

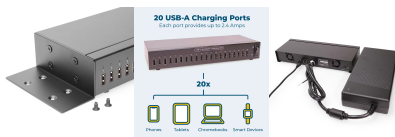


# 20 Port USB 2.0 Industrial High Power 2.4A Charging Hub w/ ESD Surge Protection & Port Status LEDs



Industrial Grade | +12V DC Input | Surge Protection | Surface Mountable | 480 Mbps | Power Supply

Model No. U2CHGRHUB20



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- **Simultaneous Charging:** Charge and sync up to 20 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 20-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 20-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:** 20 USB ports, Type A connectors
- **Power Connector:** 6-Pin Molex Power Connector
- **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

**Interested? LEARN MORE →**

## Questions? Speak to an engineering expert today!

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

☎ [1-727-209-1300](tel:1-727-209-1300) (Local) ✉ [expert@coolgear.com](mailto:expert@coolgear.com)



**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.

**Within every great machine, lives Coolgear.** - At Coolgear, we're just as passionate about building Coolgear | Charging & Connectivity Experts  
Visit [coolgear.com/support](http://coolgear.com/support) for any questions & inquires.  
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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>Identifier</b>	<b>Product Type</b>	Adapters > USB > Charging Station, Hubs > USB 2.0 Hubs
	<b>Input Voltage</b>	+12V DC
	<b>Power Source</b>	6-Pin Molex Power Connector
	<b>Adapter Input Current</b>	2.5A
	<b>Adapter Input Voltage</b>	100~240V AC
	<b>Adapter Output Current</b>	6.25A
<b>Power</b>	<b>Adapter Output Voltage</b>	24V DC
	<b>External Power Required</b>	Yes
	<b>Input Current</b>	24A
	<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>Compliance</b>	<b>Country of Origin</b>	Taiwan
	<b>Certifications</b>	<a href="#">RoHS</a>
	<b>Color</b>	Black
	<b>Item Dimensions (L x W x H)</b>	10.6 x 4.15 x 1.75in (LxWxH)
<b>Physical Characteristics</b>	<b>Item Weight</b>	2.056 lbs.
	<b>Mounting Style</b>	Desktop, Surface / Wall Mount
	<b>Ports</b>	20 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 7, Win 8, Win 10, Win 11, Linux, Mac OSX
	<b>Operating Temperature</b>	0°C to 55°C (32°F to 131°F)
<b>Environmental</b>	<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>Chipset</b>	FE1.1s
<b>Hardware</b>	<b>LED Indicators</b>	Port Status, Power
	<b>Downstream USB Ports</b>	20 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>	045079157866
<b>Other Data</b>	<b>Series</b>	<a href="#">CSS-UH (Charge &amp; Sync Series)</a>
	<b>Weight</b>	7.5 lbs
	<b>Dimensions</b>	12.000 × 6.562 × 6.250 in

## Ready to Buy? Let's get to work!

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\*orders placed prior to 3:30pm EST

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