



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



[View more images here >](#)

- **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



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 >](#)



| | | |
|---------------------------------|------------------------------------|---|
| | Input Voltage | +7~24V DC |
| | Power Source | 2-Pin Terminal Block, AC Adapter Not Included |
| | Idle Consumption | 32.66mA Bus Powered, 89.9mA @ 12V Terminal Power |
| Power | External Power Required | No |
| | Charging Protocols | Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP) |
| | Per USB Port Current | 1.5 A |
| Compliance | Country of Origin | Taiwan |
| | Certifications | TAA Hubs , RoHS |
| | Color | Black |
| Physical Characteristics | Item Dimensions (L x W x H) | 5.22 x 2.56 x 1.89 in. |
| | Item Weight | 0.806 lbs. |
| | Mounting Style | Surface / Wall Mount, Din-Rail Mount |
| | Ports | 12 USB Ports |
| What's in the Box | Package Contents | 2-Pin Terminal Block, DIN Rail Clip(s), Hub, Mounting Plate, Screw Pack, 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 | GL 3522 |
| Hardware | Charging Protocols | Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP) |
| | LED Indicators | Power |
| | Downstream USB Ports | 12 Type-A Female USB |
| | Upstream USB Ports | 1 Type-B Female USB |
| | ESD Protection | 15KV Surge Protection for Each Port |
| Performance & Safety | Isolated/Surge Protected | Yes |
| | Max Data Transfer Rate | 5Gbps |
| | Over Current Protection | Yes |
| | Over Voltage Protection | Yes per buck |
| | USB Interface | USB 3.2 Gen 1 |
| | Connector | 2-Pin Terminal Block, USB 3.0 Type-B Female, USB Type-A Female |
| Other Data | UPC | 045079159679 |
| | Series | DRS-UH (DIN-Rail Series Hubs) |
| | Weight | 1.612 lbs |
| | Dimensions | 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**