Coolgear, Inc.
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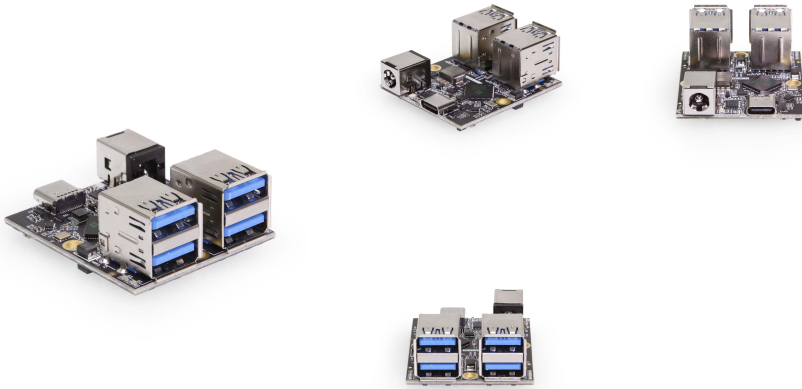**F:** +1-727-209-1302
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Technical Data Sheet Rev 06-240904

4 Port USB 3.2 Gen 1 Micro Powered Hub PCBA w/ GL3590 Chipset & ESD Surge Protection

Model Number: **CG-3590X4AX1C-PD-PCBA**

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.
- Chipset: GL3590
- Upstream: 1 USB port, Type C connector
- Downstream: 4 USB ports, Type A connectors

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	CG-3590X4AX1C-PD-PCBA
Product Type	USB Hub
UPC	045079164444
Country of Origin	China
LED indicators	None or N/A
Chipset	GL3590
Electrical Protections	15KV
PHYSICAL	
Ship Weight (lbs)	0.7 lbs
Ship Weight (kg)	0.32 kg

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Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	USB 3.2G1 / 3.0 Type-C Female
Maximum Data Rate	5 Gbps
Downstream Port Count	4
Downstream Port Type	4x Type A USB 3.2 G1 / 3.0
Works as Standalone Charger	Y - Can be used without Host
Can be Bus Powered	N - External Power Required

POWER

Input Voltage	7 ~ 14V DC
Power Connector	DC barrel, 2.5 ID x 5.5 OD, Center Pin Positive

ENVIRONMENTAL

Operating Temperature	0C ~ 60C
Storage Temperature	-20C ~ 70C
Operating Humidity	15 ~ 85% RH

OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required

WARRANTY

PRODUCT URL

Product Page	https://www.coolgear.com/product/4-port-usb-3-2-gen-1-micro-powered-hub-pcba-w-gl3590-chipset-esd-surge-protection

Participate in our product development process!

Preview and purchase upcoming projects from Coolgear Labs. Play a direct role in helping us bring these prototypes to life. Your personal input would be crucial in this process, and we would be excited to have you on board.

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