|--------------------|-------|-----------|-----------------|
| Introduction | Package Contents | Product Overview | Compatibility      | Setup | Operation | Troubleshooting |
|              |                  | Specifications   | Warranty & Support |       |           |                 |

## 1. INTRODUCTION

The WAVLINK UMD05 USB C Docking Station is designed to expand the connectivity of your USB-C enabled laptop, transforming it into a powerful workstation. This 13-in-1 docking station provides multiple ports including dual HDMI, DisplayPort, USB 3.0, Gigabit Ethernet, SD/TF card reader, and audio jack, alongside 100W Power Delivery (PD3.0) charging. It supports triple display configurations for enhanced productivity.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- WAVLINK UMD05 USB C Docking Station
- 130W Power Adapter
- USB-C to USB-C Cable
- User Manual



Image: Contents of the WAVLINK UMD05 package, including the docking station, power adapter, USB-C cable, and user manual.

Your browser does not support the video tag.

Video: Unboxing the WAVLINK UMD05 USB C Docking Station, showing all included components.

### 3. PRODUCT OVERVIEW

The WAVLINK UMD05 docking station features a comprehensive array of ports to enhance your connectivity and productivity.



Image: Detailed view of the WAVLINK UMD05 docking station, highlighting all front and rear ports and their functions.

#### Front Panel Ports:

- **Power Button:** To power on/off the docking station.
- **Power Indicator:** LED to show power status.
- **USB 3.0 Port with BC 1.2 Fast Charging:** For data transfer up to 5Gbps and fast charging of mobile devices.
- **Micro SD Card Reader:** For reading Micro SD memory cards.
- **SD Card Reader:** For reading standard SD memory cards.
- **4-Pole Phone Jack:** For connecting headphones or headsets with microphone functionality.

#### Rear Panel Ports:

- **Gigabit Ethernet Port:** Provides a stable and fast wired network connection (10/100/1000Mbps).
- **3x USB 3.0 Ports:** For connecting USB peripherals and data transfer up to 5Gbps.
- **DisplayPort:** For connecting an external monitor.
- **2x HDMI Ports:** For connecting external monitors.
- **Upstream USB-C Port:** Connects to your laptop for data, video, and power delivery.
- **Power Port (DC 19V):** Connects to the 130W power adapter.

4. COMPATIBILITY

This docking station is compatible with a wide range of devices and operating systems, provided your laptop's USB-C port supports the necessary functions.

Important Note Before Purchase:

Please ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode) and Power Delivery (charging). If your USB-C port only supports data transfer or charging without video output, the display functions of this adapter will not work.



Image: Visual guide to identify compatible USB-C ports (Thunderbolt 3/4, Data+DisplayPort Alt, Data+PD+DisplayPort Alt) versus unsupported ports (Only Data Transfer, Only Charging, Only Data+Power Delivery).

Supported Operating Systems:

- Windows 11 / 10 / 8.1 / 8 / 7 / XP / Vista
- Mac OS X and above
- Chrome OS
- Linux
- Android
- HarmonyOS
- iPadOS

|                                         |                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COMPATIBLE<br>DEVICES<br>(Partial List) | <div>Apple</div> <div></div> <div>MacBook Pro (Intel/M1/M2) 2016-2021;<br/>MacBook Air/mini 2018-2020;<br/>iMac 2017-2020; Mac Studio<br/>iPad Pro (3-6th generation)</div> | <div>Dell</div> <div></div> <div>XPS 13/ 15/ 9380/ 5590;<br/>Latitude 3500/ 7490/ 5500/ 5490;<br/>Inspiron 7405/ 7373/ 7573;<br/>Precision 7520/5550/5540</div> |
|                                         | <div>Lenovo</div> <div></div> <div>Yoga c740/ 5 Pro/ 720/730;<br/>Thinkpad-X1/ T480/ X390/ T490s; X280;<br/>Ideapad 720S/ S540/ 5 81yk006xus</div>                          | <div>HP</div> <div></div> <div>Spectre 13/ x369/ x360;<br/>Elitebook 830 g6/ 840 g5/ 850 g5;<br/>Envy geforce mx250/ x360</div>                                 |
|                                         | <div>Acer</div> <div></div> <div>Aspire5 2019/d17w3/ c24-865<br/>/ Swift 1/ swift 7 sf714-52t-75r6<br/>laptop</div>                                                         | <div>Microsoft</div> <div></div> <div>Surface Studio 2/ Surface Book 2, 3 /<br/>Surface Laptop 3, 4, GO, Studio, SE/<br/>Surface Pro 7, 7+, 8, X</div>            |

Image: Visual representation of the wide operating system compatibility, including Windows, Chrome OS, Mac OS, Linux, and Android.

Compatible Devices (Partial List):

Compatible with laptops featuring a USB Type-C / Thunderbolt 3 interface that supports Display Alt Mode (video output) and Charging.

