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QUICK START GUIDE
USB-C Triple Display Docking

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Quick Start Guide and Driver downloading

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WL-UMD301

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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.

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Introduction

This triple display docking station can help your laptop connect with different devices simultaneously, small yet powerful. HDMI and VGA ports output HD video. SD/TF card reader slots offer more choices to process data. Blazing-fast Gigabit Ethernet provides a stable and efficient network connection. Connect your device, connect the World.

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 with full-function

In the Box

- 1 × USB-C Triple Display Docking
- 1 × Quick Start Guide
- 1 × Driver Link Card

Single Display

Items		HDMI 1	HDMI 2	VGA
Windows	Extend DP12	4K@60Hz	4K@30Hz	2K@60Hz
	Extend DP 1.4	4K@60Hz	4K@30Hz	2K@60Hz
Mac	Extend DP12	4K@60Hz	4K@30Hz	2K@60Hz
	Extend DP 1.4	4K@60Hz	4K@30Hz	2K@60Hz

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Features

- Compatible with laptop or smartphone with Type-C port of full function with data transfer, USB-C Power Delivery and Video Alternate Mode.
- Two USB 3.0 ports transfer data at the rate up to 5Gbps, and downward compatible with USB 2.0/1.1 devices.
- Two USB 2.0 ports transfer data at the rate of 480Mbps.
- Supports SST/MST.
- Simultaneous output from HDMI1, HDMI2, and VGA; When using only one HDMI port, the resolution will be 4K@60Hz (for the PC supporting DP1.4); When two HDMI ports are working simultaneously, the resolution will be 4K@30Hz; When three ports are working simultaneously, the resolution will be 1080P@60Hz.
- The USB-C port provides upstream devices with 87W power delivery, whereas maximum 60W PD to the laptop.

- Max Ethernet speed: 1000Mbps.
- SD/Micro SD card reader slots.
- Audio out & Mic in 3.5mm jack.

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Dual Display

Items		HDMI1+HDMI2	VGA+HDMI 2	VGA+HDMI 1
Windows	Extend DP12	1080P@60Hz+1080P@60Hz	1080P@60Hz+1080P@60Hz	1080P@60Hz+1080P@60Hz
	Extend DP 1.4	4K@60Hz+1080P@60Hz	1080P@60Hz+4K@60Hz	1080P@60Hz+4K@60Hz
Mac	Mirror DP12	4K@30Hz	4K@30Hz	4K@30Hz
	Mirror DP 1.4	4K@30Hz	4K@30Hz	4K@30Hz

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

Triple Display

| Items		HDMI1+HDMI 2+VGA		
Windows	Extend DP12	1600x900@60Hz+1600x900@60Hz+1600x900@60Hz		
	Extend DP 1.4	1080P@60Hz+1080P@60Hz+1080P@60Hz		
Mac	Mirror DP12	4K@30Hz		
	Mirror DP 1.4	4K@30Hz		

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

Display Settings

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

Note:
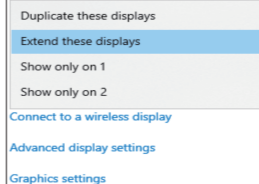When connected with Apple M1 computer, our product supports only 1 external monitor.
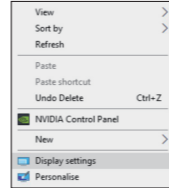
2. In "Display", please select either monitor 1 or monitor 2.
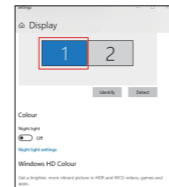
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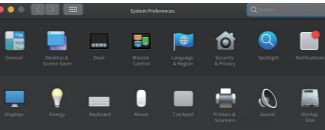3. Scroll down to the "Multiple displays", and select the mode in the drop-down list that is fit for your need.

Multiple displays
- Duplicate these displays
- Extend these displays
- Show only on 1
- Show only on 2

Connect to a wireless display
Advanced display settings
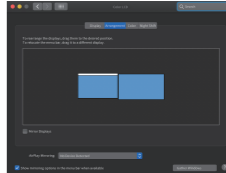Graphics settings

For Mac OS Users
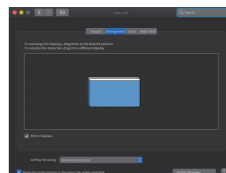1. Select "System Preferences" and choose "Displays".

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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

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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. Now you can see the user interface in the screens.
6. Insert the USB-disk into USB 3.0 or USB 2.0 ports to transfer data.
7. Insert the SD or TF cards into slots relatively to read and write data.
8. Connect the adapter via USB-C/F to charge your device.

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.

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Tips

1. When the power supply of the host device cannot support all ports working, please charge the dock through USB-C/F to make it run smoothly.
2. HDMI and VGA ports can only be used when the USB-C port of your host device(laptop/smartphone/tablet) can output HD video.
3. USB-A port is not compatible with Apple SuperDrive/Nintendo and it is not recommended that you charge a tablet or iPad through it.
4. 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.
5. For security, please use the adapter or cable that is original or owns a Third-party certification to charge your laptop.
6. Only the laptop with VESA DisplayPort (DP) v1.4 (HBR2) 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".
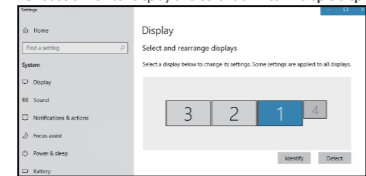2. Check the information of Intel processors for details from

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https://www.intel.com/content/www/us/en/support/products/80939/graphics-drivers.html

