

gearmo®

User Manual

**10-Port USB 3.2 Gen 2 Hub w/ 6 Type-A Ports, 4
Type-C Ports, & ESD Protection Model No. GM-HU310CA-DW**

gearmo.com

Contents

- Introduction	1
- System Requirements	1
- Package Contents	1
- Hub Layout	2
- Installation	2
- Mounting	3
- Checking the Hub Installation	4
- Specifications	4

Introduction

▶ Thank you for purchasing Gearmo's **Industrial 10-Port USB 3.2 Gen 2 Type-C Hub GM-HU310CA-DW!** Please read the manual in detail first before you begin using this hub. The specifications are subject to change without notice.

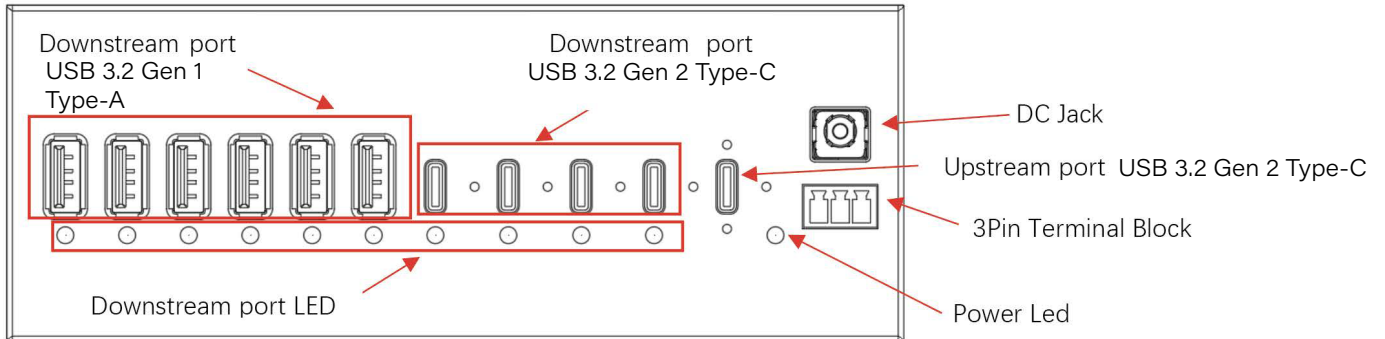
System Requirements

- ▶ **Desktop** or **Notebook Computer** with an Available USB Type-A or USB Type-C Port
- ▶ **Windows 11** (32/64-bit), **Windows 10** (32/64-bit), **8** (32/64-bit), **7** (32/64-bit), **Vista** (32/64-bit), **XP** (32/64-bit)
- ▶ **Mac OS** Lowest or Latest Versions

Package Contents

- ▶ Industrial 10-Port USB 3.2 Gen 2 Type-C & A Industrial Hub
- ▶ DC Barrel Power Supply
- ▶ USB Type-C to Type-C Screw-Locking Cable
- ▶ DIN-Rail & Wall Mounting Kit
- ▶ 3-Pin Terminal Block
- ▶ Screw Package

Hub Layout

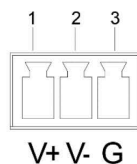
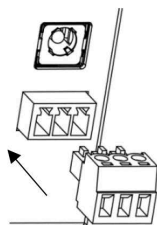


- 2.1 Power Led: Turns on indicates the hub was powered.
- 2.2 Upstream port USB 3.2 Gen 2 Type-C: Connection to the host.
- 2.3 Downstream port USB 3.2 Gen 1 Type-A: For USB devices and cabling.
- 2.4 Downstream port USB 3.2 Gen 2 Type-C: For USB devices and cabling.
- 2.5 Power Input Connect: There are 2 connectors (the 3-pin Terminal Block and the DC-Jack, choose either one but not both simultaneously) to power the hub. The input voltage can be in the range from +9V to 24V DC.

Installation

1. Power

- The USB 3.2 Gen 2 Hub requires a **9-24V DC** external power source to work.
- Power up the USB Hub through either the included power supply **DC Power Jack** or optional **3-Pin Terminal Block**.



PIN	
1	9-24V DC
2	GND
3	EGND

2. Host Connection

- Connect the Type-C connector of the cable to your USB host port, then connect the other Type-C end connector to this hub. Since this USB hub is plug-and-play, you do not have to turn off your host computer when installing the hub.