- **Apple:** MacBook Pro (Intel/M1/M2) 2016-2021; MacBook Air/mini 2018-2020; iMac 2017-2020; Mac Studio; iPad Pro (3rd-6th generation)
- **Dell:** XPS 13/15/9390/5590; Latitude 3500/7490/5500/5490; Inspiron 7405/7373/7573; Precision 7520/5550/5540
- **Lenovo:** Yoga c740/5 Pro/720/730; Thinkpad-X1/T480/X390/T490s; X280; Ideapad 720S/540/581yk006xus
- **HP:** Spectre 13/x369/x360; Elitebook 830 g6/840 g5/850 g5; Envy geforce mx250/x360
- **Acer:** Aspire5 2019/d17w3/c24-865/Swift 1/Swift 7 sf714-521-75r6 laptop
- **Microsoft:** Surface Studio 2/Surface Book 2, 3/Surface Laptop 3, 4, GO, Studio, SE/Surface Pro 7, 7+, 8, X
- **Asus:** Ling Yao 3/X/U306/U321 Series; Zenbook flip ux370u/TUF Gaming A15 Laptop ux434f/14 UX433FA

## 5. SETUP INSTRUCTIONS

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Follow these steps to set up your WAVLINK UMD05 docking station:

1. **Connect Power:** Plug the 130W power adapter into the DC 19V power port on the rear of the docking station, then connect the adapter to a power outlet.
2. **Connect to Laptop:** Use the provided USB-C to USB-C cable to connect the upstream USB-C port on the docking station to your laptop's USB-C port. Ensure your laptop's USB-C port supports Power Delivery and DisplayPort Alt Mode.
3. **Connect Displays:** Connect your external monitors to the HDMI and/or DisplayPort outputs on the docking station using appropriate cables.
4. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external drives), Ethernet cable, SD/TF cards, and audio devices to the respective ports on the docking station.
5. **Power On:** Press the power button on the front of the docking station. The power indicator LED will illuminate.

Your browser does not support the video tag.

Video: A demonstration of connecting the WAVLINK USB C Docking Station to a laptop and external monitors.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Display Modes

The docking station supports various display configurations depending on your operating system and laptop's capabilities.

#### Windows Display Modes:

Windows systems support both Mirror Mode (SST) and Extend Mode (MST) for triple display setups. Ensure your laptop supports DP1.4 with DSC for optimal resolutions. For some graphics cards that only support 3 monitors, you may need to turn off the host screen to enable triple external displays.

- **Single Display:** Up to 4K@60Hz (using HDMI1/DP).
- **Dual Display:** Up to 2560x1440@60Hz.
- **Triple Display:** Up to 1920x1080@60Hz.

## Windows Display Modes

For some graphics cards that only support 3 monitors, you need to turn off the host screen

### Extend Mode



### Mirror Mode



Image: Examples of Windows display modes, including mirror and extended desktop configurations with multiple monitors.

## Mac OS Display Modes:

Mac OS (Intel/M1/M2 based) only supports extending one monitor. The external monitors will show the same content (mirror mode or non-mirror mode where external displays are identical but different from the laptop screen). This is a limitation of Mac OS itself, not the docking station.

- **Single Display:** Up to 4K@60Hz (using HDMI1/DP).
- **Dual/Triple Display:** External monitors will mirror each other, or show content different from the laptop but identical across external displays.

## Mac Display Modes

Intel/M1/M2 based Mac can only extend ONE monitor, the external monitors will show the same content

### Non-Mirror Mode



### Mirror Mode



Image: Examples of Mac OS display modes, illustrating mirror and non-mirror configurations with external monitors.

## 6.2 Power Delivery (PD3.0) Charging

The docking station provides up to 100W Power Delivery (PD3.0) through the upstream USB-C port to your connected laptop, ensuring your device stays charged while in use. It delivers up to 65W to the laptop, with remaining power for the dock and peripherals.



Image: A laptop connected to the docking station, showing the charging icon indicating power delivery.

### 6.3 Data Transfer and Card Reader

Utilize the 4 USB 3.0 ports for high-speed data synchronization up to 5Gbps, which is significantly faster than USB 2.0. The integrated SD and Micro SD card readers allow for easy access to files from various memory cards up to 2TB.

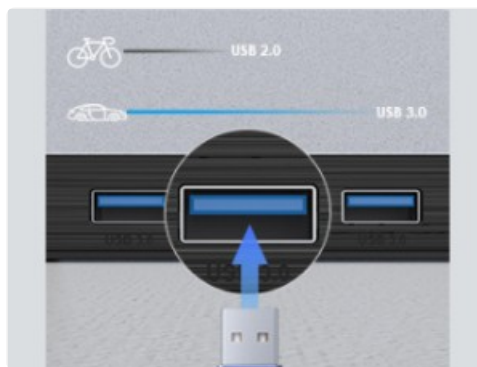


Image: Close-up view of the USB 3.0 ports on the docking station, illustrating their high-speed capability.



