

Technical Data Sheet Rev 10-261008

7 Port USB 3.1 Gen1 Hub 15KV ESD Surge Protection w/Power Adapter

Model Number: **CG-7PU31HB**



Features

- Compact metal hub expands to 7 USB 3.1 ports
- Compliant with USB 3.1 Specifications
- Horizontal surface or DIN Rail Mountable
- 15KV ESD Surge Protection per port
- Supports 5Gbps (Super-speed), 480Mbps (High-speed), 12Mbps (Full-speed) and 1.5Mbps (Low-speed) Speed

Package Contents

- 2-Pin Terminal Block
- Hub
- Power Cable
- Power Supply
- USB Cable

OVERVIEW

SKU	CG-7PU31HB
UPC	045079159648
Country of Origin	Taiwan
Manufacturer	CoolGear
Warranty	One Year
Certifications	REACH, RoHS, TAA
Product URL	https://www.coolgear.com/product/7-port-usb-31-gen1-metal-hub-15kv-esd-surge-protection-power-adapter

PHYSICAL

Item Dimensions (Inches) (LxWxH)	6.02 × 2.33 × 1.04 in.
Item Weight (Lbs.)	0.64 lbs
Package Weight (Lbs.)	1.74 lbs
Color	Black
Material of Construction	Steel

PHYSICAL

Mounting Style	Surface Mount, Surface / Wall Mount, Wall Mount
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TECHNICAL DATA

LED Indicators	Port Status, Power
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Chipset	GL 3523
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PACKAGE CONTENTS

Power Adapter Input Current	1A
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CONNECTIONS

USB Specification	USB 3.2 Gen 1 (5Gbps)
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Downstream Port	7x Type A USB 3.2 Gen 1 (5Gbps)
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Upstream Port	1x Type B USB 3.2 Gen 1 (5Gbps)
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Screw Lock Compatible	Yes
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POWER

Works as Standalone Charger (Does Not Require Host)	Y - Can be used without Host
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Power Input Connector Type	DC Barrel (5.5mm OD x 2.5mm ID, Center Pin Positive)
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Input Voltage Range (V DC)	7 ~ 24V DC
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Maximum Per Port Draw	1.5A
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Idle Power Draw	37.67mA Bus Powered, 68.2mA @ 12V Terminal Power
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Over Current Protection	Yes
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Over Voltage Protection	Yes, per buck
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ESD Protection	15kV
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Isolated	Yes
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Charging Protocols	Apple Charge 2.4A, BC 1.2, CDP, DCP
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Charging Downstream Port (CDP) Support	Yes
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Dedicated Charging Port (DCP) Support	Yes
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ENVIRONMENTAL

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

TECHNICAL DATA

OS Compatibility

- Windows 11
- Windows 10
- Windows 8
- Windows 7
- Linux
- Mac OS
- OS independent - No software or drivers required

USB CHARGING & CONNECTIVITY EXPERTS

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