

Technical Data Sheet Rev 09-260909

12-Port USB 3.2 Gen1 w/15KV ESD Surge Protection DIN Rail Mount

Model Number: **CG-12PU31HB**



Features

- Compliant with USB 3.2 Gen1 Specifications
- Rigid Wall-Mountable Metal Case
- Supports 15KV ESD Surge Protection for Each Port
- 1.5A per USB port with thermal shutdown at 2A per port

Package Contents

- 2-Pin Terminal Block
- DIN Rail Bracket
- Hub
- Mounting Bracket
- Screw Pack
- USB Cable

OVERVIEW

SKU	CG-12PU31HB
UPC	045079159679
Country of Origin	Taiwan
Manufacturer	CoolGear
Warranty	One Year
Certifications	REACH, RoHS, TAA
Product URL	https://www.coolgear.com/product/12-port-usb-31-gen1-metal-hub-15kv-esd-surge-protection-and-din-rail-mounting-kit

PHYSICAL

Item Dimensions (Inches) (LxWxH)	5.22 × 2.56 × 1.89 in.
Item Weight (Lbs.)	0.81 lb.
Package Weight (Lbs.)	1.61 Lbs.
Color	Black
Material of Construction	Steel
Mounting Style	Din-Rail Mount, Din-Rail (Optional Bracket), Surface Mount, Wall Mount

TECHNICAL DATA	
LED Indicators	Power
Chipset	GL3523
PACKAGE CONTENTS	
CONNECTIONS	
USB Specification	USB 3.2 Gen 1 (5Gbps)
Downstream Port	12x Type A USB 3.2 Gen 1 (5Gbps)
Upstream Port	1x Type B USB 3.2 Gen 1 (5Gbps)
Screw Lock Compatible	No
POWER	
Works as Standalone Charger (Does Not Require Host)	Y - Can be used without Host
Power Input Connector Type	Phoenix 2-pin
Input Voltage Range (V DC)	7 ~ 24V DC
Maximum Power (W)	60W
Maximum Per Port Draw	2A for Single Port. 1A(5W) Across All Ports.
Idle Power Draw	32.66mA Bus Powered, 89.9mA @ 12V Terminal Power
Over Current Protection	Y
Over Voltage Protection	Yes, per buck
ESD Protection	15kV (air), 8kV (contact)
Surge Protection	Yes
Min Input Voltage	7V
Max Input Voltage (DNE)	24V
Charging Protocols	Apple Charge 2.4A, CDP, DCP
Charging Downstream Port (CDP) Support	Yes
Dedicated Charging Port (DCP) Support	Yes
ENVIRONMENTAL	
Operating Temperature	0C ~ 55C
Storage Temperature	-20C ~ 75C
Humidity	5% to 95% RH

OS / SOFTWARE

OS Compatibility

- Windows 11
- Windows 10
- Windows 8
- Windows 7
- Windows Vista
- Windows XP
- Linux
- Mac OS

USB Charging & Connectivity Experts

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