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USB-C Docking Station for Laptops
4K HDMI - Power Delivery - USB 3.0

DK30CHDPD
DK30CHDPDUE

*actual product may vary from photos

FR: Guide de l'utilisateur - fr.startech.com
DE: Bedienungsanleitung - de.startech.com
ES: Guía del usuario - es.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com
IT: Guida per l'uso - it.startech.com

For the latest information, technical specifications, and support for
this product, please visit www.StarTech.com/

Manual Revision: 01/08/2018

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

Package contents

- 1x docking station
- 1x USB-C cable
- 1x universal power adapter (NA/JP, ANZ for DK30CHDPD)
                                        or (EU, UK for DK30CHDPDUE)
- 1x quick-start guide

Requirements

- Host laptop with an available USB-C™ port (to ensure full docking station functionality, the host USB-C port must support USB Power Delivery and DP Alt Mode)

Note: The docking station can still connect to a host laptop with a USB-C port that doesn't support USB Power Delivery (must still support DP Alt Mode). In this configuration, the docking station will not provide power to your host laptop.

- An AC electrical outlet
- An HDMI® display with cables as needed
- A 4K-capable display is required to achieve 4K resolution (also known as 4K x 2K)
- Any of the following operating systems:
  Microsoft Windows® 10 (32 or 64-bit)
  Microsoft Windows 8 / 8.1 (32 or 64-bit)
  Microsoft Windows 7 (32 or 64-bit)
  macOS High Sierra (10.13)
  macOS Sierra (10.12)
  macOS El Capitan (10.11)

- Operating system requirements are subject to change. For the latest requirements, please visit: www.StarTech.com/DK30CHDPD
   www.StarTech.com/DK30CHDPDUE

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Product diagram

Front view

3.5 mm
headset port

Power button

USB 3.0 Fast
charge port
(5Gbps). (Battery
Charge 1.2

Back view

USB 3.0 ports

Gigabit RJ45
port

HDMI video
port

DC 20V
power input
port
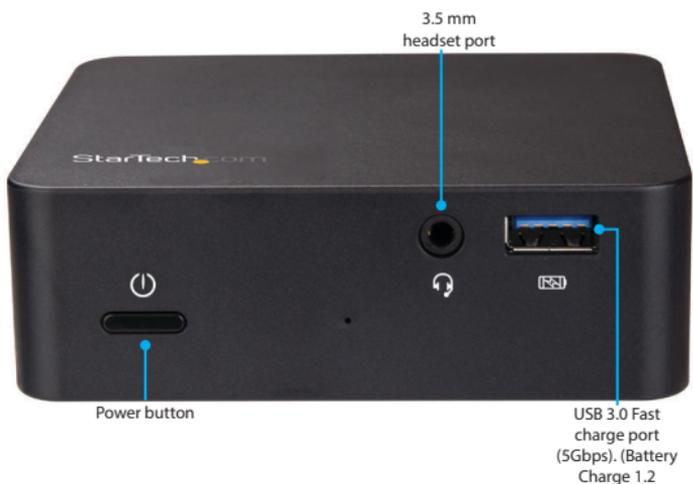
USB-C host
laptop
port*
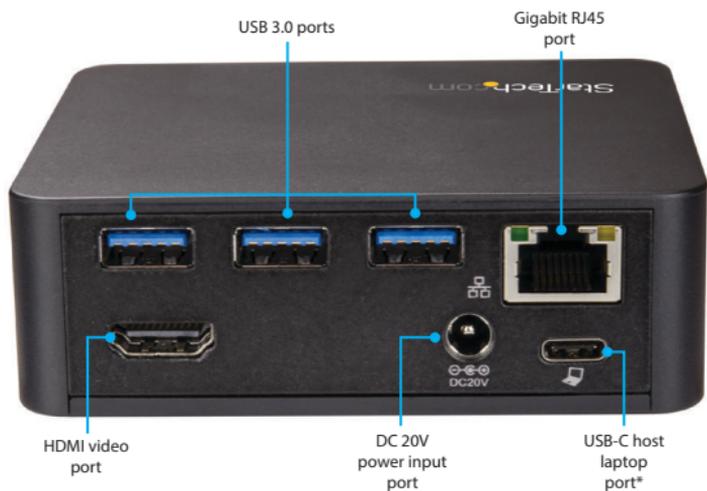
*USB-C host laptop port connects to your computer only (supports connection of laptop to computer for data, DP Alt Mode and USB Power Delivery.)

