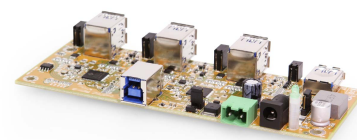




# 7 Port USB 3.2 Gen 1 Hub PCBA w/ 15KV ESD Surge Protection & Port Status LEDs



+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 × 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 >](#)



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)
	ESD Protection	15KV Surge Protection for Each Port
Performance	Isolated/Surge Protected	Yes
	Max Data Transfer Rate	5Gbps
	Over Current Protection	Y
	Over Voltage Protection	Y per buck
Hardware	Chipset	GL 3522
	Charging Protocols	Charging Downstream Port (CDP), Dedicated Charging Port (DCP)
	LED Indicators	Port Status, 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
	Over Voltage Protection	Y per buck
Power	Power Source	2-Pin Terminal Block, AC Adapter Not Included, DC Barrel Jack 2.5mm ID × 5.5mm OD
	Idle Consumption	37.67mA Bus Powered, 68.2mA @ 12V Terminal Power
	External Power Required	No
	OS Support	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
Software	USB Type	USB 3.2 Gen 1
	Upstream USB Ports	1 Type-B Female USB
	Downstream USB Ports	7 Type-A Female USB
	Isolated/Surge Protected	Yes
Mechanical	Item Dimensions (L × W × H)	6.03 × 2.34 × 1.05 in.
	Item Weight	0.04 lbs.
	Ports	7 USB Ports
	Country of Origin	Taiwan
Compliance	Certifications	<a href="#">REACH</a> , <a href="#">TAA Hubs</a> , <a href="#">RoHS</a>
	Connector	2-Pin Terminal Block, USB 3.0 Type-B Female, USB Type-A Female
	UPC	045079163546
	Weight	0.1375 lbs
Other Data	Dimensions	7 × 4.75 × 0.8 in

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

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\*orders placed prior to 3:30pm EST

📞 **1-888-688-2188 (Toll free)**

✉ **sales@coolgear.com**