

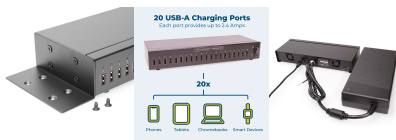


20 Port USB 2.0 Industrial High Power 2.4A Charging Hub w/ ESD Surge Protection & Port Status LEDs



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



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 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 >](#)



Identifier	Product Type	Adapters > USB > Charging Station, Hubs > USB 2.0 Hubs	
	Input Voltage	+12V DC	
	Power Source	6-Pin Molex Power Connector	
	Adapter Input Current	2.5A	
	Adapter Input Voltage	100~240V AC	
	Adapter Output Current	6.25A	
	Power	Adapter Output Voltage	24V DC
		External Power Required	Yes
		Input Current	24A
		Charging Protocols	Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP)
Compliance	Per USB Port Current	2.4A	
	Country of Origin	Taiwan	
	Certifications	RoHS	
Physical Characteristics	Color	Black	
	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	
What's in the Box	Package Contents	Hub, Power Adapter, Screw Pack, Surface Mounting Flanges, USB-A to USB-B Cable	
Software	OS Support	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8	
Environmental	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)	
Product Information	Warranty	1 year from date of purchase	
	Chipset	FE1.1s	
Hardware	Charging Protocols	Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP)	
	LED Indicators	Port Status, Power	
	Downstream USB Ports	20 Type-A Female USB	
	Upstream USB Ports	1 Type-B Female USB	
	ESD Protection	15KV Surge Protection for Each Port	
	Isolated/Surge Protected	Yes	
	Performance & Safety	Max Data Transfer Rate	480Mbps
		Over Current Protection	Yes
Over Voltage Protection		Yes per buck	
Surge Protection		350W	

	USB Interface	USB 2.0
	UPC	045079157866
Other Data	Series	CSS-UH (Charge & Sync Series)
	Weight	7.5 lbs
	Dimensions	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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