



# 16 Port USB 3.2 Gen 1 Hub w/ ESD Surge Protection



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

Model No. CG-16PU31H



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- **Protect Your Equipment:** The 16-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 16-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:** 16 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       | 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)                                                                     |
| Performance         | ESD Protection              | 15KV Surge Protection for Each Port                                                           |
|                     | Max Data Transfer Rate      | 5Gbps                                                                                         |
|                     | Over Current Protection     | Y                                                                                             |
|                     | Over Voltage Protection     | Y per buck                                                                                    |
| Hardware            | Chipset                     | GL 3522                                                                                       |
|                     | Charging Protocols          | Apple 2.4A, Charging Downstream Port (CDP), Dedicated Charging Port (DCP)                     |
|                     | LED Indicators              | Power                                                                                         |
|                     | Per USB Port Current        | 1.5 A                                                                                         |
| Product Information | Warranty                    | 1 year from date of purchase                                                                  |
|                     | Input Voltage               | +7~24V DC                                                                                     |
|                     | Over Current Protection     | Y                                                                                             |
| Power               | Over Voltage Protection     | Y per buck                                                                                    |
|                     | Power Source                | 2-Pin Terminal Block, AC Adapter Not Included                                                 |
|                     | Idle Consumption            | 134mA @ 12V Terminal Power, 40.98mA Bus Powered                                               |
|                     | External Power Required     | No                                                                                            |
| Software            | OS Support                  | Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8                                                  |
| 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 |
| USB                 | USB Type                    | USB 3.2 Gen 1                                                                                 |
|                     | Upstream USB Ports          | 1 Type-B Female USB                                                                           |
|                     | Downstream USB Ports        | 16 Type-A Female USB                                                                          |
|                     | Color                       | Black                                                                                         |
| Mechanical          | Item Dimensions (L × W × H) | 4.43 × 2.55 × 1.91 in.                                                                        |
|                     | Item Weight                 | 0.819 lbs.                                                                                    |
|                     | Mounting Style              | Desktop, Surface / Wall Mount, Din-Rail Mount                                                 |
|                     | Ports                       | 16 USB Ports                                                                                  |
| Compliance          | Material of Construction    | Galvanized Steel                                                                              |
|                     | Country of Origin           | Taiwan                                                                                        |
|                     | Certifications              | <a href="#">REACH</a> , <a href="#">RoHS</a>                                                  |
|                     | Connector                   | 2-Pin Terminal Block                                                                          |
| Other Data          | Series                      | <a href="#">DRS-UH (DIN-Rail Series Hubs)</a>                                                 |
|                     | Weight                      | 1.625 lbs                                                                                     |
|                     | Dimensions                  | 11.562 × 7.375 × 2.625 in                                                                     |

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

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\*orders placed prior to 3:30pm EST

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