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QUICK START GUIDE

USB-C Quad Display Docking

www.wavlink.com/en_us/WL-UMD307

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WL-UMD307

WAVLINK (@WavlinkOfficial)
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Safety Instructions

Always read the safety instructions carefully.
Keep this Quick Start Guide for future reference.
Keep this equipment away from humidity.
If any of the following situation arises, get the equipment checked by a service technician:
• The equipment has been exposed to moisture.
• The equipment has been dropped and damaged.
• The equipment has obvious sign of breakage.
• The equipment has not been working well or you cannot get it work according to Quick Start Guide.

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WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Introduction

This quad display docking station can help your laptop connect with different devices simultaneously, small yet powerful. HDMI, DP and VGA ports output HD video.

Features

- Compatible with laptop or smartphone with Type-C port.
- Three USB 2.0 ports transfer speeds up to 480Mbps.
- Support SST(Single-Stream Transport) and MST(Multi-Stream Transport).
- Quad Display(HDMI 1+HDMI 2+DP+VGA) for video output, triple display supports maximum up to 4K resolution.

System Requirements

- Microsoft Windows 7/8/10/11
- Apple Mac OS 10.8 or later
- Requires your computer/smartphone has at least one USB-C port that supports DP Alt-mode.

In the Box

-1 × USB-C Quad Display Docking
-1 × Quick Start Guide

Single Display

Items	Windows		Mac	
	Extend DP1.2	Extend DP 1.4	Mirror DP1.2	Mirror DP1.4
HDMI 1	4K@30Hz	4K@30Hz	4K@30Hz	4K@30Hz
HDMI 2	4K@60Hz	4K@60Hz	4K@60Hz	4K@60Hz
VGA	1080P@60Hz	1080P@60Hz	1080P@60Hz	1080P@60Hz
DP	4K@60Hz	4K@60Hz	4K@60Hz	4K@60Hz

Dual Display

Items	Windows		Mac	
	Extend DP1.2	Extend DP 1.4	Mirror DP 1.2	Mirror DP 1.4
HDMI 1+HDMI 2	4K@30Hz+4K@60Hz		4K@30Hz	
HDMI 1+DP	4K@30Hz+4K@60Hz		4K@30Hz	
HDMI 1+VGA	4K@30Hz+1080P@60Hz		1080P@60Hz	
HDMI 2+DP	4K@60Hz+4K@60Hz		4K@60Hz	
HDMI 2+VGA	4K@60Hz+1080P@60Hz		1080P@60Hz	
DP+VGA	4K@60Hz+1080P@60Hz		1080P@60Hz	

Note: When connected with Apple M1 computer, our product supports only 1 external monitor.

Triple Display

Items	Windows		Mac	
	Extend DP1.2	Extend DP 1.4	Mirror DP 1.2	Mirror DP 1.4
HDMI 1+ HDMI 2 + DP	1080P@60Hz	4K@30Hz+4K@60Hz+4K@30Hz 4K@30Hz+4K@30Hz+4K@60Hz 1080P@60Hz+4K@60Hz+4K@60Hz		4K@30Hz
HDMI 1+ HDMI 2+ VGA		4K@30Hz+4K@60Hz+1080P@60Hz		1080P@60Hz
HDMI 2+ DP+ VGA		4K@60Hz+4K@60Hz+1080P@60Hz		1080P@60Hz
HDMI 1+ DP+ VGA		4K@30Hz+4K@60Hz+1080P@60Hz		1080P@60Hz

Note: When connected with Apple M1 computer, our product supports only 1 external monitor.

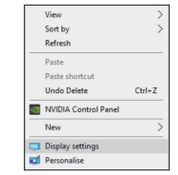
Quad Display

Items	Windows		Mac	
	Extend DP1.2	Extend DP 1.4	Mirror DP 1.2	Mirror DP 1.4
HDMI 1+HDMI 2 +VGA+DP	Not supported	1080P@60Hz	1080P@60Hz	1080P@60Hz

Display Settings

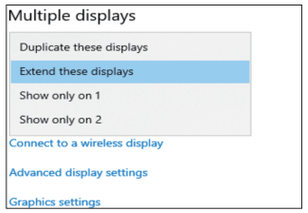
For Windows Users

1. Right-click at any spot on your desktop and select "**Display settings**".



2. In "**Display**", please select either monitor 1 or monitor 2.

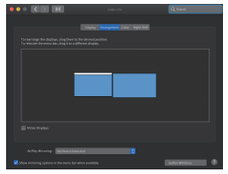
3. Scroll down to the "**Multiple displays**", and select the mode in the drop-down list that is fit for your need.



For Mac OS Users

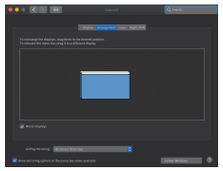
1. Select "**System Preferences**" and choose "**Displays**".

2. Click on "**Arrangement**" to change the position of displays currently connected.



Extend Mode

3. Select either extend or mirror mode on your demand.



Mirror Mode

Operation Step

1. Make sure that the resolution of your screen meets the corresponding requirements.
2. Connect the dock to a compatible laptop or smartphone via USB-C/M.
3. Connect the HDMI screen to the dock with an HDMI cable.
4. Connect the VGA screen to the dock with a cable.
5. Connect the DP screen to the dock with a DP cable.
6. Now you can see the user interface in the screens.
7. Insert the USB-disk into USB 2.0 ports to transfer data.

Notice

1. Make sure the pin in the port does not sag or curve, so as not to affect its pluggable function.
2. Keep liquids away from the product to prevent mechanics damage.
3. Please keep the product in a dry, clean environment.

