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QUICK START GUIDE

Thunderbolt™ 4 Quad Display Docking Station

https://www.wavlink.com/en_us/ThunderDock-Quattuor-Pro

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

WAVLINK (@WavlinkOfficial)
WAVLINK SUPPORT (@WavlinkTechSupport)

ThunderDock Quattuor Pro

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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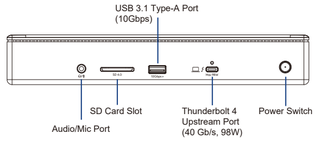
WEEE Directive & Product Disposal

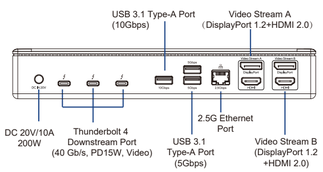
At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Overview

Front View



Rear View



Introduction

The Thunderbolt™ 4 Dock shows an advanced, efficient, and versatile solution that supports data and video transfer at speeds of up to 40Gbps. Its multiple ports enable you to easily connect your devices, such as Thunderbolt™ compatible devices and other USB devices. It also provides charging for your USB-C laptops at a maximum output of 98W and allows your monitor to output single-channel 8K@30Hz or quad-channel 4K@60Hz video.

Features

-Two video stream support dual 4K@60Hz display. One video stream can only choose one. Three TBT4 downstream ports support single 8K@30Hz, and dual 4K@60Hz display. Two video stream combined with any two downstream TBT4 ports can work for four 4K@60Hz video output.
-One RJ45 port supports 2.5G Ethernet, and backward compatible with 1000/100/10Mbps network.
-Two USB 3.1 Type-A ports data transfer speed up to 10Gbps. Two USB 3.1 Type-A ports data transfer speed up to 5Gbps.
-One integrated SD V4.0 Card Reader with SD slot supports UHS-II theoretical bus speed up to 312MB/s, and is also backward compatible with SDXC, SDHC, and standard SD cards.
-One 3.5mm Audio/Mic interface supports CTIA/OTMP headphones and MIC.
-One Kensington lock prevents theft of the device and its data.

System Requirement

-PC with Thunderbolt™ 4 Windows* 10/11
-Mac with Thunderbolt™ 3 Mac OS* 11 or later

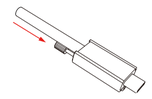
In the Box

1x Thunderbolt™ 4 Quad Display Docking Station
1x 0.8M Thunderbolt™ 4 Cable
1x Cable Holder
1x 200W Power Adapter
1x Quick Start Guide

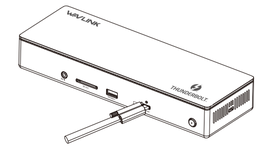
Cable Holder Connection

The cable holder is designed to tighten the Thunderbolt™ 4 cable for the upstream Thunderbolt™ 4 port. If you are worried that the Thunderbolt™ 4 cable might loosen, please follow the following steps to install the cable holder to the dock.

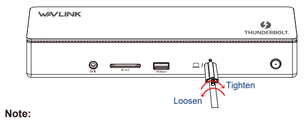
1. Insert the cable into the cable holder according to the arrow direction.



2. Align the bolt with the fixing hole, then please connect it to the upstream Thunderbolt™ 4 port.



3. Fasten the bolt and fix the connectivity between the cable and the dock. Tighten the screw clockwise when you are assembling it. Please loosen the screw counterclockwise if you need to disassemble it.



Note:
The Thunderbolt™ 4 (host) port provides maximum 98W power charging for your laptop.
The Cable Holder just is only used for fixing the cable to prevent accidental touch and loosening. After assembling it, please do not pull it hard to avoid damage to the interface. Please follow the above instructions if you need to disassemble it.

Driver Installation

Before using this docking station, please enter the www.wavlink.com/en_us/ThunderDock-Quattuor-Pro or visit www.wavlink.com and click SUPPORT>Driver to find and download the corresponding driver for this docking station and install it as the following steps:

Ⅰ Displaylink Driver

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, click **Intall** and follow the guide to install the Driver; If your Windows host has ever installed the Driver, open the file and then click **Upgrade**.

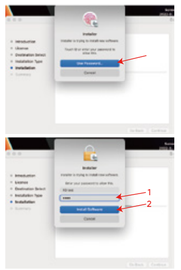
3. Please wait patiently for the complete of the installation. After finishing installation, click **Finish**.

For Mac

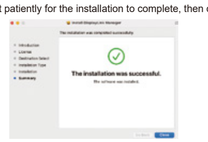
1. Double-click the driver file you just downloaded, navigate to the **Install DisplayLink Manager** window, click **Continue**.

