



# 12 Port USB 3.2 Gen 1 Hub w/ ESD Surge Protection & DIN Rail Mounting Kit



Industrial Grade | +7~24V DC Input | Surface Mountable | DIN Rail | 5 Gbps

Model No. CG-12PU31HB



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- **Protect Your Equipment:** The 12-port USB 3.2 Gen 1 features 15kV ESD surge protection per port to keep your connected peripherals safe from harm.
- **Super Fast Speeds:** This USB hub is 3.2 Gen 1 compliant, ensuring super-fast 5Gbps data transfer speeds. It supports super speed, high speed and full speed which enables it to be compatible with USB 2.0 / 1.1.
- **Superior Build Quality:** Housed in a rugged steel chassis with built in mountable flanges, the 12-port hub is perfect for installations in offices, labs, warehouses, heavy machinery, automation equipment, and other industrial applications.
- **Upstream:** 1 USB port, Type B connector
- **Downstream:** 12 USB ports, Type A connectors
- **Power Connector:** 2-Pin Terminal Block
- **Mounting Options:** Wall, Surface, & DIN Rail
- **Supply Current:** 1.5A USB Power for Each Down-stream 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 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	<b>Operating Temperature</b>	0°C to 55°C (32°F to 131°F)
	<b>Storage Temperature</b>	-20 to 75°C (-4 to 167°F)
	<b>Humidity</b>	5% ~ 95% (non-condensing)
	<b>ESD Protection</b>	15KV Surge Protection for Each Port
Performance	<b>Isolated/Surge Protected</b>	Yes
	<b>Max Data Transfer Rate</b>	5Gbps
	<b>Over Current Protection</b>	Y
	<b>Over Voltage Protection</b>	Y per buck
Hardware	<b>Chipset</b>	GL 3522
	<b>Charging Protocols</b>	Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP)
	<b>LED Indicators</b>	Power
	<b>Per USB Port Current</b>	1.5 A
Product Information	<b>Warranty</b>	1 year from date of purchase
	<b>Input Voltage</b>	+7~24V DC
	<b>Over Current Protection</b>	Y
	<b>Over Voltage Protection</b>	Y per buck
Power	<b>Power Source</b>	2-Pin Terminal Block, AC Adapter Not Included
	<b>Idle Consumption</b>	32.66mA Bus Powered, 89.9mA @ 12V Terminal Power
	<b>External Power Required</b>	No
	<b>OS Support</b>	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
What's in the Box	<b>Package Contents</b>	2-Pin Terminal Block, DIN Rail Clip(s), Hub, Mounting Plate, Screw Pack, USB-A to USB-B Cable
	<b>USB Type</b>	USB 3.2 Gen 1
	<b>Upstream USB Ports</b>	1 Type-B Female USB
	<b>Downstream USB Ports</b>	12 Type-A Female USB
USB	<b>Isolated/Surge Protected</b>	Yes
	<b>Color</b>	Black
	<b>Item Dimensions (L x W x H)</b>	5.22 x 2.56 x 1.89 in.
	<b>Item Weight</b>	0.806 lbs.
Mechanical	<b>Mounting Style</b>	Surface / Wall Mount, Din-Rail Mount
	<b>Ports</b>	12 USB Ports
	<b>Country of Origin</b>	Taiwan
	<b>Certifications</b>	<a href="#">TAA Hubs</a> , <a href="#">RoHS</a>
Compliance	<b>Connector</b>	2-Pin Terminal Block, USB 3.0 Type-B Female, USB Type-A Female
	<b>UPC</b>	045079159679
	<b>Series</b>	<a href="#">DRS-UH (DIN-Rail Series Hubs)</a>
	<b>Weight</b>	1.612 lbs
Other Data	<b>Dimensions</b>	11.625 x 7.375 x 2.625 in

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

**Purchase order** lets set you up.

**Online with Credit card** Orders shipped same day!

\*orders placed prior to 3:30pm EST

📞 **1-888-688-2188 (Toll free)**

✉ **sales@coolgear.com**