Coolgear, Inc.
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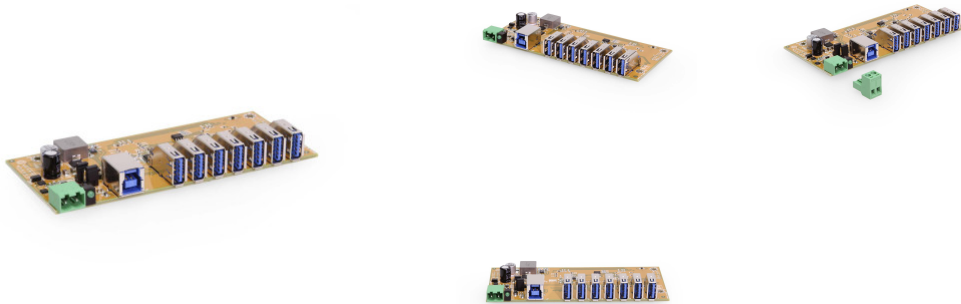**F:** +1-727-209-1302
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Technical Data Sheet **Rev 05.220630**

7 Port USB 3.2 Gen 1 Hub PCBA w/ Surge Protection

Model Number: **USBG-7U3ML-PCBA**

Features

- USB 3.0 Compliant with up to 5Gbps data transfer speeds
- Adds 7 Downstream USB 3.0 Data Ports backward compatible with USB 2.0/1.1 speeds.
- Voltage range is +7V to 24V DC input

Package Contents

- Hub - Board Only

Specifications

OVERVIEW

Model No	USBG-7U3ML-PCBA
Product Type	USB Hub
Compliance	RoHS | TAA
UPC	045079163539
Country of Origin	Taiwan
LED indicators	Power
Chipset	GL3520
Electrical Protections	±15kV (air), ±8kV (contact)

PHYSICAL

Ship Weight (lbs)	2 lbs
Ship Weight (kg)	0.91 kg
Item Weight	0.156 lbs
Length	5.16 inches
Width	2.28 inches
Height	0.70 inches
Material	N/A
Color	Yellow
Mountable	Bare PCB

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Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
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	Y - Can be used without Host
Can be Bus Powered	Y - Supports Bus Power
Bus Power Isolation Supports Disabling Bus Power	Y

Power

Input Voltage	7 ~ 24V DC
Power Connector	Phoenix 2-pin
Idle Power Draw	70 mA @ 12V Terminal Power, 37.9 mA Bus Powered
Max Power Draw	50W
Max Per Port Draw	1.5A (7.5W)
Supported Charge Protocols	Apple Charge 2.4A | CDP | DCP

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

WARRANTY

Warranty Period	1 Year

PRODUCT URL

USBG-7U3ML-PCBA Product Page	https://www.coolgear.com/product/7-port-usb-3-2-gen-1-hub-pcba-w-surge-protection