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

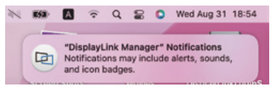
3. Click **Install** and choose **Use Password**..., then enter the screen password and click **Install Software**.



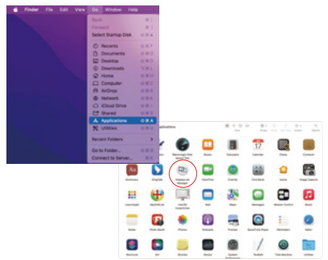
4. Please wait patiently for the installation to complete, then click **Close**.



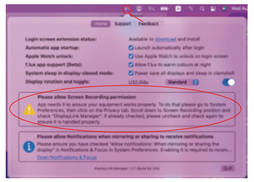
5. If you have enabled notifications from DisplayLink Manager, it will remind you to allow screen recording when it detects that this permission is missing.



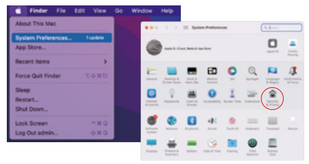
6. If you didn't get the notification from **DisplayLink Manager**, please click **Go** in the function bar at the top left of screen, then select **Applications** and click **DisplayLink Manager**.



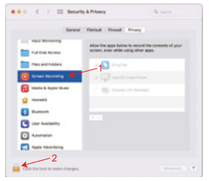
7. Click the **DisplayLink Graphics** icon in the function bar at the top right of the screen, and the notification will also appear in the DisplayLink Manager window. A warning is found here, you should allow the screen recording permission for **DisplayLink Manager**.



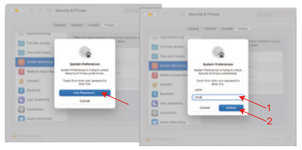
8. Click the **Apple** icon->**System Preferences**, then double click **Security & Privacy**.



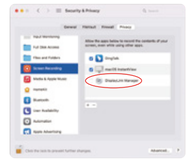
9. Enable **Screen Recording** to allow the **DisplayLink Manager application** to capture pixels and send them to your USB peripheral:
9.1 Select **Screen Recording** in **Privacy** tab.
9.2 Click the 🔒 icon at the bottom left of the window to unlock.



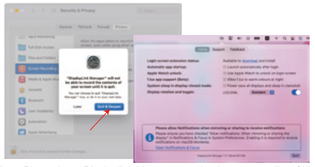
10. When the small window pops up, choose a password or use your fingerprint to unlock.
10.1 If you use password to unlock, and click **Use Password**, then enter your password and choose **Unlock**.



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.



Note: Please keep Displaylink Manager running in programs list of Mac OS so that the HDMI and DP port of the Dock can display properly.

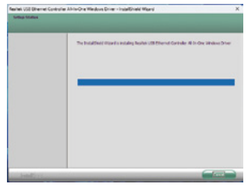
Ⅱ RealTek Network Driver Installation

For Windows

1. Locate the downloaded folder and unzip the file to the desktop, please select **Yes** if your computer asks your permission, then double-click the Driver icon on the desktop.

2. Click **Next** to continue the installation process.

3. Select **Install** to begin the installation. If you want to review or change any of your installation settings, dick **Back** or **Cancel** to exit the wizard.

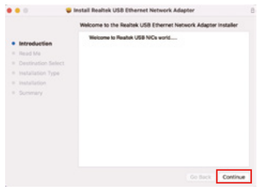


4. After the Driver is successfully installed, select **Finish** to exit the wizard.

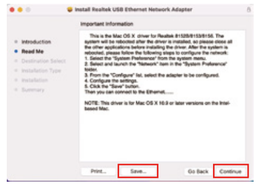
For Mac OS

1. Locate the downloaded folder and double click the icon on the desktop.
2. Double-click the icon to open the file.

3. Navigate to the wizard window, and click **Continue** to the next step.



4. Read the Important Information carefully and click **Save**, then click **Continue**.

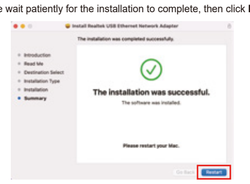


5. Click **Install** to perform a standard installation of this Network Adapter.

6. Select **Use Password** or use Touch **ID** to allow the software installation.

7. Select **Install Software** after entering the screen password.

8. Please wait patiently for the installation to complete, then click **Restart**.

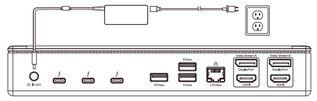


9. Please restart your Mac.

Monitor Connection

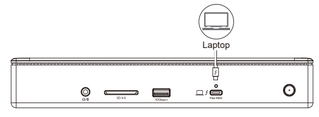
I. Power on Your Dock

1. Plug one end of the included Power Adapter into this Thunderbolt™ 4 Dock's DC IN 20V port and the other end into the power outlet.
2. Press the Power Switch, then the Dock will automatically turns on after powering on.