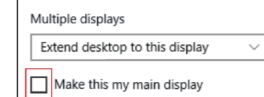Q2. Why doesn't my third monitor display when I set the triple display mode?
A2. **Step 1:** Choose the main display
1. Right-click to select "Display settings".
2. Choose a monitor and scroll down to "Multiple displays"
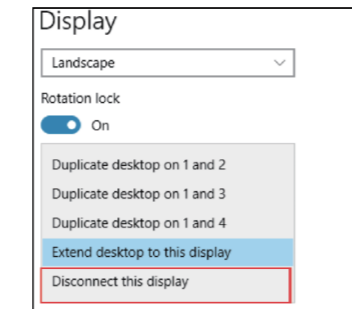

3. Mark "Make this my main display".

Multiple displays

Multiple displays
Extend desktop to this display ▾
☐ Make this my main display

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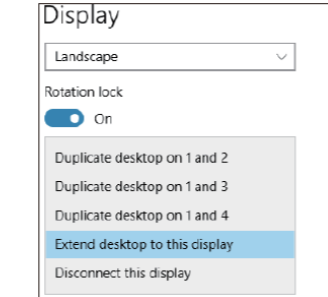

Step 2: Disconnect laptop display
1. Select the laptop display ("1" is the default display for laptop) and scroll down to "Multiple displays".
2. Select "Disconnect this display", then laptop display panel will become disconnected.

Display

Landscape ▾

Rotation lock
● On

- Duplicate desktop on 1 and 2
- Duplicate desktop on 1 and 3
- Duplicate desktop on 1 and 4
- Extend desktop to this display
- Disconnect this display

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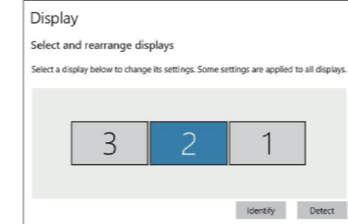2. Select "Extend desktop to this display" to enable this display.

Display

Landscape ▾

Rotation lock
● On

- Duplicate desktop on 1 and 2
- Duplicate desktop on 1 and 3
- Duplicate desktop on 1 and 4
- Extend desktop to this display
- Disconnect this display

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Q3. Why are my 2K and 4K monitor display abnormal when I set dual or triple display mode?
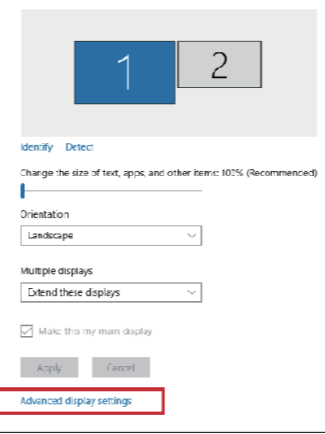A3. The resolution of some branded monitors cannot be adjusted automatically, the "Active signal resolution" of which is different from Windows setting "Desktop resolution", hence you had better set the resolution at the same value.
1. Right-click and select "Display settings".
2. Select your monitor display and click on it, then scroll down to select "Advanced display settings".
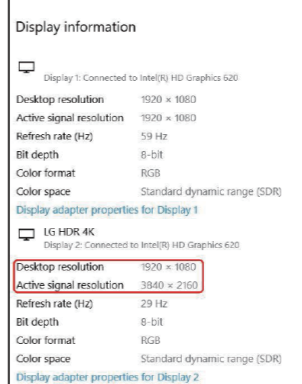
Display

Select and rearrange displays

Select a display below to change its settings. Some settings are applied to all displays.

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Customize your display

Change the size of text, apps, and other items: 100% (Recommended)

Orientation
Landscape ▾

Multiple displays
Extend these displays ▾

☐ Make this my main display

Apply   Cancel

Advanced display settings

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

Advanced display settings

Display information

Display 1: Connected to Intel(R) HD Graphics 620

Desktop resolution   1920 × 1080
Active signal resolution   1920 × 1080
Refresh rate (Hz)   59 Hz
Bit depth   8-bit
Color format   RGB
Color space   Standard dynamic range (SDR)

Display adapter properties for Display 1

LG HDR 4K
Display 2: Connected to Intel(R) HD Graphics 620

Desktop resolution   1920 × 1080
Active signal resolution   3840 × 2160
Refresh rate (Hz)   29 Hz
Bit depth   8-bit
Color format   RGB
Color space   Standard dynamic range (SDR)

Display adapter properties for Display 2

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4. Click on "Display adapter properties for Display 2" and lower the resolution to the right value if two values are different.
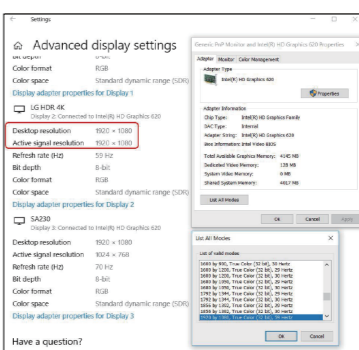
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Q4. Why does it show "slow charging" on my laptop?
A4. Some users may notice that the charging status shows "slow charging", this is because some series of laptop have protection protocol, especially laptops that have both Thunderbolt 3 port and over 100W external DC power adapter. Please solve it by using an external power adapter to charge.

Computer Model support DP1.4 signal	Remark
MacBook Pro 2018(15.4")	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. The output bandwidth of DP1.2 signal is not enough to output 4K@60Hz, only available for 4K@30Hz.
MacBook Pro 2019(15.4")	
MacBook Pro 2019(16")	
iPad Pro 2018/2020	
Surface Laptop 3	
Surface Pro 7	
HP ENVY X360	
HP EliteBook 745 G5	
More models will be updated regularly	

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

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