System Requirements

- Microsoft Windows 7/8/10/11
- Apple Mac OS 10.8 or later
- Android
- Requires your computer/smartphone has at least one USB-C port with full-function

Features

- Three ports(DP1+DP2+HDMI) work for video output.
- It supports max. 8K@30Hz or 4K@144Hz display.
- The USB-C provides upstream devices with PD 85W power delivery.
- One RJ45 Ethernet port provides 2.5G Ethernet network, and is backward compatible with 1000/100/10Mbps network.
- Two USB-A ports transfer speed up to 480Mbps, and are backward compatible with USB 1.1.
- One USB-C and one USB-A transfer speed up to 10Gbps, and are backward compatible with USB 2.0/1.1.
- One SD/Micro SD card reader slot.
- Audio out&Mic in 3.5mm jack.

Driver Installation

For Windows 10/11/Later and MAC OS, it is Plug and Play, so no Driver installation is needed. If the Network port of this Dock can't be recognized, please visit www.wavlink.com>SUPPORT>Driver>PC Peripherals>Ethernet Port>Type-C Multi Stream Transport (MST) Dock Or Adapter>WL-UMD306 to download and manually install the Driver.

1. This Dock requires the Laptop/PC to support PD and DP ALT MODE. Before connecting to the Dock, please ensure the USB-C interface of the PC/Laptops supports PD and DP ALT MODE, if it does not work, please check Q&A: Q7 for details.
2. Connect your monitor(s) to video ports of the dock then you can proceed to configure the display modes.

Single Display

		DP1	DP2	HDMI
Windows MST	HBR2 (DP1.2)	3840 x 2160@30Hz	3840 x 2160@30Hz	3840 x 2160@30Hz
	HBR3 (DP1.4)	3840 x 2160@60Hz	3840 x 2160@60Hz	3840 x 2160@60Hz
	HBR3+DSC (DP1.4)	7680 x 4320@30Hz	7680 x 4320@30Hz	3840 x 2160@60Hz
Mac OS SST	HBR2 (DP1.2)	3840 x 2160@30Hz	3840 x 2160@30Hz	3840 x 2160@30Hz
	HBR3 (DP1.4)	3840 x 2160@60Hz	3840 x 2160@60Hz	3840 x 2160@60Hz
	HBR3+DSC (DP1.4)	3840 x 2160@144Hz	3840 x 2160@144Hz	3840 x 2160@60Hz

Dual Display

		Dual DP	DP+HDMI
Windows MST	HBR2 (DP1.2)	Dual 1920 x 1080@60Hz	Dual 1920 x 1080@60Hz
	HBR3 (DP1.4)	Dual 2560 x 1440@60Hz	Dual 2560 x 1440@60Hz
	HBR3+DSC (DP1.4)	Dual 3840 x 2160@60Hz	Dual 3840 x 2160@30Hz
Mac OS SST	HBR2 (DP1.2)	Dual 3840 x 2160@30Hz	Dual 3840 x 2160@30Hz
	HBR3 (DP1.4)	Dual 3840 x 2160@60Hz	Dual 3840 x 2160@60Hz
	HBR3+DSC (DP1.4)	Dual 3840 x 2160@60Hz	Dual 3840 x 2160@60Hz

Triple Display

		DP1+DP2+HDMI
Windows MST	HBR2 (DP1.2)	Dual 1920 x 1080@30Hz + One 1280 x 720@60Hz
	HBR3 (DP1.4)	Triple 1920 x 1080@60Hz
	HBR3+DSC (DP1.4)	Dual 3840 x 2160@30Hz + One 1920 x 1080@60Hz
Mac OS SST	HBR2 (DP1.2)	Triple 3840 x 2160@30Hz
	HBR3 (DP1.4)	Triple 3840 x 2160@60Hz
	HBR3+DSC (DP1.4)	Triple 3840 x 2160@60Hz

* The above resolutions are factory test results; The resolution may be different depending on the actual situation of the computer and monitor.

