

Technical Data Sheet Rev 05.240205

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

Specifications

OVERVIEW

Model No	CG-12PU31HB
Product Type	USB Hub
Compliance	REACH RoHS TAA
UPC	045079159679
Country of Origin	Taiwan
LED indicators	Power
Chipset	GL3522
Electrical Protections	±15kV (air), ±8kV (contact)

PHYSICAL

Ship Weight (lbs)	1.61 lbs
Ship Weight (kg)	0.73 kg
Item Weight	0.806 lbs
Length	5.22 inches
Width	2.56 inches
Height	1.89 inches
Material	Steel
Color	Black
Mountable	Din-Rail Mount Surface Mount Wall Mount

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Maximum Data Rate	5 Gbps
Downstream Port Count	12
Downstream Port Type	12x 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
Min Input Voltage	7V
Max Input Voltage (DO NOT EXCEED)	24V
Power Connector	Phoenix 2-pin
Idle Power Draw	32.66mA Bus Powered, 89.9mA @ 12V Terminal Power
Max Power Draw	60W
Max Per Port Draw	2A for Single Port. 1A(5W) Across All Ports.
Supported Charge Protocols	Apple Charge 2.4A BC 1.2 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
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WARRANTY

Warranty Period	1 Year
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PRODUCT URL

CG-12PU31HB Product Page	https://www.coolgear.com/product/12-port-usb-31-gen1-metal-hub-15kv-esd-surge-protection-and-din-rail-mounting-kit
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