Coolgear, Inc.
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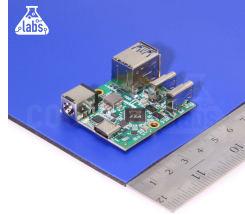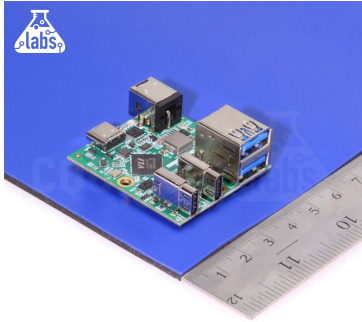**F:** +1-727-209-1302
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Technical Data Sheet Rev 06-240924

Labs Project | 4 Port Type-A & C USB 3.2 Gen 1 Micro Powered Hub PCBA w/ ESD Surge Protection

Model Number: **CGL-817X2CX2AX1CPDv01-DEV**

Features

- Protect Your Equipment: The 4-port hub features 15kV ESD surge protection 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 USB 2.0 / 1.1.
- Upstream: 1 USB port, Type-C connector
- Downstream: 2 USB ports, Type-A connectors / 2 USB ports, Type-C connectors
- Power Connector: DC Barrel 2.5mm ID × 5.5mm OD, Center Pin Positive

Package Contents

- Hub - Board Only

Specifications

PRODUCT TERMS

Product Terms	**NOTICE: This product is currently under development and is only available for purchase in limited quantities to ensure availability for all customers wishing to evaluate the product. Development products are intended for evaluation and testing purposes only and are not meant to be treated as full, finished products. Designs may change at any time. For more information please refer to the Development Product Terms below.
Product Terms URL	https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf

OVERVIEW

Model No	CGL-817X2CX2AX1CPDv01-DEV
Product Type	OEM Boards
Country of Origin	China
LED indicators	None or N/A
Electrical Protections	Yes

PHYSICAL

Ship Weight (lbs)	0.43 lbs
Ship Weight (kg)	0.2 kg

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Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	Type C
Maximum Data Rate	5 Gbps
Downstream Port Count	4
Downstream Port Type	2x Type A USB 3.2 G1 | 2x Type C USB 3.2 G1 / 3.0

POWER

Input Voltage	+7~14V DC

ENVIRONMENTAL

Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20C ~ 70C
Operating Humidity	15 ~ 85% RH

OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required

WARRANTY

Warranty Period	1 Year from date of purchase

PRODUCT URL

Product Page	https://www.coolgear.com/product/labs-project-4-port-type-a-c-usb-3-2-gen-1-micro-powered-hub-pcba-w-esd-surge-protection