



# 10 Port USB 2.0 Industrial High Power 2.4A Charging Hub w/ ESD Surge Protection & Port Status LEDs



Industrial Grade | +24V DC Input | Surge Protection | Surface Mountable | 480 Mbps | Power Supply

Model No. U2CHGRHUB10



- **Simultaneous Charging:** Charge and sync up to 10 iPads, iPhones or other USB-charged in charge mode devices, providing each USB port with the optimum charge level for each device.
- **Protect Your Equipment:** The 10-port USB 2.0 Charger Hub features 15kV ESD protection to keep your connected peripherals safe from harm.
- **High Speeds:** This USB hub is 2.0 compliant, ensuring super-fast 480 Mbps data transfer speeds. It supports super speed, high speed and full speed which enables it to be compatible with USB 1.1.
- **Superior Build Quality:** Housed in a rugged metal chassis, the 10-port charger hub is perfect for installations in offices, labs, warehouses, classrooms, heavy machinery, automation equipment, and other industrial applications.
- **Upstream:** 1 USB port, Type B connector
- **Downstream:** 10 USB ports, Type A connectors
- **Power Connector:** DC Barrel 2.5mm ID x 5.5mm OD
- **Mounting Options:** Desktop & Surface
- **LED Indicators:** LEDs for each downstream port to check their status. (Red: Charge / Orange: Sync)
- **Supply Current:** 2.4A USB Bus Power for Each Downstream Port



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## Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

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**We Speak Your Speak** - When you reach out to our support, you'll find yourself in the hands of a solution-oriented, knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

**We're Ready For Integration, Every Time.** - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

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great products as you are. That's why we aim to meet or exceed your build specs every time.,  
**Advanced Engineering** - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

# PRODUCT SPECIFICATIONS

Looking for product documentation?

[View CAD Models, Data sheet and Drawings here >](#)



|                                 |                                    |   |
|---------------------------------|------------------------------------|---|
|                                 | <b>Input Voltage</b>               | +24V DC   |
|                                 | <b>Power Source</b>                | AC Adapter Included, DC Barrel Jack 2.5mm ID × 5.5mm OD                           |
|                                 | <b>Idle Consumption</b>            | 100mA @ 24v Terminal Power  |
| <b>Power</b>                    | <b>Adapter Input Current</b>       | 2.5A  |
|                                 | <b>Adapter Input Voltage</b>       | 100~240V AC   |
|                                 | <b>Adapter Output Current</b>      | 6.25A   |
|                                 | <b>Adapter Output Voltage</b>      | 24V DC  |
|                                 | <b>External Power Required</b>     | Yes   |
| <b>Compliance</b>               | <b>Charging Protocols</b>          | Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP) |
|                                 | <b>Per USB Port Current</b>        | 2.4A  |
|                                 | <b>Country of Origin</b>           | Taiwan  |
|                                 | <b>Certifications</b>              | <a href="#">RoHS</a>  |
| <b>Physical Characteristics</b> | <b>Color</b>                       | Black   |
|                                 | <b>Item Dimensions (L × W × H)</b> | 10.6 x 4.15 x 1.75in (LxWxH)  |
|                                 | <b>Item Weight</b>                 | 2.056 lbs.  |
|                                 | <b>Mounting Style</b>              | Desktop, Surface / Wall Mount   |
|                                 | <b>Ports</b>                       | 10 USB Ports  |
|                                 | <b>Material of Construction</b>    | Metal   |
| <b>What's in the Box</b>        | <b>Package Contents</b>            | Hub, Power Adapter, Screw Pack, Surface Mounting Flanges, USB-A to USB-B Cable    |
| <b>Software</b>                 | <b>OS Support</b>                  | Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8                                      |
| <b>Environmental</b>            | <b>Operating Temperature</b>       | 0°C to 55°C (32°F to 131°F)   |
|                                 | <b>Storage Temperature</b>         | -20 to 75°C (-4 to 167°F)   |
|                                 | <b>Humidity</b>                    | 5% ~ 95% (non-condensing)   |
| <b>Product Information</b>      | <b>Warranty</b>                    | 1 year from date of purchase  |
| <b>Hardware</b>                 | <b>Chipset</b>                     | FE1.1s  |
|                                 | <b>Charging Protocols</b>          | Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP) |
|                                 | <b>LED Indicators</b>              | Port Status, Power  |
|                                 | <b>Downstream USB Ports</b>        | 10 Type-A Female USB  |
|                                 | <b>Upstream USB Ports</b>          | 1 Type-B Female USB   |
|                                 | <b>ESD Protection</b>              | 15KV Surge Protection for Each Port   |
|                                 | <b>Isolated/Surge Protected</b>    | Yes   |
| <b>Performance &amp; Safety</b> | <b>Max Data Transfer Rate</b>      | 480Mbps   |
|                                 | <b>Over Current Protection</b>     | Yes   |
|                                 | <b>Over Voltage Protection</b>     | Yes per buck  |
|                                 | <b>Surge Protection</b>            | 350W  |

|                   |                      |   |
|-------------------|----------------------|---|
|                   | <b>USB Interface</b> | USB 2.0   |
|                   | <b>UPC</b>           | 045079157873                                      |
| <b>Other Data</b> | <b>Series</b>        | <a href="#">CSS-UH (Charge &amp; Sync Series)</a> |
|                   | <b>Weight</b>        | 5.0 lbs   |
|                   | <b>Dimensions</b>    | 11.250 × 4.375 × 6.750 in                         |

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\*orders placed prior to 3:30pm EST

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