gearmo®

2-Port USB 3.2 Gen 1 Industrial Surface & DIN-Rail Mount Hub w/ Gigabit Ethernet & DB9 FTDI Serial

Model No.   GM-HU32ES

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Contents

Introduction

▶ Thank you for purchasing Gearmo's **2-Port USB 3.2 Gen 1 Industrial Surface & DIN-Rail Mount Hub w/ Gigabit Ethernet & DB9 Serial FTDI Chipset**! 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** (64-bit), **10** (32/64-bit), **8** (32/64-bit), **7** (32/64-bit)
▶ **Mac OSX** Lowest or Latest Versions

Package Contents

▶ Industrial 2-Port USB & Serial 3.2 Gen 1 Hub
▶ User Manual
▶ Power Adapter with DC Barrel Connector
▶ USB Type-A to Type-B Cable
▶ DIN-Rail & Wall Mounting Kit
▶ 3-Pin Terminal Block
▶ Screw Package
▶ Driver Disc

Hub Layout

Terminal Block

DC Power Jack

Upstream Port
USB Type-B

Downstream Ports
USB Type-A

Ethernet Port
RJ-45

Downstream Port
RS-232 DB9
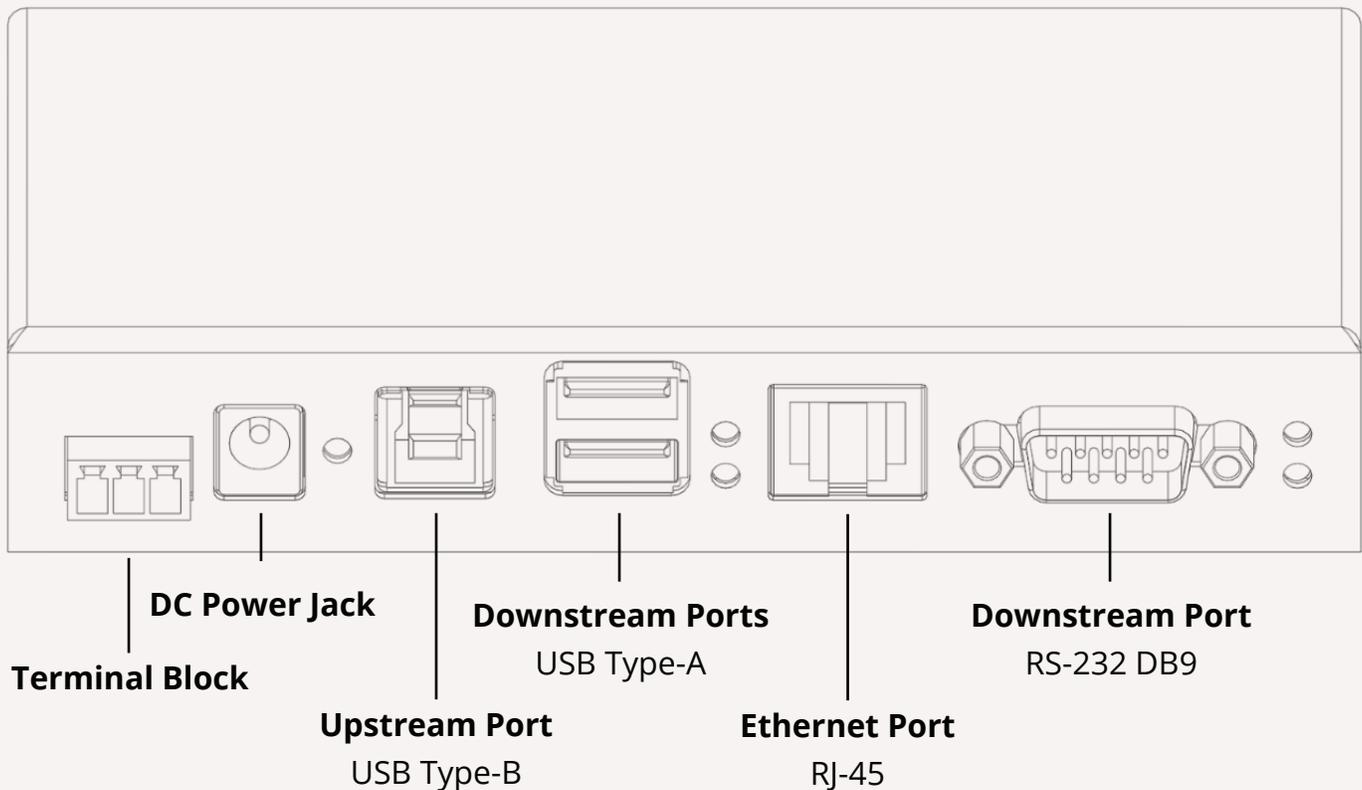
Installation

1. Power

   - The USB 3.2 Gen 1 Hub requires a **9~48V DC** external power source to work.

   - Power up the USB Hub through either the **Included DC Power Jack Adapter** or **3-Pin Terminal Block**.

2. 3-Pin Terminal Block

   - Plug the included terminal block to the hub's terminal block connector.