Note:
If you want to use the 3 displays with your PC/laptop simultaneously, please make sure that the Graphics card of the USB-C port supports at least 4 displays of DP ALT Mode, including your PC's own screen. Check with your PC manufacturer on this. If your Graphics card doesn't support 4 displays, please check Q&A: Q2 for details.
Remarks for Windows based PC/laptops:
1. Before you connect two or three monitors, we suggest you lower monitor resolution, please check Q&A: Q3 for details.

2. Before you connect three monitors, we suggest you disconnect PC/laptop first, please check Q&A: Q2 for details.
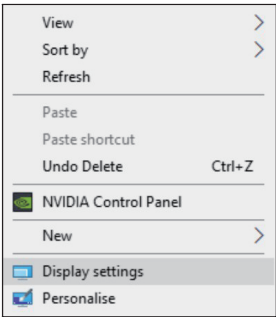
Remarks for Mac based PC/laptops:

- Mac OS is Single-Stream Transport mode, so only one video source can be output such as ABB or ABBB(A is the primary display).
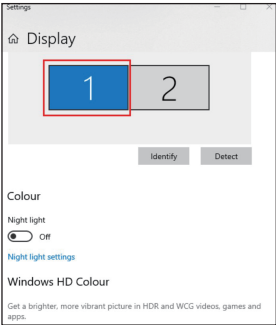

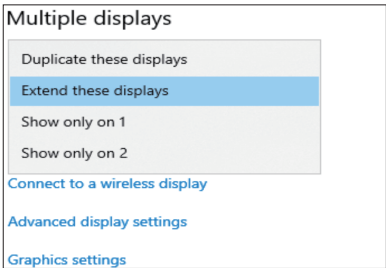## Display Settings

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.
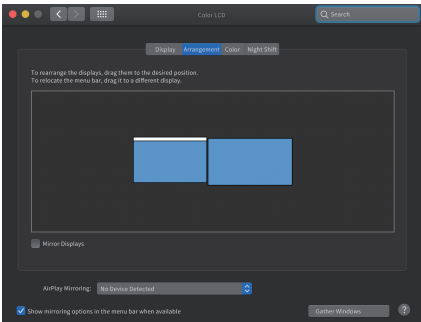

For Mac OS Users

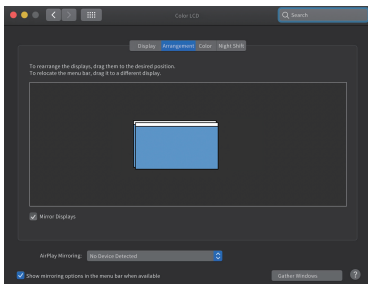1. Select "**System Preferences**" and choose "**Displays**".

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 DisplayPort screen to the dock with DisplayPort 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 Micro SD 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.

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 DP Ports: Only can be used when the USB-C port of your host device
   (laptop/smartphone/tablet) can output 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.

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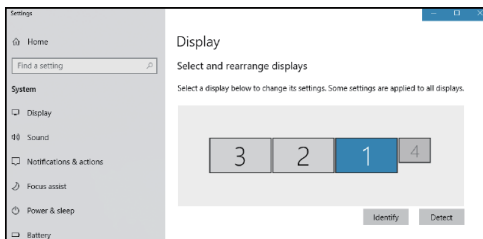https://www.intel.com/content/www/us/en/support/products/80939/graphics-drivers.html

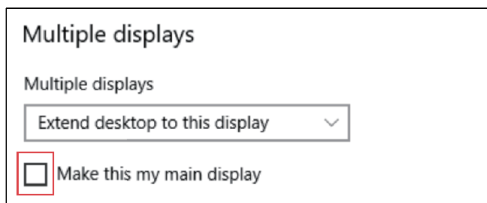**Q2. Why doesn't my third monitor display when I set the triple display mode?**

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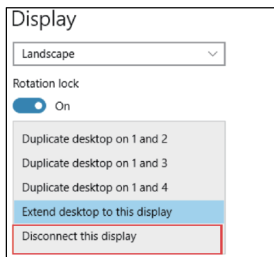2. Choose a monitor display and scroll down to "**Multiple displays**"

