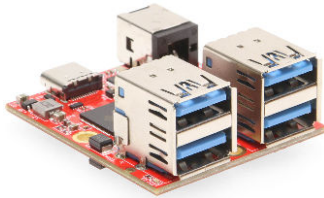


Technical Data Sheet Rev 06-260625

4 Port USB 3.2 Gen 2 Micro Powered Hub DIY Per Port Port Power Control PCBA w/ GL3590 Chipset

Model Number: CG-3590X4AX1C-PDv1-0-DEV



Features

- USB PD 3.2 Gen 2 compliant hub capable of providing power to UFP and DFP ports
- Each port is protected individually to help keep your peripherals safe
- This hub uses a CCG3 PD Cypress chip, each port is on an individual circuit to maintain high current and protection
- Features per-port power switching capability for compatibility with UhubCTL
- UhubCTL offers a software-based approach to device management, as well as energy efficiency and system stability

Package Contents

- PCBA

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-PDv1-0-DEV	Product Type	OEM Boards
Country of Origin	China	LED indicators	None or N/A
Chipset	GL3590	Electrical Protections	15KV Surge Protection for Each Port

PHYSICAL

Ship Weight (lbs)	0.7 lbs	Ship Weight (kg)	0.32 kg
Item Weight	0.7 lbs	Length	1.89 inches
Width	1.58 inches	Height	0.75 inches

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 2
Upstream Port Type	USB 3.2G2 / 3.0 Type-C Female
Maximum Data Rate	10Gbps
Downstream Port Count	4
Downstream Port Type	4x Type A USB 3.2 G2
Can be Bus Powered	Y - Supports Bus Power

POWER

Input Voltage	+7~14V DC
Power Connector	DC barrel, 2.5 ID x 5.5 OD, Center Pin Positive
Idle Power Draw	57mA @ 5V / 35.6mA Bus Power
Max Per Port Draw	2A

ENVIRONMENTAL

Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20 to 75°C (-4 to 167°F)
Operating Humidity	5% ~ 95% (non-condensing)

OS SUPPORT

Supported Operating Systems	Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7
-----------------------------	--

WARRANTY

Warranty Period	1 Year
-----------------	--------

PRODUCT URL

Product Page	https://www.coolgear.com/product/4-port-usb-3-2-gen-1-micro-powered-hub-diy-per-port-port-power-control-pcba-w-gl3590-chipset
--------------	---

USB CHARGING & CONNECTIVITY EXPERTS

We Speak Your Speak



When you reach out to Coolgear support, you'll find yourself in the hands of a solution-oriented and knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

[Visit Support](#)