



see the world

Quick Start Guide

Quad 4K/ Dual 8K Universal Display
Adapter with PD 85W Upstream Charging



www.wavlink.com/en_us/WL-UG7501D-PD

Scan the QR code or load the link for Quick
Start Guide and Driver downloading



WAVLINK (@WavlinkOfficial)
WAVLINK SUPPORT (@WavlinkTechSupport)

WL-UG7501D-PD

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.

System Requirement

- Microsoft Windows 10/11
- Mac OS 11 or later
- Thunderbolt/USB 4/USB 3.1/USB 2.0

In the Box

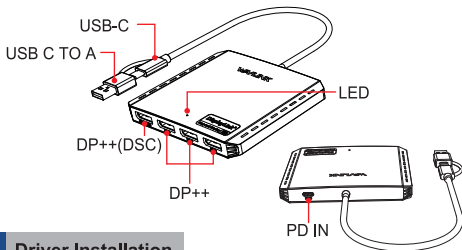
- 1 × Quad 4K/ Dual 8K Universal Display Adapter
- 1 × Quick Start Guide

Specification

- 4 × DP ports support dual 8K@60Hz or quad 4K@120Hz.
- 1 × USB-C/A 2-in-1 cable, easily connect to the host.
- 1 × USB-C 100W PD in charging to the laptop.

Note: If you need PD 85W charging for the host, please connect PD 100W power adapter (20V/5A) to PD IN of the universal display adapter.

Overview



Driver Installation

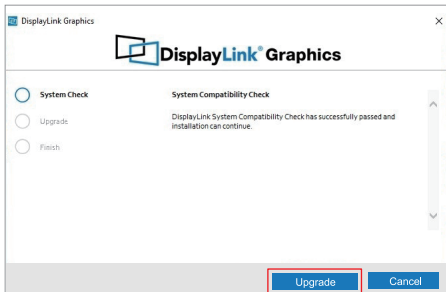
The Universal Display Adapter is based on DisplayLink USB graphics technology which manages the graphics function. It requires downloading and installing DisplayLink graphics driver to make it work, found here:

www.wavlink.com/en_us/WL-UG7501D-PD

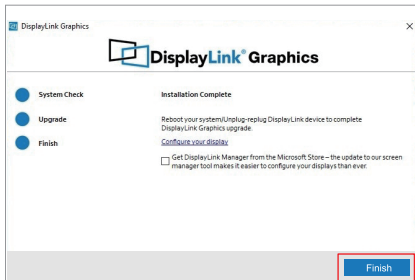
or www.displaylink.com

For Windows

1. Locate the downloaded folder and double-click the driver file you just downloaded.
2. If there is no DisplayLink Driver in your Windows computer, open the file and then follow guide to install the Driver; If your Windows host has ever installed the Driver, open the file and then click **Upgrade**.

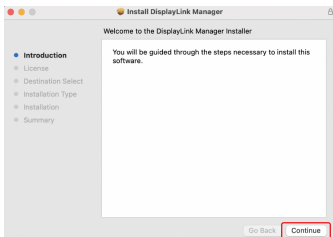


3. Please wait patiently for the complete of the installation. After finishing installation, click **Finish**.

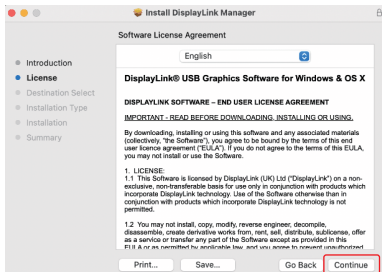


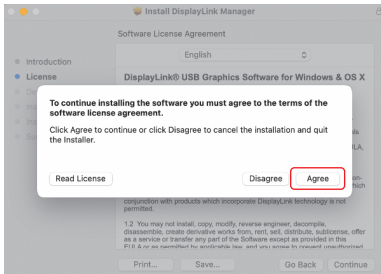
For Mac

1. Double-click the driver file you just downloaded, navigate to the **Install DisplayLink Manager** window, click **Continue**.

