

## Triple video docking station for laptops

USB3DOCKH2DP



\*actual product may vary from photos

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FR: Guide de l'utilisateur - [fr.startech.com](http://fr.startech.com)

ES: Guía del usuario - [es.startech.com](http://es.startech.com)

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For the latest information, technical specifications, and support for this product, please visit [www.startech.com/USB3DOCKH2DP](http://www.startech.com/USB3DOCKH2DP)

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

## Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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# Introduction

## Packaging contents

- 1x triple video laptop docking station
- 1x USB 3.0 host cable
- 1x universal power adapter (NA/EU/UK/AU)
- 1x instruction manual

## System requirements

- USB-enabled host computer system with an available USB 3.0 port
- Available AC electrical outlet
- DisplayPort™ and HDMI® enabled display(s) with cables as desired (for additional external displays)
- Windows® 7 (32-bit and 64-bit)
- Windows 8 (32-bit and 64-bit)
- Windows 8.1 (32-bit and 64-bit)
- Mac OS®10.8 and later (tested up to 10.10)

**Note:** If you connect the docking station to a USB 2.0 host port or if you use a USB 2.0 host connection cable, performance may be limited.

Operating system requirements are subject to change. For the latest requirements, please visit [www.startech.com/USB3DOCKH2DP](http://www.startech.com/USB3DOCKH2DP)

# Product diagram

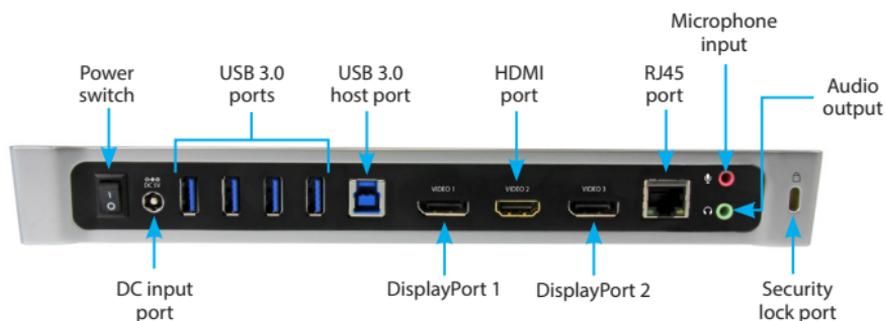
## Front view



3.5mm TRRS headset port  
(audio and microphone)

USB 3.0 fast-charge and  
sync port

## Rear view



Power  
switch

USB 3.0  
ports

USB 3.0  
host port

HDMI  
port

Microphone  
input

RJ45  
port

Audio  
output

DC input  
port

DisplayPort 1

DisplayPort 2

Security  
lock port

# About USB 3.0 and USB 3.1 Gen 1

USB 3.0 is also known as USB 3.1 Gen 1. This connectivity standard offers speeds up to 5 Gbps.

## About installation

Depending on the version of operating system that you're currently running and whether your network connection is active, the docking station might install automatically or download the proper drivers when the dock is connected to an available USB port on the host system.

If you receive a prompt to automatically install the driver, complete the on-screen instructions to complete the installation.

## Install the driver

1. On your computer, use a web browser to navigate to <http://www.startech.com/USB3DOCKH2DP>.
2. Click the **Support** tab.
3. Click the driver file and complete the on-screen instructions to download the file.
4. Browse to the location of the driver file that you downloaded and do one of the following:

If the operating system that you're using is a version of Windows, run the **DisplayLink "exe"** install file.

If the operating system that you're using is a version of Mac OS, run the **DisplayLink "dmg"** install file.

5. Follow any on-screen instructions to complete the driver installation process.

**Note:** You may be asked to restart your host laptop(s) to complete the installation.

## Install the hardware

1. Select the appropriate regional clip for your region and connect the power adapter to an AC electrical outlet.
2. Connect the power adapter to the DC input on the docking station.
3. Attach the provided USB 3.0 cable to the USB 3.0 port on the docking station and then to an available USB 3.0 port on the host laptop.
5. Connect your DisplayPort and/or HDMI displays to the corresponding ports on the docking station.
6. As necessary, connect any other devices to the docking station, including an RJ45 network connection, USB peripherals, a headset, speakers, or microphones.

# About the docking station ports

The four USB ports located at the back of the docking station are standard USB 3.0 throughput ports. When the docking station is connected to a host laptop, these ports provide a trickle charge to a selection of devices.

The side USB 3.0 port is compliant with Battery Charging Specification Revision 1.2 (BC 1.2), which means that you can use the port to connect and charge a device faster than a traditional standard USB 3.0 port.

This side USB 3.0 port can fast-charge a connected device, even when the docking station isn't connected to a host laptop. When the docking station is connected to a host laptop, the side USB 3.0 port functions as a Charging Downstream Port (CDP), which has simultaneous charge and sync capabilities.

## Charge a device

If you're only using the side USB 3.0 port to charge a device, a connection to a host laptop isn't required.

