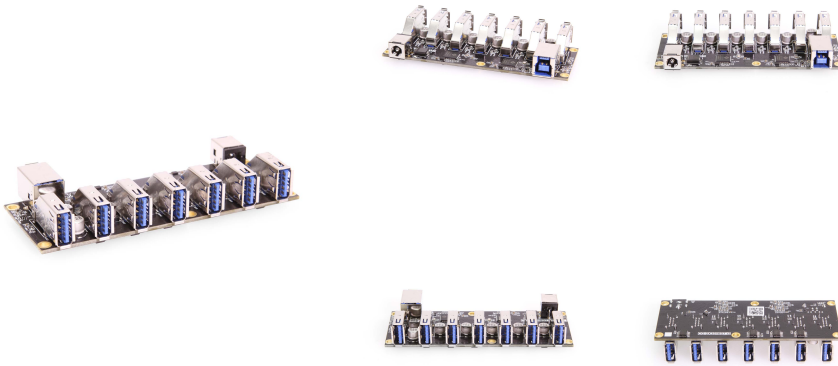


Technical Data Sheet Rev 06-250609

USB 3.2 Gen 1 Mini 7 Port Hub Component w/ ESD Surge Protection – PCBA

Model Number: CG-2x3510S7-BOARD



Features

- Compliant with USB 3.2 Gen 1 Specification
- 1 control pipe and 1 interrupt pipe
- ESD protection per port: ± 15 kV(Air), ± 15 kV(Contact)

Package Contents

- Hub - Board Only

Specifications

PRODUCT TERMS

Product Terms	NOTICE: Coolgear strongly recommends purchasing one to two (1–2) units for initial evaluation. This product is intended for integration, evaluation, and testing purposes only, to assess its suitability and identify potential modifications for a specific use case. It is not designed for single-use scenarios. Before integrating this product into your project or placing a large-quantity order, please contact Coolgear to discuss your project requirements. For more details, 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-2x3510S7-BOARD	Product Type	USB Hub
UPC	045079160873	Country of Origin	China
LED indicators	Power	Chipset	GL3510
Electrical Protections	N/A		

PHYSICAL

Ship Weight (lbs)	0.2 lbs	Ship Weight (kg)	0.09 kg
Length	4.25 inches	Width	1.65 inches
Height	0.70 inches		

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	USB 3.2G1 / 3.0 Type-B Female
Maximum Data Rate	5 Gbps
Downstream Port Count	7
Downstream Port Type	7x Type A USB 3.2 G1 / 3.0
Works as Standalone Charger	N - Requires Host to function
Can be Bus Powered	Y - Supports Bus Power

POWER

Input Voltage	5V DC
Power Connector	DC barrel, 2.5 ID x 5.5 OD, Center Pin Positive
Idle Power Draw	70 mA @5v
Max Power Draw	15W
Max Per Port Draw	500 mA (2.5w)

ENVIRONMENTAL

Operating Temperature	0C ~ 55C
Storage Temperature	-20C ~ 75C
Operating Humidity	5% to 95% RH

OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required
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WARRANTY

Warranty Period	1 Year
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PRODUCT URL

Product Page	https://www.coolgear.com/product/7-port-usb-3-2-gen-1-mini-powered-hub-w-esd-surge-protection-pcba
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USB CHARGING & CONNECTIVITY EXPERTS

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