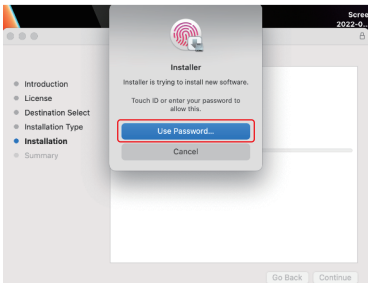


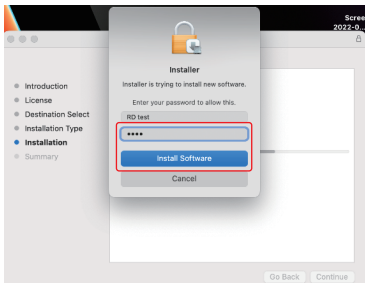
2. Click **Continue** to the next window, then click **Agree**.



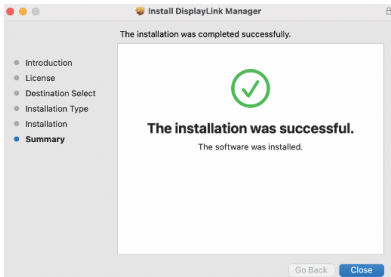


3. Click **Install** and choose **Use Password...**, then enter the screen password and click **Install Software**.

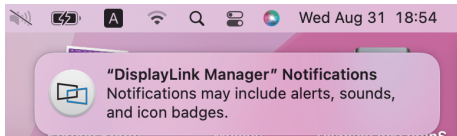




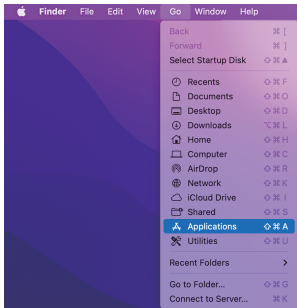
4. Please wait patiently for the installation to complete, then click **Close**.

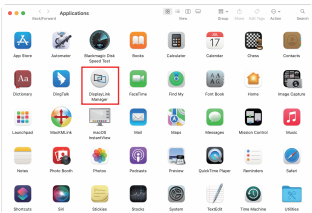


5. If you have enabled notifications from DisplayLink Manager, it will remind you to allow screen recording when it detects that this permission is missing.

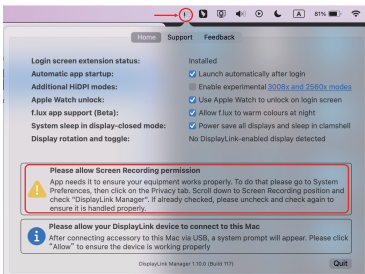


6. If you didn't get the notification from **DisplayLink Manager**, please click **Go** in the function bar at the top left of screen, then select **Applications** and click **DisplayLink Manager**.

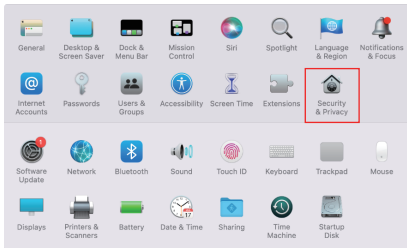
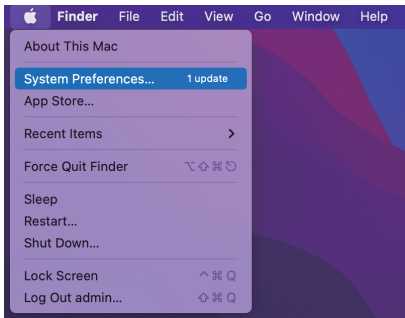





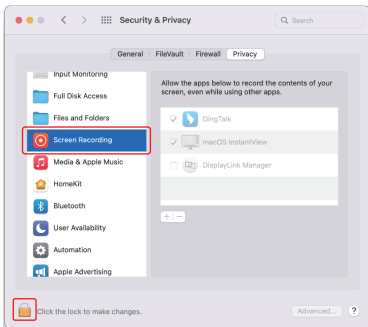
7. Click the **DisplayLink Graphics** icon in the function bar at the top right of the screen, and the notification will also appear in the DisplayLink Manager window. A warning is found here, you should allow the screen recording permission for **DisplayLink Manager**.



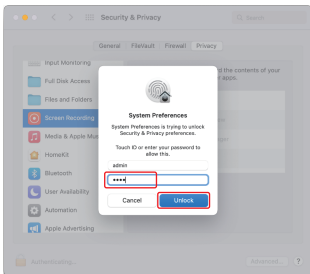
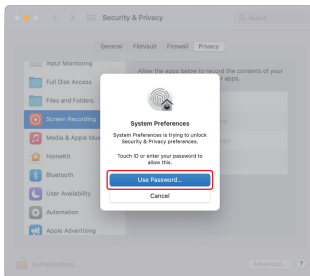
8. Click the **Apple** icon→**System Preferences**, then double click **Security & Privacy**.



