

StarTech HB30C3A1GEA USB 3.0 Hub



StarTech HB30C3A1GEA USB 3.0 Hub Specifications and Datasheet

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StarTech HB30C3A1GEA USB 3.0 Hub



3-Port USB-C Hub with Gigabit Ethernet – USB-C to 3x USB-A – USB 3.0 Hub – 5Gbps – White

- **Product ID:** HB30C3A1GEA

Overview

- Here's a must-have accessory for your USB-C equipped MacBook Pro, Chromebook or laptop. This USB 3.2 Gen 1 hub merges your USB peripheral and RJ45 network connections into a single combination hub. It gives you two vital connection types, with Ethernet and USB Type-A, which are often missing from modern laptops.
- This 3-port USB hub features an easy-to-use USB-C connector. USB Type-C connectors are easier to insert than past generations. They're small and reversible, and you can connect the plug with either side facing up.
- If your MacBook or laptop is missing the ports you need, this hub can help. known as USB 3.2 Gen 1. The versatile
- USB 3.2 Gen 1 hub gives you access to not only your USB peripheral devices but also a wired internet connection. It offers a Gigabit Ethernet port, so you can connect to a network in locations where Wi-Fi is unreliable or unavailable.
- The stylish USB hub features an attractive white finish.
- The hub features a rugged yet lightweight housing, so there's no need to sacrifice dependability for portability. Its
- USB-powered design means you don't need to carry a separate power adapter, so you can tuck the USB 3.2 Gen 1 hub neatly into your travel bag.
- This hub is perfect for travel, and it takes up minimal space on a desk, so you can use it in hot-desk or BYOD (Bring
- Your Own Device) environments.
- The hub's built-in USB-C cable makes connections easy, and you don't need to carry a separate cable to attach the hub to your laptop.
- The HB30C3A1GEA is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Take advantage of USB-C by using the hub to connect to both a network and USB peripherals to your USB-C equipped laptop
- Upgrade the connection capabilities of your MacBook Pro
- Carry the hub with you while you're traveling, and connect your USB devices wherever you go
- Ideal for desktop, laptop, Ultrabook, Chromebook, and MacBook users who don't have enough USB 3.2 Gen 1 ports available
- Add wired internet connectivity to your laptop in settings where Wi-Fi isn't available

Features

- Expand your laptop or MacBook connectivity through USB-C by adding three USB-A ports (5Gbps) and a GbE RJ45 port
- Compact, lightweight housing with a small-footprint design for travel or desktop placement
- USB bus-powered and features a built-in USB Type-C cable, so you can carry the hub with you anywhere
- Integrated cable features a small and reversible USB-C connector, and it's Thunderbolt 3 data port compatible
- Multi-platform compatible, with native support in most operating systems including Windows 10, macOS Sierra (10.12), and Chrome OS
- Backward compatibility lets you save money by connecting your existing USB 2.0 and 1.x devices
- Offers plug-and-play installation, and supports hot-swapping or hot-plugging
- Supports Wake-On-LAN, Energy-Efficient Ethernet, jumbo frames, full-duplex flow control, VLAN tagging, and layer 2 priority encoding

Specifications

Hardware:

- **Warranty:** 2 Years
- **USB-C Device Port(s):** No
- **USB-C Host Connection:** Yes
- **Fast-Charge Port(s):** No
- **Ports:** 3
- **Interface:** USB 3.2 Gen 1 (5Gbps), RJ45 (Gigabit Ethernet)
- **Bus Type:** USB 3.2 Gen 1 (5Gbps)
- **Industry Standards:** IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az Energy-Efficient Ethernet, IEEE

802.3x Flow Control, 802.1q VLAN Tagging, 802.1p Layer 2 Priority Encoding, USB 3.0 – Backward compatible with USB 2.0 and 1.1

- **Chipset ID:** VIA/VLI – VL817, Realtek – RTL8153

Performance:

- **Maximum Data Transfer Rate:** 5 Gbps (USB 3.2 Gen 1), 2 Gbps (Ethernet; Full-Duplex)
- **Type and Rate:** USB 3.2 Gen 1 – 5 Gbit/s
- **UASP Support:** Yes
- **Flow Control:** Full duplex flow control
- **Compatible Networks:** 10/100/1000 Mbps
- **Auto MDIX:** Yes
- **Full Duplex Support:** Yes
- **Jumbo Frame Support:** 9K max.

