

4-Port USB-C Hub with 100W Power Delivery Pass-Through - 2x USB-A + 2x USB-C - USB 3.0 5Gbps - 1ft (30cm) Long Cable - Portable USB Type-C to USB-A/C Hub

Product ID: 5G2A2CPDB-USB-C-HUB



This USB-C Hub with 100W USB Power Delivery pass-through adds four USB 3.2 Gen 1 (5Gbps) ports (2x USB-A, 2x USB-C) to a USB-C enabled computer. Connect the USB hub to a USB-C port on a laptop, using the built-in 1ft (30cm) USB-C host cable. Charge a host laptop by connecting the host laptop's USB-C power supply to the USB Power Delivery (PD) 3.0 port. Backward compatible with USB 2.0 (480Mbps) devices ensures support for a wide range of modern and legacy USB peripherals (e.g., external storage devices - thumb drives, HDDs/SSDs, HD cameras, mice, keyboards, webcams, and audio headsets). The USB hub supports Wake on USB and is compact in size, facilitating portability when travelling.

This USB hub features USB Power Delivery 3.0 pass-through (up to 100W). This feature enables the USB Type-C Hub to provide the option to use one of the downstream USB-C ports to connect a USB-C power source (up to 100W) to power and charge a laptop. PD 3.0 features Fast Role Swap (FRS) to prevent USB data disruption when switching power sources (USB-C power adapter to bus power).

The USB Hub can operate with a USB-C power adapter connected or with bus-powered alone. It draws up to 15W of power from the USB-C host computer that's dynamically shared across the downstream ports. For added protection to this USB hub and the connected host device, the USB hub features Overcurrent Protection (OCP). OCP prevents faulty USB peripherals from drawing more power than is safely allocated.

This device is compatible with all major operating systems, including Windows, macOS, ChromeOS, iPadOS, and Android. The Hub is automatically detected, configured, and installed upon connection to a host computer. This ensures automatic installation and setting configuration with any USB-C laptop, including Thunderbolt 3, Thunderbolt 4 and USB4 computers such as Apple MacBook (Intel/M1/M2), Lenovo X1 Carbon and Dell XPS. The built-in extra-long 1 ft. (30 cm) USB-C host cable ensures easy setup and reduces connector strain on 2-in-1 devices such as the Surface Pro 7, iPad Pro, HP Elite X2 and laptops on riser stands.

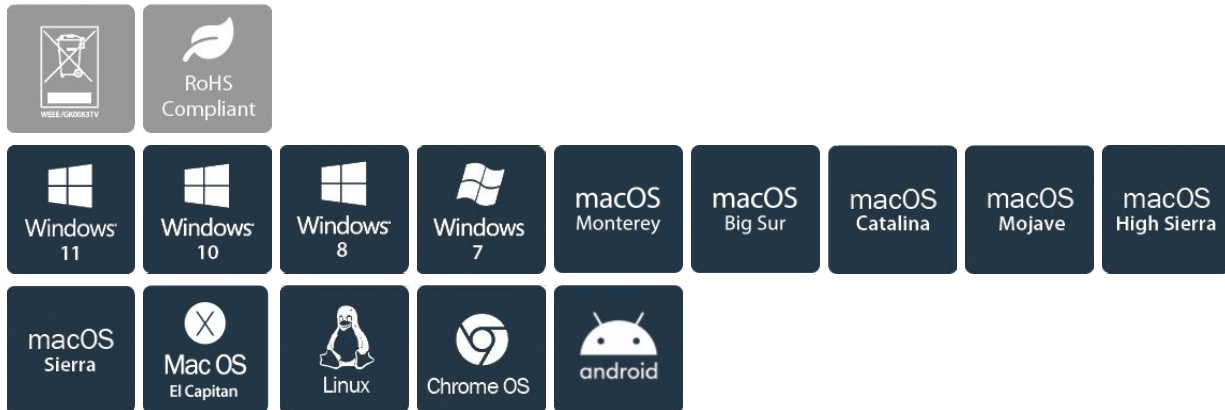
Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that is compatible with a wide variety of IT connectivity accessories. The applicable software for this product is the USB Event Monitoring Utility. Use this utility to track and log any connected USB devices.