Image: The SD and Micro SD card reader slots on the docking station, demonstrating their use with memory cards.

### 6.4 Gigabit Ethernet

The 1000Mbps Gigabit Ethernet port provides a reliable and high-speed wired network connection, ideal for stable internet access and large file transfers.

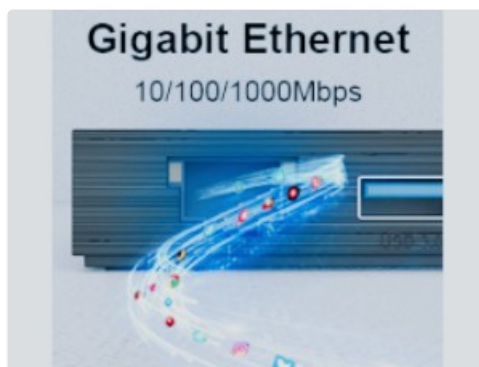


Image: The Gigabit Ethernet port on the docking station, indicating its 10/100/1000Mbps capability.

## 7. TROUBLESHOOTING

If you encounter issues with your WAVLINK UMD05 docking station, please refer to the following common solutions:

| Problem                                            | Possible Cause / Solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No display output / External monitors not detected | <ul style="list-style-type: none"><li>• Ensure your laptop's USB-C port supports DisplayPort Alt Mode.</li><li>• Check all cable connections (USB-C to laptop, HDMI/DP to monitors).</li><li>• Verify the docking station is powered on.</li><li>• Try updating your laptop's graphics drivers.</li><li>• For Windows, check display settings (Display Settings &gt; Multiple Displays).</li><li>• For Mac, remember it only extends one monitor; other external displays will mirror.</li></ul> |
| Laptop not charging                                | <ul style="list-style-type: none"><li>• Ensure your laptop's USB-C port supports Power Delivery.</li><li>• Verify the 130W power adapter is correctly connected to the docking station and a power outlet.</li><li>• Check the USB-C cable connection between the dock and laptop.</li></ul>                                                                                                                                                                                                     |
| USB devices not working                            | <ul style="list-style-type: none"><li>• Ensure the docking station is powered on.</li><li>• Try connecting the USB device directly to the laptop to confirm functionality.</li><li>• Reconnect the USB device to a different port on the docking station.</li></ul>                                                                                                                                                                                                                              |
| No internet connection via Ethernet                | <ul style="list-style-type: none"><li>• Check the Ethernet cable connection to both the docking station and your router/modem.</li><li>• Verify your network settings on your laptop.</li><li>• Ensure the docking station is powered on.</li></ul>                                                                                                                                                                                                                                              |

## 8. SPECIFICATIONS

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature                | Detail                                                                                                                                                                          |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Number           | UMD05                                                                                                                                                                           |
| Ports                  | 2x HDMI, 1x DisplayPort, 4x USB 3.0 (1 with BC 1.2), 1x Gigabit Ethernet, 1x SD Card Reader, 1x Micro SD Card Reader, 1x 4-Pole Phone Jack, 1x Upstream USB-C, 1x DC Power Port |
| Power Delivery         | Up to 100W PD3.0 (65W to laptop)                                                                                                                                                |
| Video Output (Windows) | Single: 4K@60Hz; Dual: 2560x1440@60Hz; Triple: 1920x1080@60Hz                                                                                                                   |
| Video Output (Mac OS)  | Extend 1 monitor, others mirror (due to Mac OS limitation)                                                                                                                      |
| USB Data Transfer Rate | 5 Gigabits Per Second (USB 3.0)                                                                                                                                                 |
| Ethernet Speed         | 10/100/1000 Mbps                                                                                                                                                                |
| Card Reader Support    | SD/Micro SD up to 2TB                                                                                                                                                           |
| Material               | Plastic                                                                                                                                                                         |
| Dimensions (L x W x H) | 10" x 5" x 1" (approximate)                                                                                                                                                     |
| Weight                 | 100 Grams                                                                                                                                                                       |

## 9. WARRANTY & SUPPORT

WAVLINK provides a 12-month warranty for this product. If you encounter any quality issues, a 30-day money-back guarantee is also available. For technical assistance or customer service, please contact WAVLINK support.

### Contact Information:

**Phone:** +18889730883 (UTC-5) Mon-Fri 9AM-6PM

**Email:** [Contact@wavlink.com](mailto:Contact@wavlink.com)

Need help?

We are  
standing by...



+ 18889730883  
(UTC-5) Mon-Fri 9AM-6PM



Contact@wavlink.com

Image: WAVLINK customer support contact information, including phone number and email address.

## 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