

2-Port USB 3.0 Hub with USB Power Delivery - USB-C to 1x USB-A and 1x USB-C

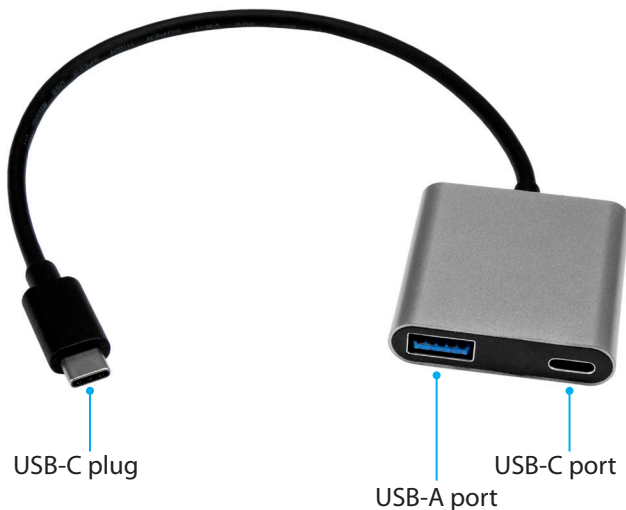
HB30C1A1CPD

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Introduction

You can connect the HB30C1A1CPD to the USB-C™ port on your laptop to add a USB-A and USB-C port to your system. The USB-C port on the hub supports both USB Power Delivery 2.0 and data transfer. The hub supports data transfer speeds up to 5Gbps.

Product diagram



*actual product may vary from photos

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 HB30C1A1CPD refers to the 5Gbps USB 3.1 Gen 1 standard.

Package contents

- 1 x USB 3.0 hub
- 1 x quick-start guide

Requirements

- A laptop with a USB-C port

If your laptop doesn't support USB Power Delivery 2.0, you can't use the hub to pass power through to your laptop.

USB Power Delivery 2.0 requirements

- A laptop with a USB-C port that supports Power Delivery 2.0
- A USB-C power adapter
- An AC electrical outlet

Not all USB-C ports support the full functionality of the USB Type-C™ standard. To use the hub to power and charge your laptop, make sure that the USB-C port on your laptop supports USB Power Delivery 2.0.

Requirements are subject to change. For the latest requirements, please visit www.StarTech.com/HB30C1A1CPD.

USB Power Delivery 2.0

USB Power Delivery 2.0 is a specification that allows power (up to 100 watts) to be sent over a USB-C or Thunderbolt™ 3 cable that supports the specification.

The HB30C1A1CPD supports USB Power Delivery 2.0 and will deliver up to 60 watts of power through the USB-C or Thunderbolt 3 port on your laptop.

About USB-C

The **USB-C port** on the hub supports USB Power Delivery 2.0 and can also be used for data throughput.

Thunderbolt 3 also uses the USB-C connector, so you can connect the adapter to a Thunderbolt 3 port. When you connect the adapter to a Thunderbolt 3 port, you can achieve USB speeds of 5Gbps.

Connect the hub

1. Connect the **USB-C plug** on the hub to a USB-C port on your laptop.
2. Connect a USB peripheral (for example, a flash drive) to the **USB-A port** on the hub.
3. Do one of the following:
 - To use power delivery, connect a USB-C power adapter to the **USB-C port** on the hub.
 - Connect a USB peripheral to the **USB-C port** on the hub.

The HB30C1A1CPD is natively supported and when you connect it to your laptop, your laptop automatically detects the hub and installs the required drivers.

Powering the hub

You can power the hub in the following ways:

- Bus power
- USB Power Delivery 2.0

If you use bus power to power the hub, it might not provide sufficient power to the connected peripherals. To make sure that your connected devices are detected and functional, you should use a USB-C power adapter (for example, your laptop USB-C power adapter) to power the hub.

Connect a USB-C power adapter

To use a USB-C power adapter to provide power to the hub, complete the following:

1. Make sure that the USB-C port on your laptop supports USB Power Delivery 2.0.
2. Connect the **USB-C plug** on the power adapter to the **USB-C port** on the hub.
3. Connect the power adapter to an AC electrical outlet.

The HB30C1A1CPD supports USB Power Delivery 2.0 and will deliver up to 60 watts of power through the USB-C or Thunderbolt 3 port on your laptop.

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.

WEEE Statement

The European Union has established regulations for the collection and recycling of all waste electrical and electronic equipment (WEEE). Implementation of WEEE regulations may vary slightly by individual EU member states. Please check with your local and state government guidelines for safe disposal and recycling or contact your national WEEE recycling agency for more information.

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)

Troubleshooting

I can't use the hub to charge my laptop

- To use the hub to power and charge your laptop, make sure that the USB-C port on your laptop supports USB Power Delivery 2.0.
- Some laptops require 60W or more to support USB Power Delivery 2.0. If your laptop requires 60W or more, you won't be able to use the USB Power Delivery 2.0 feature.

Not all USB-C ports support the full functionality of the USB Type-C standard. Some ports might only transfer data and some might not support USB Power Delivery 2.0. If the USB-C port on your laptop doesn't support USB Power Delivery 2.0, then you can't use the hub to pass power through to your laptop.

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 two-year warranty. 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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