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STARTECH US1GC303APD USB-C TO GBE ADAPTER

StarTech US1GC303APD USB-C to GbE Adapter Quick Start Guide

Contents

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StarTech US1GC303APD USB-C to GbE Adapter

USB-C to GbE Adapter with 3-Port Hub – PD Charging

US1GC303APD

Introduction

You can connect the US1GC303APD to the USB-C™ port on your laptop to add three USB 3.0 ports and one GbE port. When you use a USB-C-based power adapter (not included) with this network adapter, you can power and charge your laptop using USB Power Delivery 2.0.

Product diagram
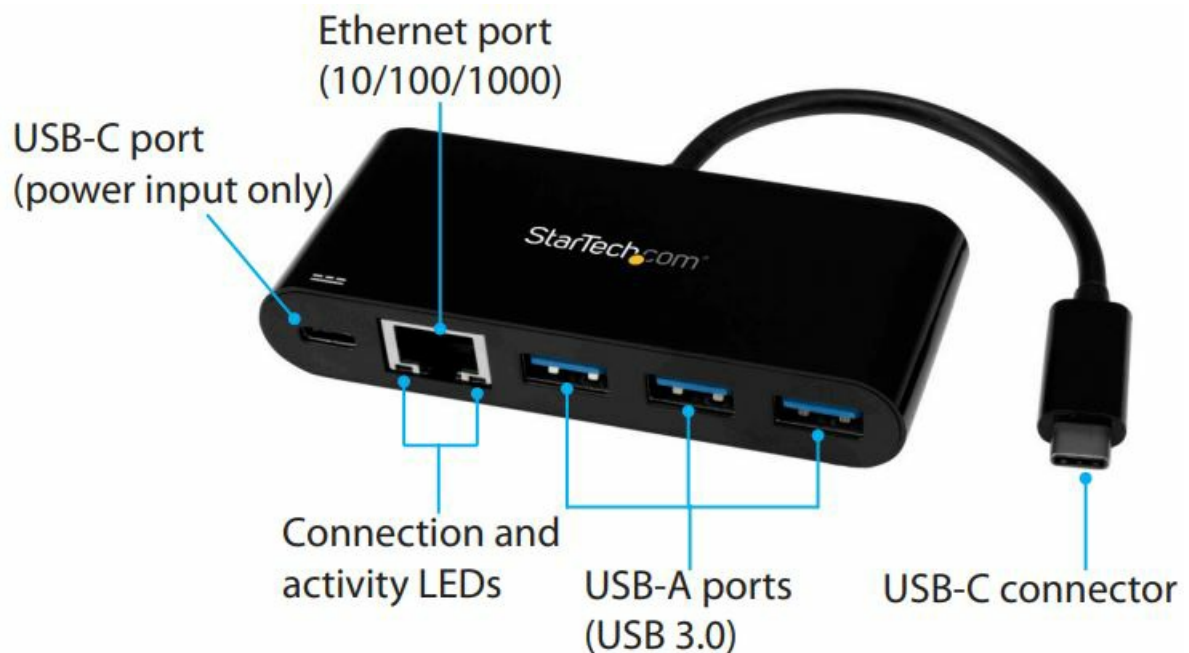
*actual product may vary from photos

Package contents

- 1 x USB network adapter

- 1 x quick-start guide

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 US1GC303APD refers to the 5Gbps USB 3.1 Gen 1 standard.
- For the latest information, technical specifications, and support for this product, please visit **www.StarTech.com/US1GC303APD**.

Requirements

- A laptop with a USB-C port

If your laptop doesn't support USB Power Delivery 2.0, you can't use the US1GC303APD network adapter to pass power through to your laptop.

USB Power Delivery 2.0 requirements

- A laptop with a USB-C port that supports USB 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 US1GC303APD 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/US1GC303APD**.

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 US1GC303APD network adapter 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.

Connect the network adapter

1. Connect the USB-C connector on the network adapter to a USB-C port on your laptop.
2. Connect your USB peripherals to the USB-A ports on the network adapter.
3. Connect an RJ-45 network cable to your network gateway (router or switch) and to the Ethernet port on the network adapter.

The US1GC303APD is natively supported and when you connect it to your laptop, your laptop automatically detects and installs the required drivers.

Powering the network adapter

You can power the network adapter in the following ways:

- Bus power
- USB Power Delivery 2.0

If you use bus power to power the network adapter, it might not provide sufficient power to all of your 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 network adapter.