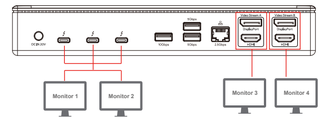
II. Connecting to the Host

Connect the Thunderbolt™ 4 upstream port via the provided Thunderbolt™ 4 cable to your laptop, this Thundercolt™ 4 cable will charge your laptop at the maximum charging of 98W. Then press the Power Switch to turn on the power of the Dock, the Power Indicator Light is green to indicate that the host is successfully connected, and the power indicator is red to indicate that the host is not connected.



III. Connecting Monitor to the Dock

This Thunderbolt™ 4 dock can connect up to 4 displays.



Single Display	Dual Display	Triple Display	Quad Display
7680*4320(8K) @30Hz	4096*2160(4K) @60Hz	4096*2160(4K) @60Hz	4096*2160(4K) @60Hz

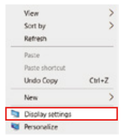
Note:
*Those Three Thunderbolt™ 4 downstream ports can just expand up to 2 monitors.
*In Video Stream A and Video Stream B, DisplayPort and HDMI port cannot be used simultaneously, thus, you can only use one port in each video stream group.
*For MAC using Apple M1 chip, three Thunderbolt 4 downstream ports will have only one video output, but the HDMI/DP will work properly.

Display Settings

Before configuring the settings, please make sure this docking station has been connected to your laptop and monitors correctly.

For Windows

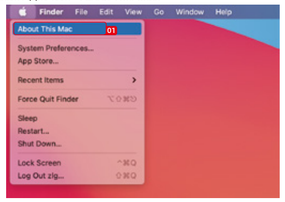
1. Right-click->**Display settings**.



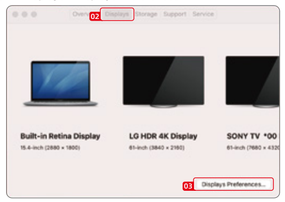
2. In "**Display**", you can enjoy different operations of duplicating, extending and rotating on your monitors.

For Mac OS X12 or Below

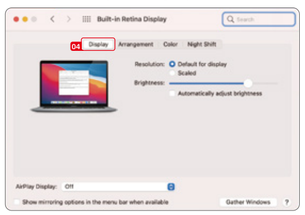
1. Click Apple icon->**About This Mac**.



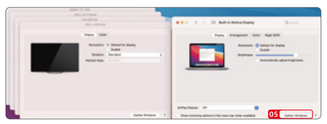
2. Click **Displays**->**Displays Preferences**.



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

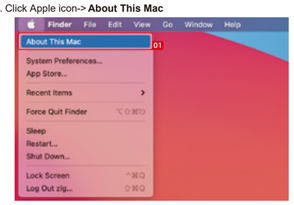


4. Or click "**Gather Windows**" to gather all connected displays and make separate settings.



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.

FAQ

Q1: Why is this Thunderbolt 4 dock not working properly on my Thunderbolt 3 Windows computer?
A1: Thunderbolt 4 technology is a relatively new innovation, it may have some issues about compability if TBT 4 devices were used in Thunderbolt 3 hosts. It is recommended to use the recommended configuration simultaneously while using this TBT 4 Dock, and it will work properly in common MFDP hosts, but only one of the Thunderbolt downstream ports will have video output.

Q2: Why can't the Thunderbolt downstream ports of this Dock reach 8K resolution when the TBT 4 Dock works with my computer?
A2: This TBT4 Dock can reach up to 8K resolution, and the resolution and refresh rate of the Dock's Thunderbolt downstream ports depends on the graphics card capability of your computer.

Q3: Why does the Thunderbolt downstream ports just support one video output when the TBT 4 Dock works with my computer?
A3: That's because every computer has different hardware and software design. For example, some computers such as TBT 3 computers, M1 Apple MAC, and MFDP computers, their Thunderbolt interfaces only support one video stream output.

Q4: Why does my dock get hot when I use it?
A4: This is what it's supposed to be like when the dock is working, and we suggest that you put the dock in a relatively open area for a better heat dissipation.

Q5: Why is there no display after I connect the dock to the USB-C port of my laptop?
A5: You should make sure that your computer supports Thunderbolt 3/4 technology, and that the configuration of your computer such as the Driver, BIOS has been the latest version.

Q6: What should I do if the dock cannot deliver power to my host laptop?
A6: Please make sure that your laptop supports USB-C power delivery.

Q7: Why can't I extend my display monitors?
A7: Please make sure your dock has been recognized in "**task management**" and make sure you have installed the latest drivers.

Thank you for purchasing
WAVLINK product!

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