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.
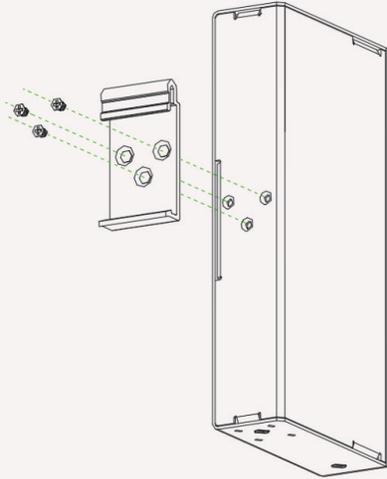
▶ Insert the top of the DIN Rail Clip onto the DIN Rail Track, then gently push the bottom of the hub to secure it to the DIN Rail Track.
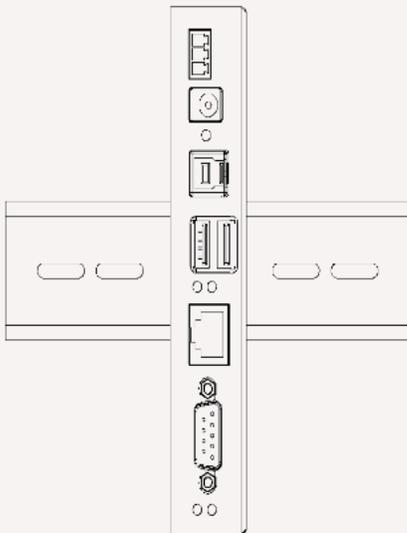
Surface / Wall Mounting

▶ Use the included screws to affix the surface mounting flanges to the hub. Use surface mounting screws attach hub to the wall or smooth surface *(surface mounting screws not included)*.
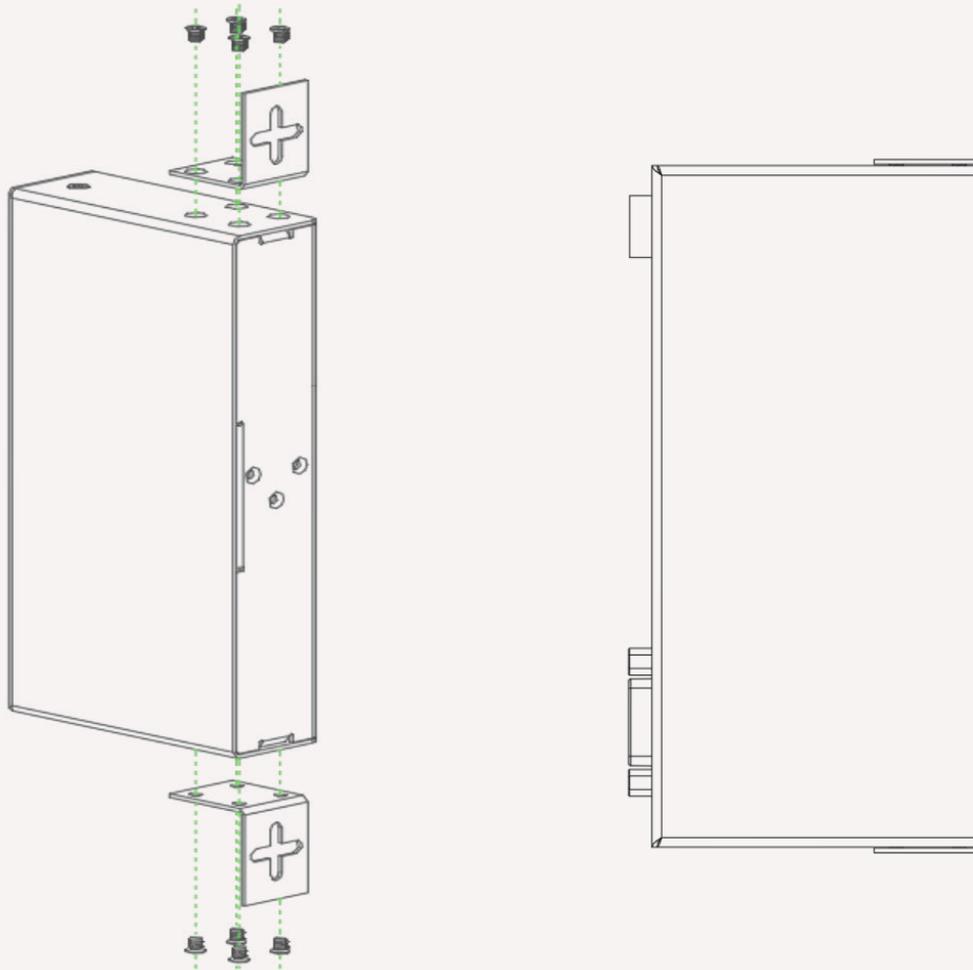
Specifications

- ▶ Support all USB 1.1 to 3.2 Gen 1 compatible peripheral device data transfer upto 5Gbps
- ▶ Support Ethernet 10/100/1000 Mbps
- ▶ Single RS232
- ▶ 9-48V DC input
- ▶ Support LED indicator
- ▶ Supported OS Systems Windows 11/10/8/7 and Mac OS
- ▶ Support USB 3.0 plug and play
- ▶ 15KV ESD surge protection
- ▶ Operating temperature 0-50C

Windows Installation

▷ **RS-232**

    1. Put the driver CD in the CD ROM driver

    2. Open the path: "CD ROM-driver\FTDI drivers\Setup.exe", afterwards click next.

    3. Click finish to complete the installation.

    4. Open device manager to make sure that the driver was installed successfully.

    5. You can now start to use the device.

▷ **Ethernet Port**

    1. Put the driver CD in the CD ROM driver

    2. Open the path: "CD ROM-driver\realtek drivers\Setup.exe", afterwards click next.

    3. Click finish to complete the installation

    4. Open device manager to make sure that the driver was installed successfully.

    5. You can now start to use the device.