9. Enable **Screen Recording** to allow the **DisplayLink Manager application** to capture pixels and send them to your USB peripheral:
- 9.1 Select **Screen Recording** in **Privacy** tab.
- 9.2 Click the  icon at the bottom left of the window to unlock.

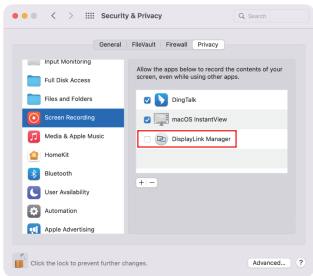


10. When the small window pops up, choose a password or use your fingerprint to unlock.
- 10.1 If you use password to unlock, and click **Use Password**, then enter your password and choose **Unlock**.

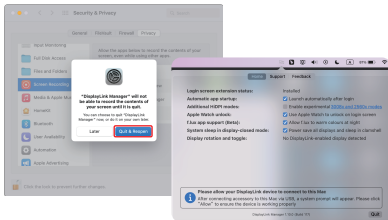


10.2 If you use fingerprint to unlock, it will jump directly to the next step.

11. Check the **DisplayLink Manager** in the right list.



12. Click **Quit & Reopen** to restart the driver, then you can click the **DisplayLink Graphics** icon in the function bar at the top right of the screen to ensure whether the warning has been lifted and whether the driver can work properly.



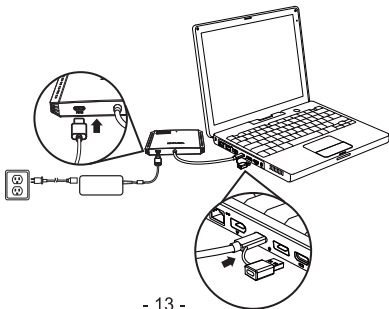
Connecting to the Universal Display Adapter

Connecting to the Host

1. Connect the USB-C port or USB C to A to the corresponding port on your laptop.
2. If you need to charge your laptop, please plug one end of the Power Adapter into the PD IN port on the Universal Display Adapter and plug the other end of the Power Adapter into a Power Outlet. It supports up to 85W fast charge.

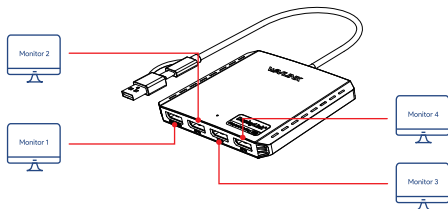
Note: If you connect USB C to A to your laptop, it doesn't support power delivery.

If the power of the USB port of the computer is insufficient, the product may not work normally. You can connect the PD power adapter to the PD IN port to supply power, then it can work normally.



Connecting to the Monitors

This Universal Display Adapter can connect up to four monitors.



Item	DP++(DSC)	DP++	DP++	DP++
Single Display	7680×4320@60Hz or 3840×2160@144Hz	/	/	/
	/	7680×4320@60Hz or 3840×2160@120Hz	/	/
	/	/	7680×4320@60Hz or 3840×2160@120Hz	/
	/	/	/	7680×4320@60Hz or 3840×2160@120Hz
Dual Display	7680×4320@60Hz	7680×4320@60Hz	/	/
	7680×4320@60Hz	/	7680×4320@60Hz	/
	7680×4320@60Hz	/	/	7680×4320@60Hz
	/	7680×4320@60Hz	7680×4320@60Hz	/
	/	7680×4320@60Hz	/	7680×4320@60Hz
Triple Display	7680×4320@60Hz	3840×2160@120Hz	3840×2160@120Hz	/
	7680×4320@60Hz	3840×2160@120Hz	/	3840×2160@120Hz
	7680×4320@60Hz	/	3840×2160@120Hz	3840×2160@120Hz
	/	7680×4320@60Hz	3840×2160@120Hz	3840×2160@120Hz
	/	3840×2160@120Hz	7680×4320@60Hz	3840×2160@120Hz
Quad Display	/	3840×2160@120Hz	3840×2160@120Hz	7680×4320@60Hz
	3840×2160@144Hz	3840×2160@120Hz	3840×2160@120Hz	3840×2160@120Hz

Note:

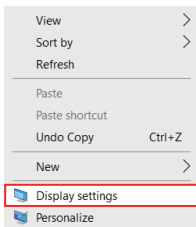
- * The resolution and refresh rate provided above are based on factory testing and is the maximum value from USB3.1 Gen2 10Gbps port of the host, and may vary depending on the specification of the host and monitors such as the USB port for data transferring, GPU/CPU, software/hardware and so on.
- * For interfaces that do not support DSC in DisplayPort++, 7680*4320@60Hz can only be achieved when the output signal is set to YUV 4:2:0 and HDR mode is disabled.