3. Hardware

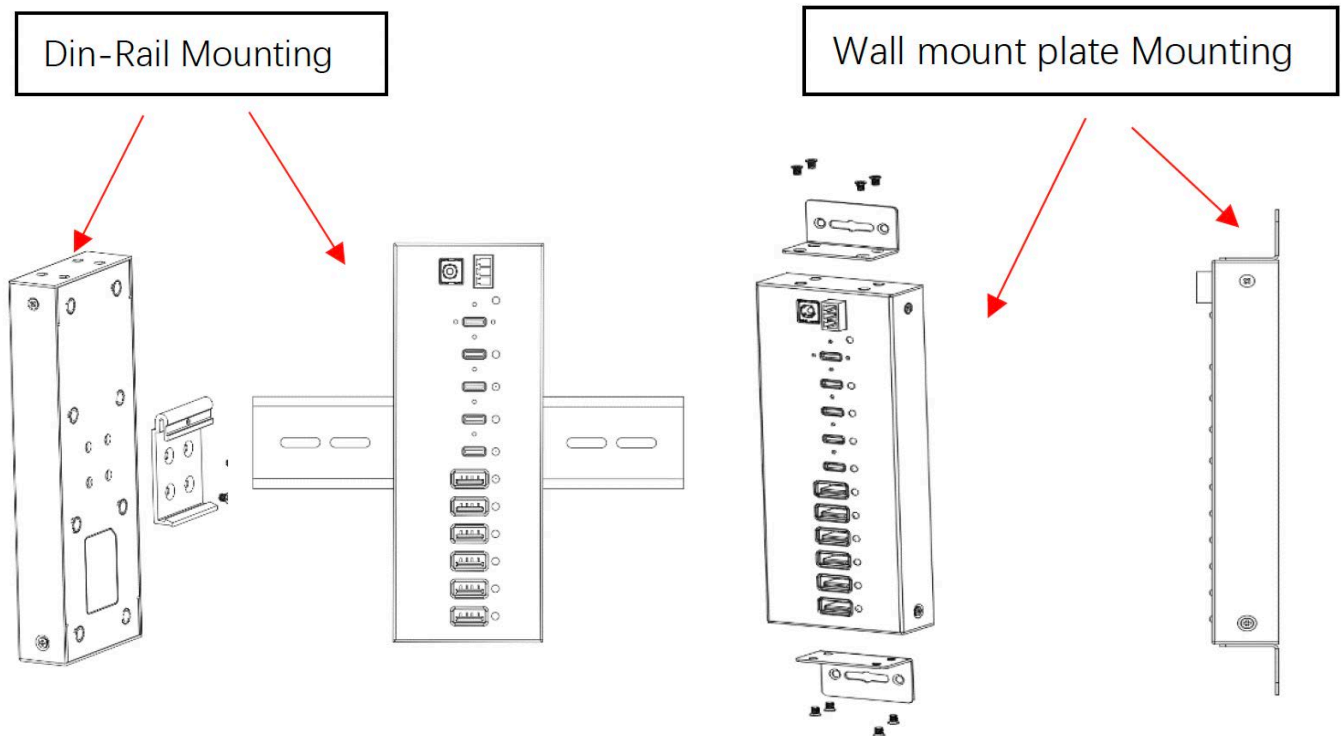
- Mount your hub on the **Wall, Surface or Din Rail**, if needed.

DIN Rail Mounting

- ▶ Use the included screws to install the DIN Rail Clip to the hub.
- ▶ Insert the top of the DIN Rail Clip onto the DIN Rail Track, then gently push the bottom of the hub to secure it to the DIN Rail Track.

Surface / Wall Mounting

- ▶ Use the included screws to mount the hub to the wall or smooth surface.



Checking the Hub Installation

- ▶ 1. Right click My Computer -> Open Device Manager
- ▶ 2. Double click Universal Serial Bus Controller
- ▶ 3. Double click Generic USB Hub, the message will show that this device is working properly

Specifications

- ▶ Supports all USB 1.1 to 3.2 compatible peripherals, max data transfer rate: 10Gbps
- ▶ 9-24V DC input
- ▶ Power Consumption: 190mA @ 12V DC, 110mA @ 24V DC
- ▶ Support Systems Windows Vista/7/8/10/11/Mac OS
- ▶ Support USB 3.2 plug and play
- ▶ 15KV ESD surge protection
- ▶ Operating temperature 0-50° C