

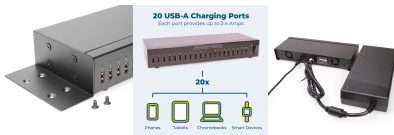


20 Port USB 2.0 Industrial High Power 2.4A Charging Hub w/ ESD Surge Protection & Port Status LEDs



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** (Local) ✉ **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
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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 >](#)



Environmental	Identifier	Product Type	Adapters > USB > Charging Station, Hubs > USB 2.0 Hubs
		Operating Temperature	0°C to 55°C (32°F to 131°F)
		Storage Temperature	-20 to 75°C (-4 to 167°F)
		Humidity	5% ~ 95% (non-condensing)
		ESD Protection	15KV Surge Protection for Each Port
Performance		Isolated/Surge Protected	Yes
		Max Data Transfer Rate	480Mbps
		Over Current Protection	Y
		Over Voltage Protection	Y per buck
		Surge Protection	350W
Hardware		Chipset	FE1.1s
		Charging Protocols	Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP)
		LED Indicators	Port Status, Power
		Per USB Port Current	2.4A
Product Information		Warranty	1 year from date of purchase
		Input Voltage	+12V DC
		Over Current Protection	Y
		Over Voltage Protection	Y per buck
		Power Source	6-Pin Molex Power Connector
Power		Adapter Input Current	2.5A
		Adapter Input Voltage	100~240V AC
		Adapter Output Current	6.25A
		Adapter Output Voltage	24V DC
		External Power Required	Yes
Software		Input Current	24A
		OS Support	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
What's in the Box		Package Contents	Hub, Power Adapter, Screw Pack, Surface Mounting Flanges, USB-A to USB-B Cable
USB		USB Type	USB 2.0
		Upstream USB Ports	1 Type-B Female USB
		Downstream USB Ports	20 Type-A Female USB
		Isolated/Surge Protected	Yes
		Color	Black
Mechanical		Item Dimensions (L x W x H)	10.6 x 4.15 x 1.75in (LxWxH)
		Item Weight	2.056 lbs.
		Mounting Style	Desktop, Surface / Wall Mount
		Ports	20 USB Ports
		Material of Construction	Metal
Compliance		Country of Origin	Taiwan
		Certifications	RoHS

Other Data

UPC
Series
Weight
Dimensions



045079157866
[CSS-UH \(Charge & Sync Series\)](#)
7.5 lbs
12.000 × 6.562 × 6.250 in

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Online with Credit card Orders shipped same day!

*orders placed prior to 3:30pm EST

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