

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

V-1				
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		



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 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 supported Operating Systems Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7 WARRANTY Warranty Perlod 1 Year Product Page https://www.coolgear.com/product/16-port-usb3-gen1-metal-hub-surge-protection-din-rail <th>Specifications Cont.</th> <th></th>	Specifications Cont.		
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 WARRANTY Warranty Period 1 Year	CONNECTIONS		
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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 0C - 75C Operating Humidity 5% - 95% (non-condensing) OS SUPPORT Supported Operating Systems Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7 WARRANTY Warranty Period 1 Year PRODUCT URL	Maximum Data Rate	5 Gbps	
Works as Standalone Charger Y - Can be used without Host 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 WARRANTY Warranty Period 1 Year PRODUCT URL	Downstream Port Count	16	
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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 WARRANTY Warranty Period 1 Year PRODUCT URL	Can be Bus Powered	Y - Supports Bus 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 WARRANTY Warranty Period 1 Year PRODUCT URL	Bus Power Isolation	Y	
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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 8 Windows 7 WARRANTY Warranty Period 1 Year PRODUCT URL	Power Connector	Phoenix 2-pin	
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 8 Windows 7 WARRANTY Warranty Period 1 Year PRODUCT URL	Idle Power Draw	134mA @ 12V Terminal Power, 40.98mA Bus Powered	
Supported Charge Protocols 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 8 Windows 7 WARRANTY Warranty Period 1 Year PRODUCT URL	Max Power Draw	40W	
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 WARRANTY Warranty Period 1 Year PRODUCT URL	Max Per Port Draw	2.0A	
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 WARRANTY Warranty Period 1 Year PRODUCT URL	Supported Charge Protocols	Apple Charge 2.4A CDP DCP	
Storage Temperature -20C ~ 75C Operating Humidity 5% ~ 95% (non-condensing) OS SUPPORT Supported Operating Systems Linux OSX 10 Windows 11 Windows 8 Windows 7 WARRANTY Warranty Period 1 Year PRODUCT URL	ENVIRONMENTAL		
Operating Humidity 5% ~ 95% (non-condensing) OS SUPPORT Supported Operating Systems Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7 WARRANTY Warranty Period 1 Year PRODUCT URL	Operating Temperature	0C ~ 55C	
OS SUPPORT Supported Operating Systems Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7 WARRANTY Warranty Period 1 Year PRODUCT URL	Storage Temperature	-20C ~ 75C	
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WARRANTY Warranty Period 1 Year PRODUCT URL	OS SUPPORT		
Warranty Period 1 Year PRODUCT URL	Supported Operating Systems	Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7	
PRODUCT URL	WARRANTY		
	Warranty Period	1 Year	
Product Page https://www.coolgear.com/product/16-port-usb3-gen1-metal-hub-surge-protection-din-rail	PRODUCT URL		
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