



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



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- **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.

☎ **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	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
	Isolated/Surge Protected	Yes
Performance	Max Data Transfer Rate	480Mbps
	Over Current Protection	Y
	Over Voltage Protection	Y per buck
	Surge Protection	350W
	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
	Per USB Port Current	2.4A
	Warranty	1 year from date of purchase
Product Information	Input Voltage	+24V DC
	Over Current Protection	Y
	Over Voltage Protection	Y per buck
	Power Source	AC Adapter Included, DC Barrel Jack 2.5mm ID × 5.5mm OD
	Idle Consumption	100mA @ 24v Terminal 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	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	10 Type-A Female USB
	Isolated/Surge Protected	Yes
	Color	Black
Mechanical	Item Dimensions (L × W × H)	10.6 x 4.15 x 1.75in (LxWxH)
	Item Weight	2.056 lbs.
	Mounting Style	Desktop, Surface / Wall Mount
	Ports	10 USB Ports
	Material of Construction	Metal
Compliance	Country of Origin	Taiwan
	Certifications	RoHS

Other Data

UPC

045079157873

Series

[CSS-UH \(Charge & Sync Series\)](#)

Weight

5.0 lbs

Dimensions

11.250 × 4.375 × 6.750 in

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