



# 4 Port Managed USB 3.2 Gen 1 Hub w/ 15KV ESD Surge Protection



Industrial Grade | +7~48V DC Input | Surface Mountable | DIN Rail | 5 Gbps | Screw Lock

Model No. CG-4PU3MGD



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- **Advanced Protection:** The 4-port USB 3.2 Gen 1 hub protects your device with advanced ESD protection. Built-in 15kV ESD surge protection offers you security and assurance that your connected devices will be protected.
- **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.
- **Port Management Software:** Control each individual ports' status, turn bus power on/off, and even reset the entire hub through the hub's management software which supports Windows, Mac, and Linux operating systems
- **Upstream:** 1 USB port, Type B connector, Screw-lock type
- **Downstream:** 4 USB ports, Type A connectors, Screw-lock type
- **LED Indicators:** 4 LEDs for each downstream port to indicate the current bus
- **Mounting Options:** Wall, Surface, and DIN Rail
- **Supply Current:** 1.5A max. per channel

**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 60°C (32 to 140°F)
	Storage Temperature	-20 to 75°C (-4 to 167°F)
	Humidity	5% ~ 95% (non-condensing)
	Altitude	Up to 2000m
Performance	ESD Protection	15KV Surge Protection for Each Port
	Max Data Transfer Rate	5Gbps
	Over Current Protection	Y
Hardware	Chipset	GL 3523
	Charging Protocols	Apple 2.4A, BC 1.2, Charging Downstream Port (CDP), Dedicated Charging Port (DCP), Samsung
	LED Indicators	Port Status, Power
	Per USB Port Current	1.5 A
Product Information	Warranty	1 year from date of purchase
	Input Voltage	+7~48V DC
	Over Current Protection	Y
Power	Power Source	2-Pin Terminal Block, AC Adapter Not Included
	Idle Consumption	1.26mA @ 12V Terminal Power
	External Power Required	Yes
	OS Support	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
Software	Managing Software Utilities	cusba: ARM Based Linux Controller Utility, CUSBC: Windows Console Command Control Utility, cusbi: Intel x86-64 Based Linux Control Utility, USBCTL: Windows GUI
What's in the Box	Package Contents	2-Pin Terminal Block, DIN Rail Clip(s), Hub, Screw Pack, USB-A to Screw Lock USB-B Cable
USB	USB Type	USB 3.2 Gen 1
	Upstream USB Ports	1 Type-B Female USB
	Downstream USB Ports	4 Type-A Female USB
	Screw Lock Compatible	Yes
Mechanical	Color	Black
	Item Dimensions (L × W × H)	6.41 × 2.16 × 1.22 in.
	Item Weight	0.569 lbs
	Mounting Style	Surface / Wall Mount, Din-Rail Mount
Compliance	Material of Construction	Galvanized Steel
	Country of Origin	Taiwan
	Certifications	<a href="#">RoHS</a>
	UPC	045079163096
Other Data	Series	<a href="#">MDS-UH (Managed Hub Series)</a>
	Weight	1.05 lbs
	Dimensions	9.649 × 6.655 × 2.249 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**