For more information and to download the StarTech.com Connectivity Tools application, please visit:

www.StarTech.com/connectivity-tools

This product is backed for 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility



Applications

- Connect two USB-A peripherals and two USB-C peripherals to a USB-C equipped laptop
- Ideal for traveling between the home and office
- Charge your laptop by using one of the downstream USB-C ports to connect a USB-C power adapter

Features

- **4-PORT USB-C HUB:** USB 3.2 Gen 1 (5Gbps) expansion hub w/USB-C host, 2x USB-A, 2x USB-C incl. 1x USB PD pass-through, Overcurrent Protection (OCP) & Wake on USB - Up to 15W of power shared dynamically between 4 downstream ports
- **RELIABLE PERFORMANCE:** 100W Power Delivery Pass-Through with 15W reserved for adapter (when using one or all ports) and up to 85W available for host laptop charging - Prevents device dropouts, and/or power overdraw common in other hubs
- **EXTRA-LONG CABLE:** Compact housing and bus-powered ideal for travel - Attached extra-long 1ft. (30cm) host cable for easy setup and to reduce connector strain on 2-in-1 devices such as Surface Pro 7, iPad Pro, HP Elite X2, and laptops on riser stands
- **APPLICATIONS:** Add USB connectivity and host device charging from a single USB-C port - Ideal for USB-C charged devices with limited USB ports such as MS Surface Pro, Pixel Book & iPad Pro - USB Event Monitoring utility available for download
- **COMPATIBILITY:** Supports all major operating systems, incl. Windows, macOS, Linux, iPadOS, ChromeOS, Android - Compatible w/ Thunderbolt 3/4 & USB4 host devices such as MacBook (Intel/M1/M2), Lenovo X1 Carbon, Dell XPS, Microsoft Surface - Works w/USB 2.0

Hardware

Warranty	2 Years
USB-C Device Port(s)	Yes
USB-C Host Connection	Yes
Fast-Charge Port(s)	No
Ports	4
Interface	USB 3.2 Gen 1 (5Gbps)
Bus Type	USB 3.2 Gen 1 (5Gbps)
Industry Standards	USB 3.2 Gen 1 - Backward compatible with USB 2.0 and 1.1
	USB Power Delivery 3.0
Chipset ID	Fresco - FL7102
	Fresco - FL5001

Performance

Total USB Power Output	4.5W (5V/0.9A)
Maximum Data Transfer Rate	5 Gbps (USB 3.2 Gen 1)
Type and Rate	USB 3.2 Gen 1 - 5 Gbit/s
UASP Support	Yes
General Specifications	Maximum Laptop Charging: 80W

Connector(s)

External Ports	1 - USB 3.2 Type-C (Power Delivery + Data, 24 Pin, Gen 1, 5 Gbps)
	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
	2 - USB 3.2 Type-A (9 pin, Gen 1, 5Gbps)
Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)

Software

OS Compatibility	Windows 7, 8, 8.1, 10, 11
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macOS 10.11, 10.12, 10.13, 10.14, 10.15, 11.0, 12.0, 13.0
<i>VLAN tagging is currently not supported in macOS</i>

Linux Kernel 4.11.x (and up) - LTS versions only

iPadOS

ChromeOS

Android

Special Notes / Requirements

System and Cable Requirements

A host laptop with an available USB-C port (to ensure full adapter functionality, the host USB-C port must support USB Power Delivery).

Optional: USB-C power adapter (for example, your laptop's USB-C based power adapter).

Note

Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure the host USB-C port supports USB Power Delivery.

Power will not pass through to the adapter when connected to a host USB-C port that lacks USB PD functionality.

Your laptop might have specific charging requirements. For example, if your laptop requires exactly 60W of power and an adapter consumes some of the 60W, your laptop might not recognize that it is getting enough power. For more information about Power Delivery, refer to the manufacturer of your hardware.

USB 3.2 Gen 1 (5Gbps) is also known as USB 3.1 Gen 1 (5Gbps) and USB 3.0 (5Gbps).

The USB hub features Overcurrent Protection (OCP). OCP prevents faulty USB peripherals from drawing more power than is safely allocated.

OCP is activated when a connected USB peripheral attempts to draw more power than is safely allocated to the port. OCP will prevent this peripheral from consistently connecting to the Computer. This may result in the Computer re-recognizing the device continuously, until the device is disconnected.

Power

Power Source

Bus Powered and Host USB-C Power Adapter

Power Consumption (In Watts)

15W

Environmental

Operating Temperature	0C to 45C (32F to 113F)
Storage Temperature	-5C to 70C (23F to 158F)
Humidity	5% ~ 85% RH

Physical Characteristics

Color	Space Gray
Form Factor	Compact
Material	Plastic
Cable Length	11.8 in [30 cm]
Product Length	1.7 in [4.2 cm]
Product Width	3.0 in [7.5 cm]
Product Height	0.6 in [1.4 cm]
Weight of Product	1.4 oz [41.0 g]

Packaging Information

Package Quantity	1
Package Length	6.9 in [17.5 cm]
Package Width	5.6 in [14.2 cm]
Package Height	1.2 in [3.0 cm]
Shipping (Package) Weight	3.3 oz [94.0 g]

What's in the Box

Included in Package	1 - USB-C Hub
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**Product appearance and specifications are subject to change without notice.*