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› WAVLINK WL-UMD04 USB-C Triple Display Docking Station User Manual

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WAVLINK WL-UMD04 USB-C Triple Display Docking Station User Manual

Model: WL-UMD04 | Brand: WAVLINK

INTRODUCTION

This WAVLINK USB-C Triple Display Docking Station (Model WL-UMD04) provides comprehensive connectivity and display expansion for compatible laptops. Featuring HDMI, DisplayPort, and VGA outputs for triple display setups, 100W Power Delivery, Gigabit Ethernet, multiple USB 3.0/2.0 ports, and SD/Micro SD card readers, it enhances productivity for various computing environments.

Special Remark: This docking station is only compatible with PCs or laptops equipped with a full-featured USB-C port. A full-featured Type-C port supports USB-C power delivery, VESA video output mode, and data transfer.

SETUP GUIDE

1. Unboxing and Component Check:

Carefully remove the docking station and all accessories from the packaging. Ensure the main unit, quick start guide, and any included documentation are present.



Image: The docking station alongside its quick start guide and a mini-CD for driver installation (or download link).

3. **Connecting to your Laptop:**

Connect the integrated USB-C cable from the docking station to a full-featured USB-C port on your laptop.

Perfect USB-A Connection

2 x USB 3.0 & 2 x USB 2.0 for different needs



Mouse



Keyboard



Keyboard



Hard Disk



U Disk



Image: The docking station connected to a laptop via USB-C and to a power adapter for pass-through charging.

OPERATING INSTRUCTIONS

Display Connectivity

The docking station supports triple display output via HDMI, DisplayPort, and VGA ports. You can configure your displays in mirror or extend mode.

- **Single Display:** HDMI or DisplayPort can support up to 4K@30Hz (under DP1.2 source).
- **Dual Display:** Resolution will be 2K@60Hz when two monitors are used simultaneously.
- **Triple Display:** Resolution will be 1600x900@60Hz when HDMI, DisplayPort, and VGA are used together.

Multiple Display

Transform your USB-C laptop into multiple monitors



Note: Intel Graphics Card only support 3-monitor display, thus one of four monitors will not be displayed



Note: Mac OS does not support MST; VGA is not available for Mac Os when connecting to multiple monitors



Image: A visual guide illustrating mirror and extend display modes for both Microsoft Windows and Mac OS, showing connections to HDMI, DisplayPort, and VGA.

Note for Apple M1 Chip users: There may be no sound output from the DisplayPort interface. Subsequent OS updates may resolve this issue.

Clear 4K World

On Bigger Screen

DP: 3840 x 2160 30Hz

HDMI: 3840x2160 30Hz



Image: A laptop connected to a large 4K monitor through the WAVLINK docking station, demonstrating high-resolution video output.

Data Transfer and Network

- **USB 3.0 Ports:** Two USB 3.0 ports provide data transfer speeds up to 5Gbps.
- **USB 2.0 Ports:** Two USB 2.0 ports are suitable for connecting wireless mice, keyboards, and other peripherals.
- **SD/Micro SD Card Readers:** Built-in slots support SD and Micro SD memory cards up to 2TB, with simultaneous reading capability.
- **Gigabit Ethernet:** The 1000Mbps Ethernet port ensures a stable and fast wired network connection.

PD 3.0 Charging



Image: The docking station connected to a laptop, with various USB-A devices such as a mouse, keyboard, and external storage, demonstrating its versatile connectivity.

MAINTENANCE

- Keep the docking station clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Ensure proper ventilation around the device to prevent overheating.
- Disconnect all cables when not in use for extended periods.

TROUBLESHOOTING

- **No Network Connection via Ethernet:**

If your computer is connected to the Ethernet port on the dock but there is no network, you may need to download the driver based on the RTL8153 main control chip. Visit the official WAVLINK website for more details and driver downloads.

- **Display Issues (Apple M1 Chip):**

When using on an Apple computer with an M1 chip, there might be no sound output from the DisplayPort interface. This is a known issue that may be resolved with subsequent OS updates from Apple.

- **Power Delivery Not Working:**

Ensure your laptop's USB-C port is full-featured and supports Power Delivery. Use a compatible USB-C power adapter connected to the dock's "Power In" port.

- **General Connectivity Problems:**

Ensure all cables are securely connected. Try restarting your laptop and reconnecting the docking station. Verify that your laptop's USB-C port supports data transfer and video output.

SPECIFICATIONS

Feature	Detail
Brand	WAVLINK
Model Number	WL-UMD04
Hardware Interface	DisplayPort, Ethernet, HDMI, USB 2.0, USB 3.0, VGA
Total USB Ports	4 (2x USB 3.0, 2x USB 2.0)
Total HDMI Ports	1
DisplayPort	1
VGA Port	1
Ethernet Port	10/100/1000Mbps Gigabit Ethernet
Card Reader	SD and Micro SD (supports up to 2TB, simultaneous reading)
Audio Jack	3.5mm Audio
Power Delivery	Up to 100W (85W to laptop, 15W to peripherals)
Item Weight	325 Grams

Compatible
Devices

Dell XPS 9380/ XPS 13 9365/ XPS 15 2018/ XPS 13 9300/ New XPS 15 with i7 dedicated video card 64GB of ram and 2TB SSD; Latitude 7280/ Latitude 5310 2-in-1; Precision 7730/ Precision 7750; Laptop 5590, HP Spectre Laptop 13-af001TU/ Spectre x360 13t/ Spectre folio (13t-ak000cto)/ Spectre 360 laptop/ Specter x369; Elitebook 840 G5 series/ Elitebook X2/ Elitebook x360 1030 G3/ Elitebook 745 G6/ Elitebook 830 G6/ 2018 HP Elite 800 G4; Envy Geforce mx250/ Envy x360 Laptop (15z-ds100); Z book 15u G3/ Zbook 17 G4, Lenovo Yoga 720-13IKB/ Yoga 730/ Yoga 900-13ISK/ Yoga 910/ Yoga 920/ Yoga 930/ Yoga 940-14IIL; 3rd generation Thinkpad Yoga; Yoga15 Thinkpad Ultrabook Pro; Thinkpad E590/ Thinkpad P72/ Thinkpad T470/ Thinkpad X1 Carbon (2019 model); Flex 14 IML (81XG)/ Flex 5; Legion Y530; Lenovo C930/ T480s/ X390/ 81N8, Microsoft Surface Book 2/ Surface Go/ Surface Laptop 3; Surface Pro 7, Huawei Macbook Mate10/ Mate10 pro/ Mate20/ Mate20 pro / Mate30/ Mate30Pro; Google Slate (2019); Chromebook C340-15; SanDisk Cruise Glide; Razer Blade 2017 (gtx 1060); Pixel book go 2019/2020

WARRANTY AND SUPPORT

For warranty information, technical support, and further assistance, please visit the official WAVLINK website or contact their customer service.

Official WAVLINK Store: [WAVLINK Amazon Store](#)

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