Connector(s):

- **Connector Type(s):** 3 – USB Type-A (9 pin, 5 Gbps), 1 – RJ-45, 1 – USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)

Software:

- **OS Compatibility:** Windows 7, 8, 8.1, 10, 11, macOS 10.11 to 10.15, 11.0, 12.0, 13.0, 14.0 (VLAN tagging is currently not supported in macOS), Linux Kernel 4.11.x and up (LTS Versions only)

Special Notes/Requirements:

- **System and Cable Requirements:** Available USB Type-C port – USB 3.0 (5Gbps)
- **Note:** The hub does not support DisplayPort alt mode, or USB Power Delivery

Power:

- **Power Source:** USB-Powered
- **Input Voltage:** 5V DC
- **Output Voltage:** 5 DC

Environmental:

- **Operating Temperature:** 0°C to 45°C (32°F to 113°F)
- **Storage Temperature:** -10°C to 70°C (14°F to 158°F)
- **Humidity:** 10%-85%RH

Physical Characteristics:

- **Color:** White

- **Material:** Plastic
- **Cable Length:** 5.5 in [140 mm]
- **Product Length:** 14.0 in [35.5 cm]
- **Product Width:** 3.1 in [8.0 cm]
- **Product Height:** 0.6 in [1.4 cm]
- **Weight of Product:** 1.4 oz [40.0 g]

Packaging Information

- **Package Quantity:** 1
- **Package Length:** 6.8 in [17.2 cm]
- **Package Width:** 5.7 in [14.4 cm]
- **Package Height:** 1.3 in [3.2 cm]
- **Shipping (Package) Weight:** 3.7 oz [106.0 g]

What's in the Box

- **Included in Package:** 1 – USB 3.0 hub

*Product appearance and specifications are subject to change without notice.

Resources

For more details, please visit [Manual](#) and for installation Instructions, Contact Information, and Troubleshooting, visit [User Manual](#).

Frequently Asked Questions

Can I use the StarTech HB30C3A1GEA USB 3.0 Hub with a Macbook Pro?

Yes, the StarTech HB30C3A1GEA USB 3.0 Hub is compatible with Macbook Pro and various other Macintosh computers.

Does the StarTech HB30C3A1GEA USB 3.0 Hub support USB 2.0 devices in addition to USB 3.0?

Yes, the hub is backward compatible with USB 2.0 devices, allowing you to connect both USB 2.0 and USB 3.0 peripherals.

What is the maximum data transfer rate supported by the StarTech HB30C3A1GEA USB 3.0 Hub's USB 3.0 ports?

The USB 3.0 ports on this hub support data transfer rates of up to 5Gbps (Gigabits per second), offering fast data transmission.

Can I use the StarTech HB30C3A1GEA USB 3.0 Hub to connect to a high-speed Gigabit Ethernet network?

Yes, the hub features a Gigabit Ethernet port (RJ45) for high-speed network connectivity.

How long is the integrated USB Type-C Host Cable on the StarTech HB30C3A1GEA USB 3.0 Hub?

The integrated USB Type-C Host Cable on the hub is of standard length, but for precise measurements, refer to the product specifications.

Is the StarTech HB30C3A1GEA USB 3.0 Hub compatible with gaming consoles such as the Xbox or PlayStation?

The hub is primarily designed for use with computers, but it may work with some gaming consoles. Check the console's compatibility with USB hubs.

Can I connect multiple StarTech HB30C3A1GEA USB 3.0 Hubs in a daisy-chain configuration?

No, this hub does not support daisy-chaining. Each hub connects directly to a host computer.

Does the StarTech HB30C3A1GEA USB 3.0 Hub support Power over Ethernet (PoE) devices?

No, this hub does not support Power over Ethernet (PoE) devices. It is designed for data connectivity.

Can I use the StarTech HB30C3A1GEA USB 3.0 Hub for charging USB-powered devices like smartphones and tablets?

Yes, you can use the USB ports on the hub to charge USB-powered devices. However, it does not support fast charging.

What is the maximum cable length recommended for connecting the StarTech HB30C3A1GEA USB 3.0 Hub to my host computer?

For optimal performance, it is recommended to keep the cable length between the hub and the host computer within the specified limits. Refer to the product documentation for details.

Does the StarTech HB30C3A1GEA USB 3.0 Hub require an external power source, or is it bus-powered?

The hub is bus-powered, which means it draws power from the host computer's USB port, eliminating the need for an external power source.

Can I use the StarTech HB30C3A1GEA USB 3.0 Hub with Linux-based operating systems?

Yes, the hub is compatible with Linux-based operating systems. Drivers may be required depending on the specific distribution.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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