Tips

1. HDMI , DP and VGA ports only can be used when the USB-C port of your host device(laptop/smartphone/tablet) can output video.
2. USB-A port is not compatible with Apple SuperDrive/Nintendo and it is not recommended that you charge a tablet or iPad through it.
3. Some laptops may have a limitation on power output and it is recommended that you only connect an HDD/SSD external hard drive at a time.
4. For security, please use the adapter or cable that is original or owns a third-party certification to charge your laptop.
5. Only the laptop with VESA DisplayPort (DP) v1.4 (HBR3) can output 4K@60Hz videos with this dock.

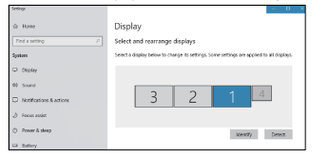
Q&A

Q1. How to figure out the maximum resolution (DP1.2/DP1.4) my laptop supports?

A1. 1. Firstly check the Graphics card version of your laptop;
*Find "**display adapter**" in "**Device Manager**".
2. Check the information of Intel processors for details from https://www.intel.com/content/www/us/en/support/products/80939/graphics-drivers.html

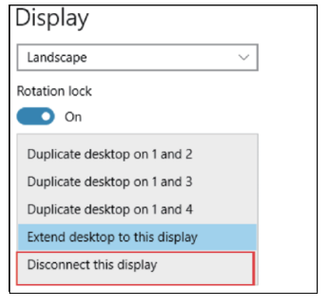
Q2. Why doesn't my third monitor display when I set the triple display mode?

A2. **Step 1**: Choose the main display
1. Right-click to select "**Display settings**".
2. Choose a monitor display and scroll down to "**Multiple displays**"

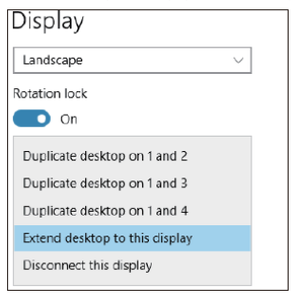


3. Mark "**Make this my main display**".

Step 2: Disconnect laptop display
1. Select the laptop display ("1" is the default display for laptop) and scroll down to "**Multiple displays**".
2. Select "**Disconnect this display**", then laptop display panel will become disconnected.

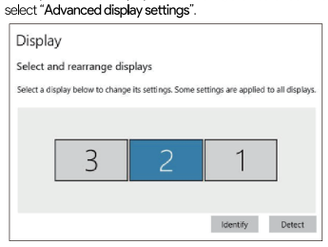


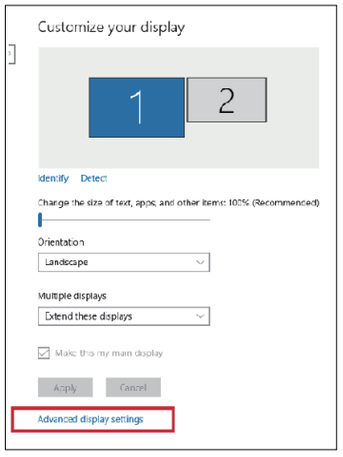
Step 3: Turn on the third monitor display
1. Choose the remaining monitor display then scroll down to "**Multiple displays**"
2. Select "**Extend desktop to this display**" to enable this display.



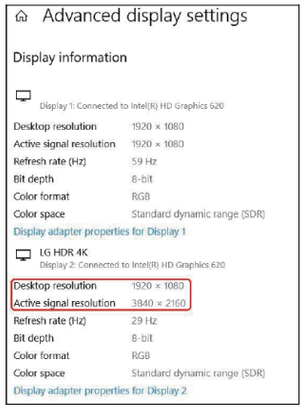
Q3. Why are my 2K and 4K monitor display abnormal when I set dual or triple display mode?

A3. The resolution of some branded monitors cannot be adjusted automatically, the "**Active signal resolution**" of which is different from Windows setting "**Desktop resolution**", hence you had better set the resolution at the same value.
1. Right-click and select "**Display settings**"
2. Select your monitor display and click on it, then scroll down to select "**Advanced display settings**".

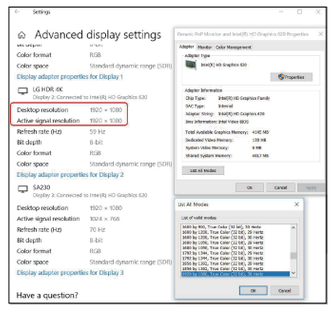




3. Check if resolution values of each monitor on "**Desktop resolution**" and "**Active signal resolution**" are the same.



4. Click on "**Display adapter properties for Display 2**" and lower the resolution to the right value if two values are different.



Computer Model support DP1.4 signal	Remark
HP EliteBook 840 GB	The computers supporting DP1.4 signal output depend on the specifications of computer and graphics card. This product only supports 4K@60Hz for these specifications of computers.
DELL Latitude 3420	
MacBook Pro 2020(13",2020)	
MacBook Pro 2021(16",2021)	
DELL Inpiron 14 Plus 7420	
More models will be updated regularly	

Q4: Why does this Docking power off after connecting the Hard Disk to it?

A4: That's because this port is USB 2.0 for data transmission, the power for this Docking is supplied from the Laptop/PC. When connected to some devices with high instantaneous current, there may be a problem of power-off protection due to the Standard USB 2.0(2.5 watt) Protection Point. If the working current of the equipment you connect returns to within the specified value, it will be powered on again.

Official website: www.wavlink.com
Technical support: support@wavlink.com

UMD307说明书WAVLINK-E1
105G铜版纸彩色双面印刷风琴折
成品尺寸：55x70mm
展开尺寸：495x70mm
设计：冯景祥 2023.03.11