Display Mode Settings

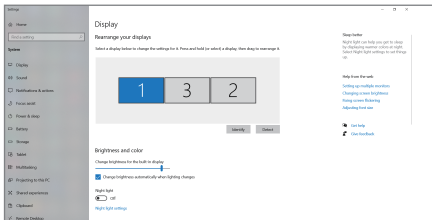
Before configuring the settings, please make sure this Universal Display Adapter has been connected to your laptop and monitors correctly.

For Windows

1. Right-click → Display settings.

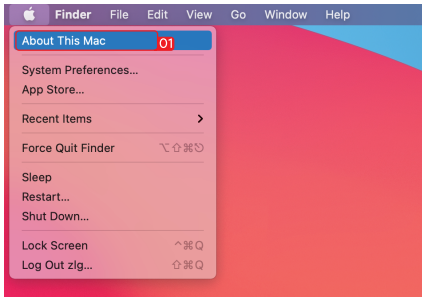


2. In **"Display"**, you can enjoy different operations of duplicating, extending and rotating on your monitors.

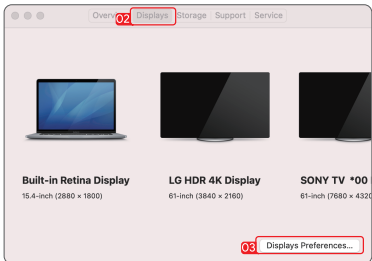


For Mac OS X12 or Below

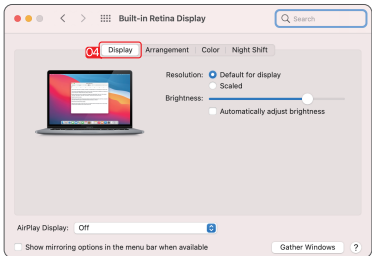
1. Click Apple icon → About This Mac.



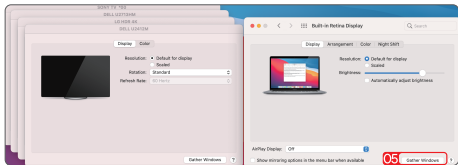
2. Click Displays → Displays Preferences.



3. Select “Display” from the list, then you can enjoy different operations of mirroring, expanding and rotating on your monitors.

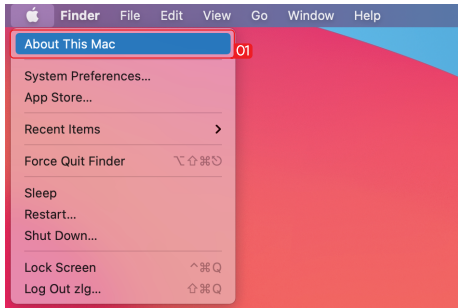


4. Or click **“Gather Windows”** to gather all connected displays and make separate settings.

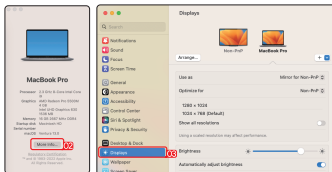


For Mac OS X13

1. Click Apple icon → About This Mac.



2. Click **"More Info..."**
3. Select **"Displays"** from the list, then you can enjoy different operations of mirroring, expanding and rotating on your monitors.



Q&A

Q1. Why does the App want to record my screen when I install the App for my Macbook?

A1. Mac OS requires users to permit "Screen Recording" for the DisplayLink driver to work properly. But the DisplayLink Manager will not send any information to the Wavlink and the Displaylink/Synaptics. Please do not worry about that.

Q2. Why can't the Apple TV, Hulu, and Netflix play when the Universal Display Adapter is connected?

A2. The Universal Display Adapter could not support HDCP, so protected content such as Apple TV, Hulu, and Netflix can't play when the Universal Display Adapter is connected. Please disconnect it when you are playing these videos. Or you could also try to use the Chrome browser to watch these videos and disable the Hardware Acceleration.

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)

Mon-Fri 9:00 am - 10:00 pm (UTC-5)

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