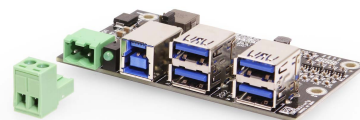# coolgear

4 Port USB 3.2 Gen 1 Powered Hub PCBA w/ ESD Surge Protection

+7~48V DC Input | 5 Gbps | LED Indicators

Model No. **USBG-4U3MLR2-PCBA**

- **Protect Your Equipment:** The 4-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 PCBA 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.
- **Upstream:** 1 USB port, Type B connector
- **Downstream:** 4 USB ports, Type A connectors
- **Power Connector:** 2-Pin Terminal Block
- **Supply Current:** 900mA USB Bus Power for Each Downstream 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** (Local) ✉ **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

Environmental	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-20°C to 85°C (-4°F to 185°F)
	Humidity	5% ~ 95% (non-condensing)
Performance	ESD Protection	15KV Surge Protection for Each Port
	Isolated/Surge Protected	Yes
	Max Data Transfer Rate	5Gbps
	Over Current Protection	Y
	Over Voltage Protection	Y per buck
Hardware	Chipset	GL 3523
	Charging Protocols	BC 1.2, Charging Downstream Port (CDP)
	LED Indicators	Power
	Per USB Port Current	900mA maximum
Product Information	Warranty	1 year from date of purchase
Power	Input Voltage	+7~48V DC
	Over Current Protection	Y
	Over Voltage Protection	Y per buck
	Power Source	2-Pin Terminal Block, AC Adapter Not Included
	Idle Consumption	7mA @ 12V Terminal Power, 9.4mA Bus Powered
	External Power Required	No
Software	OS Support	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
USB	USB Type	USB 3.2 Gen 1
	Upstream USB Ports	1 Type-B Female USB
	Downstream USB Ports	4 Type-A Female USB
	Isolated/Surge Protected	Yes
Mechanical	Color	Black
	Item Dimensions (L × W × H)	3.36 × 2.11 × 0.73 in.
	Item Weight	0.0875 lbs.
	Ports	4 USB Ports
Compliance	Country of Origin	Taiwan
	Certifications	REACH, RoHS
Other Data	UPC	045079163515
	Weight	0.1 lbs
	Dimensions	7 × 4.75 × 0.83 in

Ready to Buy? Let's get to work!

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