

4 Port USB C Hub 10Gbps - Metal Industrial USB-C Hub - 2x USB-C & 2x USB-A - ESD Surge Protection - USB-C or USB-A Host - Self-Powered Mountable USB 3.1 Gen 2 Type-C Hub

**Product ID:** HB31C2A2CME



This 4-Port industrial USB hub enables you to connect four SuperSpeed USB 3.2 Gen 2 (10 Gbps) peripherals to your USB-A or USB-C computer. The hub features two USB-A and two USB-C peripheral ports, each with a screw-lock connector, and a metal industrial housing ideal for harsh, industrial environments.

With this USB-C hub you can connect two USB-A devices, and two USB-C devices, to a single USB-C or USB-A port on your host device. The hub supports USB 3.2 Gen 2 (10 Gbps), and is backward compatible with USB 3.2 Gen 1 (5 Gbps) and USB 2.0 (480 Mbps).

Note: USB 3.2 Gen 2 (10 Gbps) is also known as USB 3.1 Gen 2 (10 Gbps), USB 3.2 Gen 1 (5 Gbps) is also known as USB 3.1 Gen 1 (5 Gbps), and USB 3.0 (5 Gbps).

The USB hub is self powered using either the included 36W (12V/3A) AC to DC power adapter, or the built-in terminal block connector that supports a 7-24V DC input. The hub shares up to 30W of power between connected devices and each port supports BC 1.2 providing 12W (2.4A) of power on all ports up to a 30W draw.

This USB hub has a rugged-metal enclosure with built-in mounting ears that enable you to mount it to any wall or surface. The hub features 15kV Air and 8kV Contact electrostatic discharge (ESD) protection. Each port on the Hub has a screw lock, avoiding the possibility of accidental cable disconnection, and a 3.3 ft. (1m) USB-C host cable, and a 3.3 ft. (1 m) USB-A host cable is included that features a locking screw.

The USB hub is OS independent ensuring support on a wide range of platforms including Windows, macOS, Linux, iPadOS, Chrome OS and Android.

HB31C2A2CME is backed by a StarTech.com 2-year warranty and free lifetime 24/5 multi-lingual North American based technical support. StarTech.com has been the IT professionals' choice for over 30 years.

## Certifications, Reports and Compatibility

## Applications

- Connect equipment to a computer in industrial environments
- Power and charge devices

## Features

- **INDUSTRIAL 4 PORT USB-C HUB:** Expand the connectivity of a USB-C or USB-A computer by adding 2x USB Type-A & 2x USB Type-C ports; SuperSpeed 10Gbps USB 3.2/3.1 Gen 2 hub; 3.3 ft (1m) USB-C & USB-A host cables included (w/ screw-lock)
- **ESD SURGE PROTECTION:** Featuring 15kV Air and 8kV Contact electrostatic discharge protection, this rugged metal-enclosed hub is suitable for harsh industrial/commercial environments
- **POWER & CHARGE:** Self powered USB C hub w/ 36W power adapter & terminal block connector (7-24V DC inputs); Charging w/BC 1.2 for 30W total on all ports Provides 12W (2.4A) on all ports up to a total 30W draw
- **INSTALLATION FLEXIBILITY:** Mountable USB Type-C Hub with built-in ear mounting allows for wall/surface mounting; All USB-A & USB-C ports on hub feature screw-lock connectors to prevent accidental cable release
- **COMPATIBILITY:** USB expansion hub is OS independent, supports Windows, macOS, Linux, iPadOS, Chrome OS, Android; Thunderbolt 3 & USB 3.0/2.0 compatible; For use in manufacturing, automation, labs, schools, IT; MTT for max bandwidth with mixed-speed devices

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### Hardware

|                       |                      |
|-----------------------|----------------------|
| Warranty              | 2 Years              |
| USB-C Device Port(s)  | Yes                  |
| USB-C Host Connection | Yes                  |
| Fast-Charge Port(s)   | Yes                  |
| Ports                 | 4                    |
| Bus Type              | USB 3.2 Gen 2 10Gbps |
| Chipset ID            | VIA/VLI - VL822      |

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### Performance

|                            |                           |
|----------------------------|---------------------------|
| Maximum Data Transfer Rate | 10 Gbps                   |
| Type and Rate              | USB 3.2 Gen 2 - 10 Gbit/s |
| UASP Support               | Yes                       |



|                          |                                |
|--------------------------|--------------------------------|
| Supported Charging Modes | Dedicated Charging Port (DCP)  |
|                          | Charging Downstream Port (CDP) |

|                            |               |
|----------------------------|---------------|
| Supported Charging Outputs | BC 1.2 (1.5A) |
|                            | Apple 1A      |
|                            | Apple 2.4A    |

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#### Connector(s)

|                   |  |
|-------------------|--|
| Connector Type(s) | USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps) |
|                   | USB Type-C (24 pin) USB 3.1 (10Gbps)       |
|                   | USB Type-C (24 pin) USB 3.1 (10Gbps)       |

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#### Software

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|------------------|--|
| OS Compatibility | OS Independent; No additional drivers or software required |
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#### Special Notes / Requirements

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|-------------------------------|---|
| System and Cable Requirements | Available USB 3.2 Gen 2 (10 Gbps) Type-C or Type-A port |
|-------------------------------|---|

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#### Indicators

|                |                     |
|----------------|---------------------|
| LED Indicators | Power LED           |
|                | USB Device Link LED |

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#### Power

|                              |                     |
|------------------------------|---------------------|
| Power Source                 | AC Adapter Included |
| Input Voltage                | 100 - 240 AC        |
| Input Current                | 1 A                 |
| Output Voltage               | 12V DC              |
| Output Current               | 3 A                 |
| Center Tip Polarity          | Positive            |
| Plug Type                    | M                   |
| Power Consumption (In Watts) | 36                  |



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**Environmental**

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 55C (32F to 131F)   |
| Storage Temperature   | -20C to 85C (-4F to 185F) |
| Humidity              | 5~95% RH                  |

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**Physical Characteristics**

|                   |                  |
|-------------------|------------------|
| Color             | Black            |
| Material          | Metal            |
| Product Length    | 6.0 in [15.2 cm] |
| Product Width     | 2.3 in [59.6 mm] |
| Product Height    | 0.9 in [23.5 mm] |
| Weight of Product | 9.9 oz [280.0 g] |

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**Packaging Information**

|                           |                   |
|---------------------------|-------------------|
| Package Length            | 7.5 in [19.0 cm]  |
| Package Width             | 11.4 in [29.0 cm] |
| Package Height            | 2.6 in [67.0 mm]  |
| Shipping (Package) Weight | 2.8 lb [1.3 kg]   |

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**What's in the Box**

|                     |  |
|---------------------|--|
| Included in Package | USB 3.2 (10 Gbps) Hub                      |
|                     | Universal Power Adapter                    |
|                     | Regional Power Cords (NA, JP, EU, UK, ANZ) |
|                     | Terminal Block Connector (Installed)       |
|                     | USB-A to USB-C Cable                       |
|                     | USB-C to USB-A Cable                       |
|                     | Quick Start Guide                          |

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

