



## Technical Data Sheet

# 4 Port Type-C USB 3.1 Gen2 Hub VLI Chip with DIN Rail Mounting Kit

Model Number: CG-4P31CHUB



USB 3.1 Type-C Hub providing up to 10Gbps Data transmission includes a rigid Wall and DIN Rail Mounting Kit to support both USB-A and USB-C connections securely. It is backward compatible with your earlier versions of USB data speeds, light weight, and versatile. The CG-4P31CHUB USB 3.1 Type-C Hub uses a 2-pin terminal block connection for input power of +7 – 24V DC for the downstream facing ports. It is backward compatible with 5Gbps (Super-Speed), 480Mbps (High-Speed), 12Mbps (Full-Speed), and 1.5Mbps (Low-Speed) data rates. The plastic mounting plate for the DIN Rail Clips snaps on to the bottom of the hub for secure mounting.

### Features

- Compliant with USB 3.1 Gen2 Specifications
- Rigid plastic Wall and DIN Rail Mounting Case.
- Provides 4 (2 USB-C and 2 USB-A) Downstream facing USB 3.1 Ports
- Supports 10Gbps(Super-Speed Plus), 5Gbps (Super-Speed), 480Mbps(High-Speed), 12Mbps(Full-Speed), and 1.5Mbps(Low-Speed) data rates
- Multi Transaction Translators (TT) per Hub
- Support USB Battery Charging: SDP, CDP and DCP modes
- Built with the VLI VL820-Q8 chip

### Product Information

- **Model Number:** [CG-4P31CHUB](#)
- **Packing List:**
  - 4 Port USB 3.1 Gen2 Hub
  - Wall/DIN Rail Mounting Kit
  - Power Supply
  - 3ft. USB-C to C Male Cable
  - 4 Rubber Foot Pads
  - Paper Installation Guide
- **Optional Accessories:** N/A

## Specifications

### OVERVIEW

Product Type	USB 3.1 Gen2 Hub 10Gbps (Backward compatible with USB 2.0/1.1)
Electrical Protections	N/A
Mountable	DIN Rail Mounting (DIN Rail Mounting Kit Included)
Construction	Plastic
Applications	Data Centers, Automotive peripheral installation, Machine Equipment, Office, and others
Certs / Compatibility	RoHS

### CONNECTIONS

Type-A Downstream Ports	4 (2 USB-C ports and 2 USB-A ports)
Type-C Upstream Ports	1 (USB-C port)
7 - 24V DC Input Power	7 - 24V DC Terminal Block Input Connector

### AVAILABLE POWER MODES

Mode 1	N/A
Mode 2	Self power source (+7 - 24VDC from Power Source)

### ENVIRONMENTAL

Operating Temperature	0 to 55°C (32 TO 131°F)
Operating Humidity	5 to 95% RH
Storage Temperature	-20°C to 85°C (-4 to 185° F)

### DIMENSIONS

Length	5.95" (151.1 mm)
Width	2.44" (62.0 mm)
Height	1.33" (34.0 mm)

### OS SUPPORT

Windows	Windows 7, Windows 8, Windows 10
Other	Linux and Mac OS 10.X

### LED

Power	1 Power LED on Top
Downstream Ports	1 LED per Port

### WARRANTY

Warranty Period	1 year from date of purchase
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### PRODUCT URL

CG-4P31CHUB Product Page	<a href="https://www.coolgear.com/product/4-port-type-c-usb-3-1-gen2-hub-with-din-rail-mounting-kit">https://www.coolgear.com/product/4-port-type-c-usb-3-1-gen2-hub-with-din-rail-mounting-kit</a>
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