



20 Port USB 2.0 Industrial High Power 1.1A Charger Hub w/ ESD Surge Protection & Port Status LEDs



Industrial Grade | +100~240V AC Input | Surge Protection | Surface Mountable | 480 Mbps | 150W Power Supply

Model No. USBG-20XU1



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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:** 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:** 1.1A 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 70°C (32°F to 158°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
Hardware	Surge Protection	350W
	Chipset	FE1.1s, FE2.1
	Charging Protocols	Apple 2.4A
	LED Indicators	Port Status, Power
Product Information	Per USB Port Current	1.1A
	Warranty	1 year from date of purchase
	Input Voltage	100 – 240V AC
	Over Current Protection	Y
Power	Over Voltage Protection	Y per buck
	Power Source	DC Barrel Jack 2.5mm ID × 5.5mm OD
	Adapter Input Current	1.1A
	Adapter Input Voltage	100~240V AC
Software	Adapter Output Current	6.25A
	Adapter Output Voltage	24V DC
	External Power Required	Yes
	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
Mechanical	Color	Black
	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
Compliance	Ports	20 USB Ports
	Material of Construction	Metal
	Country of Origin	Taiwan
	Certifications	RoHS

Other Data

UPC

736983900319

Series

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

Weight

5.5 lbs

Dimensions

11.5 × 7 × 4.5 in

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