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.
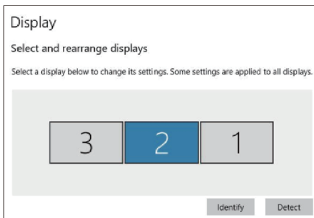
Step 3: Turn on the third monitor display
1. Choose the remaining monitor display then scroll down to "**Multiple displays**"
2. Select "**Extend desktop to this display**" to enable this display.
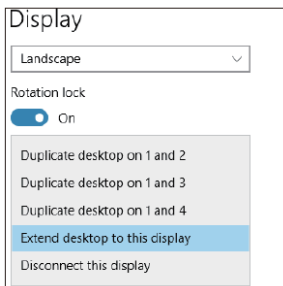
Q3. Why are my 2K and 4K monitor display abnormal when I set dual or triple display mode?

A3. The resolution of some branded monitors can not 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**".

Customize your display

1   2

Identify   Detect

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

Orientation

Landscape

Multiple displays

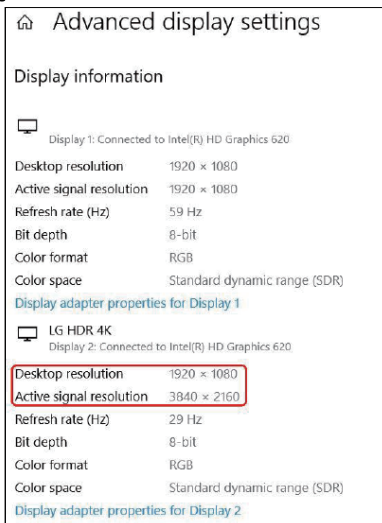Extend these displays

☐ Make this my main display

Apply   Cancel

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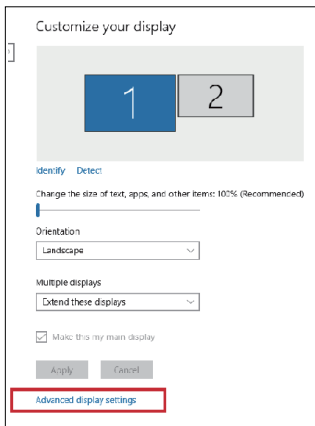
3. Check if resolution values of each monitor on "**Desktop resolution**" and "**Active signal resolution**" are the same.

⌂ 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

4. Click on "**Display adapter properties for Display 2**" and lower the resolution to the right value if two values are different.
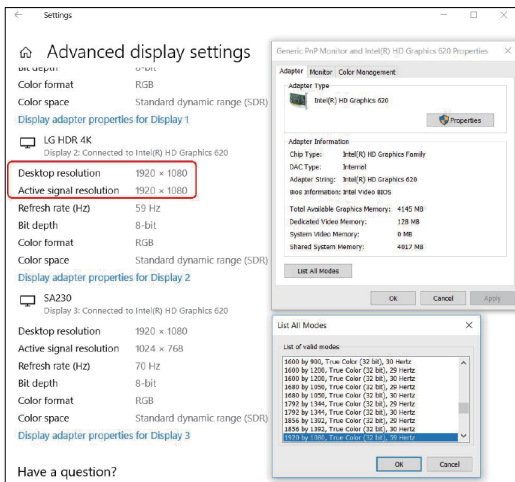
Q4. Why does it show "slow charging" on my laptop?

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.

Q5. Why does this Docking power off and reconnect after the PD power supply is unplugged?

A5. When this Docking switches the power supply from the original PD to the computer power supply, there will be a long delay on the computer that does not support fast switching, resulting in power outage and reconnection on this Docking due to insufficient power supply.

Q6. What is HBR?

A6. HBR (High Bit Rate) indicates the ability to display bandwidth.

Q7. My Laptop/PC supports PD and DP ALT MODE, why is it still not working properly?

A7. Please try to update the PC/Laptop's BIOS, Graphics Card and other Drivers to the latest version, or contact our Customer Service.

Need help?

We're here for you!

Online support: wavlink.com
Available Mon-Fri 8:30 am-5:30pm (UTC+8)

support@wavlink.com
Available Mon-Fri 8:30 am-5:30pm (UTC+8)

+1 8889730883 (US Local)
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