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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 5Gbps. Any mention of USB 3.0 in this manual or on the StarTech.com website for DK30CHDPD and DK30CHDPDUE refers to the 5Gbps USB 3.1 Gen 1 standard.

About USB-C

Not all USB-C ports support the full functionality of the USB Type-C standard. Some ports might only provide data transfers, but might not support video or USB Power Delivery.

To use this docking station to its full potential, ensure that the host USB-C port from your computer supports DP Alt Mode, as well as USB Power Delivery.

About the docking station ports

The three available USB ports located on the back of the docking station (3x USB-A) are standard USB 3.0 throughput ports. When the docking station is connected to a host laptop, these ports provide a standard USB 3.0 power output to power or charge your devices.

The Battery Charge 1.2 compatible Fast Charge USB 3.0 port on the front panel of the docking station is compliant with USB Battery Charging Specification Revision 1.2 (BC1.2), which means that you can use the port to connect and charge a device faster than you can using a standard USB port. This front USB port can charge a connected device, even when the docking station isn't connected to a laptop. When the docking station is connected to a laptop, the front USB 3.0 port functions as a Charging Downstream Port (CDP), which has simultaneous charge and sync capabilities.

The provided power adapter must always be connected to the docking station in order to charge a device using the Battery Charge 1.2 compatible USB 3.0 Type-A port. It can only fast-charge devices that comply with USB Battery Charging Specification Revision 1.2.

Install the docking station

The docking station will automatically install the required drivers when it's connected to your laptop's USB-C port. If you receive a prompt to automatically install the driver(s), follow the on-screen instructions to complete the installation.

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Power the docking station and your laptop

When the docking station is plugged in and powered, you can use USB Power Delivery to power and charge your laptop through its USB-C port. The docking station cannot receive power from the host laptop, therefore it must always be connected to the power adapter.

1. Select the appropriate power cord for your region and connect it to the power adapter.

2. Connect the power adapter to an AC electrical outlet and then to the docking station's DC 20V power input port.

3. Connect the provided USB-C cable to a USB-C port on your host laptop and to the USB-C host port on the docking station. Both the docking station and your connected laptop should now be receiving power.

Notes:

- By default, the docking station power button will be powered on, as soon as the docking staiton is connected to a power source. If the docking station has been powered off, press the power button to turn the docking station on.

- In order to power and charge your laptop, its USB-C port must support USB Power Delivery.

Connect your devices to the docking station

After completing the steps in the **Power the docking station** section:

1. Connect your devices to the appropriate ports on the docking station. Devices may include USB peripherals, headset, and tablets.

2. Connect your external display to the docking station's HDMI video port.

Notes:

- The docking station will automatically install any required drivers when it's connected to your laptop.

- Video output capabilities are dependent on the video card and hardware specifications of your connected host laptop. Some monitors will also limit the available resolution.

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Configure your display device

Use your Windows or Mac operating system to adjust display settings for your external HDMI display.

Supported video resolutions

The below table outlines the maximum resolutions available at each refresh rate, for the HDMI video port.

Number of displays	Display configuration	Maximum HDMI resolution
1	HDMI only	4096x2160 @ 24Hz
		3840x2160 @ 30Hz
		2560x1600 @60 Hz
		1920 x 1200 @ 60Hz

Notes:

- Lower resolutions are also supported at each specified refresh rate.

- Video output capabilities are dependent on the video card and hardware specifications of your host laptop.

- 2560 x 1600 resolution may not be available on certain legacy monitors.

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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** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty information

This product is backed by a three-year warranty.

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