

Technical Data Sheet Rev 06-250730

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

Model Number: CG-16PU31H



Features

- Compliant with USB 3.1 Gen1 Specifications
- Supports 5Gbps (Super-speed), 480Mbps (High-speed), 12Mbps (Full-speed) and 1.5Mbps (Low-speed) Speed
- 1 USB-B Upstream and 16 USB-A Downstream USB 3.1 Gen1 Facing Ports
- Supports 15KV ESD Surge Protection for Each Port
- Supports DIN RAIL Mounting Kit and Horizontal Mounting Bracket

Package Contents

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

Specifications

OVERVIEW

Model No	CG-16PU31H	Product Type	USB Hub
Compliance	REACH RoHS Hubs TAA Hubs	UPC	045079159426
Country of Origin	Taiwan	LED indicators	Power
Chipset	GL3522	Electrical Protections	±15kV (air), ±8kV (contact)

PHYSICAL

Ship Weight (lbs)	1.63 lbs	Ship Weight (kg)	0.74 kg
Item Weight	0.819 lbs	Length	5.22 inches
Width	2.56 inches	Height	1.89 inches
Material	Steel	Color	Black
Mountable	Desktop Din-Rail Surface Mount Wall Mount		

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	USB 3.2G1 / 3.0 Type-B Female
Maximum Data Rate	5 Gbps
Downstream Port Count	16
Downstream Port Type	16x 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	Y

POWER

Input Voltage	7 ~ 24V DC
Power Connector	Phoenix 2-pin
Idle Power Draw	134mA @ 12V Terminal Power, 40.98mA Bus Powered
Max Power Draw	40W
Max Per Port Draw	2.0A
Supported Charge Protocols	Apple Charge 2.4A CDP DCP

ENVIRONMENTAL

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

OS SUPPORT

Supported Operating Systems	Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7
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WARRANTY

Warranty Period	1 Year
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PRODUCT URL

Product Page	https://www.coolgear.com/product/16-port-usb3-gen1-metal-hub-surge-protection-din-rail
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