



Technical Data Sheet

USB-C to USB-B Power Delivery USB 3.1 Adapter w/Mounting Kit

Model Number: CG-UCUSBPDB



The CG-UCUSBPDB USB3.1 Type-C to Type-B Gen1/Gen2 adapter is designed to add the Type-C featured Devices for Type-B Host. It allows the new USB Type-C devices to be added to the legacy type-B Host. Type-C can deliver power at up to 100 watts at 20 volts. This means that larger devices can now be charged from USB, including laptops and monitors. Supports Default 4 Source PDOs: 20V/5A, 14.5V/2A, 12V/3A and 5V/3A.

Features

- Compliant with USB3.1 Gen 1 and Gen 2
- One Type-C Connector Supports DFP Devices
- One Type-B USB3.1 Gen 1/Gen 2 UFP Connector for Host
- Supports USB PD (Power Delivery), work as a Source
- Detachable Mounting Kit for Wall or DIN Rail Mounting Options
- DC Power Input: 18~20V DC, from DC Jack or TB
- Supports Default 4 Source PDOs: 20V/5A, 14.5V/2A, 12V/3A and 5V/3A
- Output Negotiated Power over Terminal Blocks

Product Information

- **Model Number:** CG-UCUSBPDB
- **Packing List:**
 - USB-C to USB-B Power Delivery Adapter
 - 3ft. USB-C to C cable
 - Detachable Mounting Kit
 - Power Supply and Power Cord
 - Paper Installation Guide
- **Optional Accessories:** N/A

Specifications

OVERVIEW

Product Type	USB 3.1 PD Adapter
Electrical Protections	N/A
Mountable	DIN Rail Mountable (using the detachable mounting kit)
Construction	Plastic
Applications	tablets, laptops, keyboards, mice, monitors, printers, scanners, PC Cameras, smartphones, hard drives, joysticks, virtual reality helmets, modems, PBX and many more USB devices
Certs / Compatibility	RoHS, CE, FCC, WEEE

CONNECTIONS

Type-C Downstream Ports	1
Type-B Upstream Ports	1
18 – 20V Input Power	5-pin terminal block

AVAILABLE POWER MODES

Mode 1	N/A
Mode 2	Self power source (+18~20VDC from 5-pin Terminal Blocks)

POWER DELIVERY

PDO Supported	20V/5A, 14.5V/2A, 12V/3A and 5V/3A
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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	3.24"
Width	1.74"
Height	0.87"

OS SUPPORT

Windows	N/A
Other	N/A

LED

Power	1
Downstream Ports	N/A

WARRANTY

Warranty Period	1 year from date of purchase
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PRODUCT URL		
CG-UCUSBPDB Page	Product	https://www.coolgear.com/product/usb-c-usb-b-power-delivery-adapter-wmounting-kit

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