Connect a USB-C power adapter

To use a USB-C power adapter to provide power to the network adapter, 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 input on the power adapter to the USB-C port on the network adapter.
3. Connect the power adapter to an AC electrical outlet.

This network adapter 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 the LED indicators

The network adapter features two LED indicators:

- The LED to the left of the Ethernet port illuminates green to indicate that an RJ-45 Ethernet cable is connected to the adapter.
- The LED to the right of the Ethernet port illuminates yellow to indicate activity.

Troubleshooting

- **I can't use the adapter to charge my laptop**
  - To use the network adapter to power and charge your laptop, make sure that the USB-C port on your laptop supports USB Power Delivery 2.0.
  - Not all USB-C ports support the full functionality of the USB Type-C standard. Some ports may 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 network adapter to pass power through to your laptop.
- **I can't transfer data using the USB-C port**
  - The USB-C port on the network adapter only supports USB Power Delivery 2.0. You can't use the USB-C port as a throughput for data or video.

Industry Canada Statement

- This Class B digital apparatus complies with Canadian ICES-003.
- CAN ICES-3 (B)/NMB-3(B)

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 the receiver.
- Connect the equipment to 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.

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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 labour 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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For Specifications and Datasheet, please visit **https://manuals.plus/startech/startech-us1gc303apd-usb-c-to-gbe-adapter-specifications-and-datasheet**

Frequently Asked Questions

What is the StarTech US1GC303APD USB-C to GbE Adapter?

The StarTech US1GC303APD is a USB-C to Gigabit Ethernet Adapter with a 3-port USB 3.0 hub and USB Power Delivery 2.0 (PD) charging capability.

What can I do with StarTech US1GC303APD adapter?

You can connect the US1GC303APD to the USB-C port on your laptop to add three USB 3.0 ports and one Gigabit Ethernet (GbE) port. It also allows you to power and charge your laptop using USB Power Delivery 2.0.

What is the difference between USB 3.0 and USB 3.1 Gen 1?

USB 3.0 is also known as USB 3.1 Gen 1. Both terms refer to the same connectivity standard, which offers speeds of up to 5Gbps.

What should I do if I can't use the StarTech US1GC303APD adapter to charge my laptop?

To use the network adapter for laptop charging, ensure that your laptop's USB-C port supports USB Power Delivery 2.0. Not all USB-C ports provide this functionality.

Can I use the USB-C port on the network adapter for data or video transfer?

No, the USB-C port on the network adapter is only for USB Power Delivery 2.0 and cannot be used for data or video transfer.

Can I use StarTech US1GC303APD adapter with a Macbook that has a USB-C port?

Yes, you can use this adapter with laptops that have a USB-C port, including Macbooks. However, please ensure that your laptop's USB-C port supports USB Power Delivery 2.0 if you intend to use it for charging.

Does StarTech US1GC303APD adapter work with Windows and Mac operating systems?

Yes, the US1GC303APD adapter is compatible with both Windows and Mac operating systems. It is OS-independent and should work seamlessly with your laptop.

What is the maximum power output when using USB Power Delivery 2.0 to charge my laptop?

This adapter can deliver up to 60 watts of power through the USB-C or Thunderbolt 3 port on your laptop when using USB Power Delivery 2.0.

Can I connect external hard drives or other USB devices to the USB 3.0 ports on StarTech US1GC303APD adapter?

Yes, you can connect external hard drives, USB flash drives, printers, or other USB peripherals to the USB 3.0 ports on this adapter. It provides three USB 3.0 ports for added connectivity.

Does the StarTech US1GC303APD adapter support Wake-on-LAN (WoL) functionality for remote wake-up of a computer over a network?

This adapter does not explicitly mention Wake-on-LAN support. To enable WoL functionality, your laptop's network card and BIOS settings should support it.

Can I use StarTech US1GC303APD adapter to connect to a wired network in areas with weak Wi-Fi signals?

Yes, the Gigabit Ethernet (GbE) port on this adapter allows you to connect to a wired network, which can be especially useful in areas with weak or unreliable Wi-Fi signals.

Is the network adapter driver installation required for Windows or Mac, or does StarTech US1GC303APD work automatically?

The network adapter is natively supported, and when you connect it to your laptop, your laptop should automatically detect and install the required drivers. Manual driver installation is typically not needed.

Reference: [StarTech US1GC303APD USB-C to GbE Adapter Quick Start Guide-device.report](#)

References

- **[User Manual](#)**