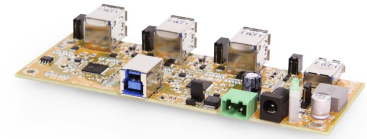




# 7 Port USB 3.2 Gen 1 Hub PCBA w/ 15KV ESD Surge Protection & Port Status LEDs



+7~24V DC Input | 5 Gbps

Model No. CG-7PU31HB-  
PCBA



- **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.
- **Upstream:** 1 USB port, Type B connector
- **Downstream:** 7 USB ports, Type A connectors
- **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

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 >](#)



<b>Power</b>	<b>Input Voltage</b>	+7~24V DC
	<b>Power Source</b>	2-Pin Terminal Block, AC Adapter Not Included, DC Barrel Jack 2.5mm ID × 5.5mm OD
	<b>Idle Consumption</b>	37.67mA Bus Powered, 68.2mA @ 12V Terminal Power
	<b>External Power Required</b>	No
	<b>Charging Protocols</b>	Charging Downstream Port (CDP), Dedicated Charging Port (DCP)
<b>Compliance</b>	<b>Per USB Port Current</b>	1.5 A
	<b>Country of Origin</b>	Taiwan
	<b>Certifications</b>	<a href="#">REACH</a> , <a href="#">TAA Hubs</a> , <a href="#">RoHS</a>
<b>Physical Characteristics</b>	<b>Item Dimensions (L × W × H)</b>	6.03 × 2.34 × 1.05 in.
	<b>Item Weight</b>	0.04 lbs.
<b>Software</b>	<b>Ports</b>	7 USB Ports
	<b>OS Support</b>	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
<b>Environmental</b>	<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>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>Performance &amp; Safety</b>	<b>Isolated/Surge Protected</b>	Yes
	<b>Max Data Transfer Rate</b>	5Gbps
	<b>Over Current Protection</b>	Yes
	<b>Over Voltage Protection</b>	Yes per buck
	<b>USB Interface</b>	USB 3.2 Gen 1
<b>Other Data</b>	<b>Connector</b>	2-Pin Terminal Block, USB 3.0 Type-B Female, USB Type-A Female
	<b>UPC</b>	045079163546
	<b>Weight</b>	0.1375 lbs
	<b>Dimensions</b>	7 × 4.75 × 0.8 in

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

[Purchase order](#) lets set you up.

 **1-888-688-2188 (Toll free)**

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

✉ [sales@coolgear.com](mailto:sales@coolgear.com)

\*orders placed prior to 3:30pm EST