Coolgear, Inc.
5120 110th Ave N
Clearwater, FL 33760 USA

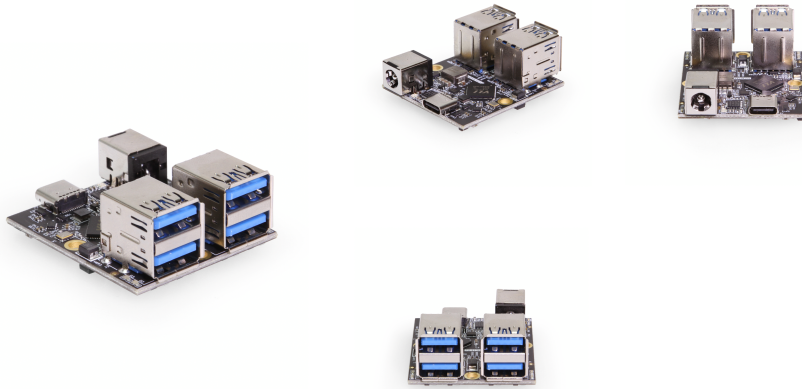**P:** +1-727-209-1300
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Technical Data Sheet Rev 06-240919

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

Model Number: **CG-817X4AX1C-PD-PCBA**

Features

- USB PD 3.2 Gen 1 compliant hub capable of providing power to UFP and DFP ports
- 4 Downstream ports supporting Super-Speed (SS), High-Speed (HS) and Full-Speed (FS) traffic
- PD compatible provides advertisement of Single PDO, 5V 3A output on UFP port so it can power low current Mobile devices (tablets/cellphones)
- Independent ESD protection for each port on all Data Lines for USB 2.0 and USB 3.0 (including input port)
- Power Connector: DC Barrel 2.5mm ID x 5.5mm OD, Center Pin Positive

Package Contents

- Hub - Board Only

Specifications

OVERVIEW	
Model No	CG-817X4AX1C-PD-PCBA
Product Type	USB Charger Hub
Compliance	None or N/A
UPC	045079163973
Country of Origin	China
LED indicators	None or N/A
Chipset	VL817
Electrical Protections	15KV Surge Protection for Each Port
PHYSICAL	
Ship Weight (lbs)	0.7 lbs
Ship Weight (kg)	0.32 kg
Material	N/A
Color	Black
Mountable	Bare PCB

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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	4x Type A USB 3.2 G1 / 3.0
Can be Bus Powered	N - External Power Required

POWER	
Input Voltage	+7~14V DC

ENVIRONMENTAL	
Operating Temperature	0C ~ 55C
Storage Temperature	-20C ~ 75C
Operating Humidity	5% ~ 95% (non-condensing)

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

WARRANTY	
Warranty Period	1 Year

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