- To charge a device, connect a device to the USB 3.0 port located on the side of the docking station.

**Note:** The side USB 3.0 port can only fast-charge connected devices that comply to USB Battery Charging Specification Revision 1.2.

## Charge an iPad with a 30-pin dock connector

The following steps only apply to an iPad with a 30-pin connector. An iPad that uses a Lightning connector can be charged using the USB port located on the side of the docking station.

1. Make sure that the host laptops are not connected to the docking station.
2. Connect the iPad to the USB 3.0 port located on the side of the docking station.

**Note:** If you connect a host laptop to the docking station while you're charging a first-generation iPad, the iPad will switch to data sync mode and stop charging. To switch back to charging mode, disconnect the host laptop and the iPad from the docking station. Then connect the iPad to the docking station again.

## Configure a display device

### Use DisplayLink to configure a display device

1. Connect a display device (monitor, projector, and so on) to the docking station.
2. If necessary, to display all of the available icons, click the **Show hidden icons** arrow

on the toolbar.

3. Click the **DisplayLink** icon.
4. Click StarTech **USB3DOCKH2DP**.
5. In the drop-down list, click a configurable option.

Each display is configured independently from all of the connected displays.

**Note:** If you're using a computer that's running Windows 7 or Windows 8, you can also adjust a display device on the **Display Settings** screen.

## About the display options

The following information describes the display configurations available using the DisplayLink utility.

### Extend

Select this option to display an extension of your active Windows desktop on the display that's connected to the docking station. When you select this option, you can view more applications or documents at the same time. The display is extended in the direction it was the last time that the display was in Extend mode.

For more control, click **Extend To** and select one of the options. This puts the display into Extend mode, and places the display to the right or left, above, or below the primary display.

### Mirror

Select this option to display a duplication of the primary display on the display that's connected to the docking station. The resolution, color depth, and refresh rate of the primary display are replicated on the connected display.

**Note:** When the connected monitor uses a different specification than the primary display, the system's primary graphics adapter scales all of the settings to a lower specification to maintain a uniform aspect ratio.

### Extend To

Select this option to specify the physical location of the display that's connected to the docking station in relation to the system's primary monitor.

### Screen Resolution

Select this option to change the resolution on the display that's connected to the docking station.

### Screen Rotation

Select this option to change the orientation in which the screen is viewed. The two most common orientation types are portrait and landscape.

## Set as Main Monitor

Select this option to specify the display that's connected to the docking station as the primary display. The primary display shows all of the system notifications, and takes priority with applications.

## Off

Select this option to disable the display that's connected to the docking station.

## Use Mac OS to configure a display device

If you're using a computer that's running a version of Mac OS, you can adjust a display device in the **Displays** section of the **Mac System Preferences** menu.

## Use Mac OS to change the display mode

By default, the docking station will be set up as an extended display.

- Do one of the following:
  - To change the display to **Mirror** mode, on the **Arrangement** screen on a display, select the **Mirror Display** check box.
  - To change the display to **Extend** mode, on the **Arrangement** screen on a display, clear the **Mirror Display** check box.
  - To use **Extended** and **Mirror** modes simultaneously, clear the **Mirror Display** check box. On the **Arrangement** screen, press and hold **Cmd + Alt**, and then drag and drop the display that you want to mirror over the primary display (indicated with a white bar). Repeat this step for all of the displays that you want to mirror.

## Use Mac OS to change the primary display

Changing the primary display affects where new windows appear.

- To change which of the connected displays is the primary display, on the current primary display, click the white menu bar and drag it to the display that you wish to make the primary one.

# Supported video resolutions

The docking station supports approximately 4K video resolutions on DisplayPort 1 video output.

4K (3840x2160) resolutions can be achieved if the connected DisplayPort display offers 4K support.

See the video resolution chart below for specific configurations and supported resolutions:

Video Output	Max DisplayPort Resolution – Port 1	Max DisplayPort Resolution – Port 2	Max HDMI Resolution
DisplayPort 1 Only (Single Display)	3840x2160p (4K) 2560x1600p 2560x1440p	N/A	N/A
DisplayPort 2 Only (Single Display)	N/A	2560x1600p	N/A
HDMI Only (Single Display)	N/A	N/A	2560x1440p
DisplayPort 1 and HDMI (Two Displays)	3840x2160p (4K)	N/A	2560x1440p
DisplayPort 2 and HDMI (Two Displays)	N/A	2048x1152p	2048x1152p
DisplayPort 1 and DisplayPort 2 (Two Displays)	3840x2160p (4K)	2560x1600p	N/A
All Displays (DisplayPort 1, DisplayPort 2, HDMI)	3840x2160p (4K)	2048x1152p	2048x1152p

**Note:** Depending on the configuration and the supported resolutions of your connected monitors, the docking station may support video resolutions lower than those specified above.

# Technical support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit [www.startech.com/support](http://www.startech.com/support) and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

# Warranty information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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