



# 7 Port USB 3.2 Gen 1 Metal Hub w/ 15KV ESD Surge Protection & Port Status LEDs



Industrial Grade | +7~24V DC Input | Surface Mountable | 5 Gbps | Screw Lock

Model No. CG-7PU31HB



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- **Protect Your Equipment:** The 7-port hub supports 15KV ESD surge protection for each 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 2.0 / 1.1.
- **Superior Build Quality:** Housed in a rugged steel chassis with built in mountable flanges, the 7-port hub is perfect for workstations installations in offices, labs, warehouses, and other industrial applications.
- **Upstream:** 1 USB port, Type B connector, Screw-lock type
- **Downstream:** 7 USB ports, Type A connectors, Screw-lock type
- **Power Connector:** 2-Pin Terminal Block, DC Barrel 2.5mm ID x 5.5mm OD
- **LED Indicators:** 7 LEDs for each downstream port to indicate the current bus
- **Mounting Options:** Wall & Surface

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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](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 >](#)



|                                 |                                    |  |
|---------------------------------|------------------------------------|--|
|                                 | <b>Input Voltage</b>               | +7~24V DC  |
|                                 | <b>Power Source</b>                | 2-Pin Terminal Block, AC Adapter Included, DC Barrel Jack<br>2.5mm ID × 5.5mm OD |
|                                 | <b>Idle Consumption</b>            | 37.67mA Bus Powered, 68.2mA @ 12V Terminal Power                                 |
| <b>Power</b>                    | <b>Adapter Input Current</b>       | 1A   |
|                                 | <b>Adapter Input Voltage</b>       | 100~240V AC  |
|                                 | <b>Adapter Output Current</b>      | 3A   |
|                                 | <b>Adapter Output Voltage</b>      | 12V DC   |
|                                 | <b>External Power Required</b>     | No   |
|                                 | <b>Charging Protocols</b>          | Charging Downstream Port (CDP), Dedicated Charging Port (DCP)                    |
|                                 | <b>Per USB Port Current</b>        | 1.5 A  |
| <b>Compliance</b>               | <b>Country of Origin</b>           | Taiwan   |
|                                 | <b>Certifications</b>              | <a href="#">REACH</a> , <a href="#">TAA Hubs</a> , <a href="#">RoHS</a>          |
|                                 | <b>Color</b>                       | Black  |
| <b>Physical Characteristics</b> | <b>Item Dimensions (L × W × H)</b> | 6.023 × 2.335 × 1.037 in.  |
|                                 | <b>Item Weight</b>                 | 0.637 lbs.   |
|                                 | <b>Mounting Style</b>              | Surface / Wall Mount   |
|                                 | <b>Ports</b>                       | 7 USB Ports  |
|                                 | <b>Material of Construction</b>    | Galvanized Steel   |
|                                 | <b>Screw Lock Compatible</b>       | Yes  |
|                                 | <b>Package Contents</b>            | Hub, Power Adapter, USB-A to USB-B Cable   |
| <b>Software</b>                 | <b>OS Support</b>                  | Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8                                     |
|                                 | <b>Operating Temperature</b>       | 0°C to 55°C (32°F to 131°F)  |
| <b>Environmental</b>            | <b>Storage Temperature</b>         | -20 to 75°C (-4 to 167°F)  |
|                                 | <b>Humidity</b>                    | 5% ~ 95% (non-condensing)  |
| <b>Product Information</b>      | <b>Warranty</b>                    | 1 year from date of purchase   |
|                                 | <b>Chipset</b>                     | GL 3522  |
| <b>Hardware</b>                 | <b>Charging Protocols</b>          | Charging Downstream Port (CDP), Dedicated Charging Port (DCP)                    |
|                                 | <b>LED Indicators</b>              | Port Status, Power   |
|                                 | <b>Downstream USB Ports</b>        | 7 Type-A Female USB  |
|                                 | <b>Upstream USB Ports</b>          | 1 Type-B Female USB  |
|                                 | <b>ESD Protection</b>              | 15KV Surge Protection for Each Port  |
|                                 | <b>Isolated/Surge Protected</b>    | Yes  |
|                                 | <b>Max Data Transfer Rate</b>      | 5Gbps  |
| <b>Performance &amp; Safety</b> | <b>Over Current Protection</b>     | Yes  |
|                                 | <b>Over Voltage Protection</b>     | Yes per buck   |

|                   |                      |  |
|-------------------|----------------------|--|
|                   | <b>USB Interface</b> | USB 3.2 Gen 1  |
|                   | <b>Connector</b>     | 2-Pin Terminal Block, USB 3.0 Type-B Female, USB Type-A Female |
| <b>Other Data</b> | <b>UPC</b>           | 045079159648   |
|                   | <b>Series</b>        | <a href="#">WKS-UH (Workstation Series Hubs)</a>               |
|                   | <b>Weight</b>        | 1.743 lbs  |
|                   | <b>Dimensions</b>    | 9.750 × 6.500 × 2.125 in                                       |

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