



## Technical Data Sheet

# USB C Hub 4 Port USB 3.1 Gen1 SuperSpeed USB C Upstream

Model Number: CG-4PU31C2P



USB C hub provides 4 USB 3.1 Gen1 ports to include 3 USB-A ports and 1 USB C port. 1 Downstream and 1 upstream port use the reversible USB C connector. USB C hub is a Gen1 hub using USB 3.1 to support Super-Speed 5Gbps data transmission speeds and takes advantage of the reversible type-C port in both directions. This hub is self powered with a 2-pin terminal block connector to supply power input of +7 ~ 48V DC sold separately.

### Features

- Compliant with USB 3.1 Gen1 Specifications
- Rigid and Wall and DIN Rail Mountable Metal Case
- Provides 4 (1 USB-C and 3 USB-A) downstream facing USB 3.1 ports (1 USB-C Upstream Port)
- Uses included USB 3.1 C to A cable for upstream data
- Support USB Battery Charging: CDP and DCP modes
- Supports 5Gbps (super-speed), 480Mbps (High-Speed), 12Mbps (Full-Speed), and 1.5Mbps (low-speed) speeds
- Supports 15KV ESD Surge Protection
- Multi Transaction translators (TT) per hub

### Product Information

- **Model Number:** CG-4PU31C2P
- **Packing List:**
  - 4 Port USB 3.1 Hub
  - DIN Rail Mounting Clips and Screws
  - 3ft. USB 3.0 C to A Cable
  - Paper Installation Guide
- **Optional Accessories:** Power adapter is sold separately.

## Specifications

### OVERVIEW

Product Type	USB 3.1 Hub (Backward compatible with USB 2.0/1.1)
Electrical Protections	Supports 15KV ESD Surge Protection
Mountable	Wall and DIN Rail Mounting (DIN Rail Clips Included)
Construction	Metal
Applications	Data Centers, Automotive peripheral installation, Machine Equipment, Kiosk, Office, and others
Certs / Compatibility	RoHS, CE, FCC, WEEE

### CONNECTIONS

Type-A Downstream Ports	4 (3 USB-A ports and 1 USB-C port)
Type-C Upstream Ports	1 (USB-C)
7 – 48V Input Power	2-pin terminal block connector

### AVAILABLE POWER MODES

Mode 1	Bus
Mode 2	Self power source (+7~48VDC from 2-pin terminal connector)

### 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	4.50" (11.45 cm)
Width	2.26" (5.73 cm)
Height	1.03" (2.63 cm)

### OS SUPPORT

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

### LED

Power	1(green)
Downstream Ports	N/A

### WARRANTY

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

CG-4PU31C2P Product Page	<a href="https://www.coolgear.com/product/usb-c-hub-4-port-usb-3-1-gen1-superspeed-usb-c-upstream">https://www.coolgear.com/product/usb-c-hub-4-port-usb-3-1-gen1-superspeed-usb-c-upstream</a>
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