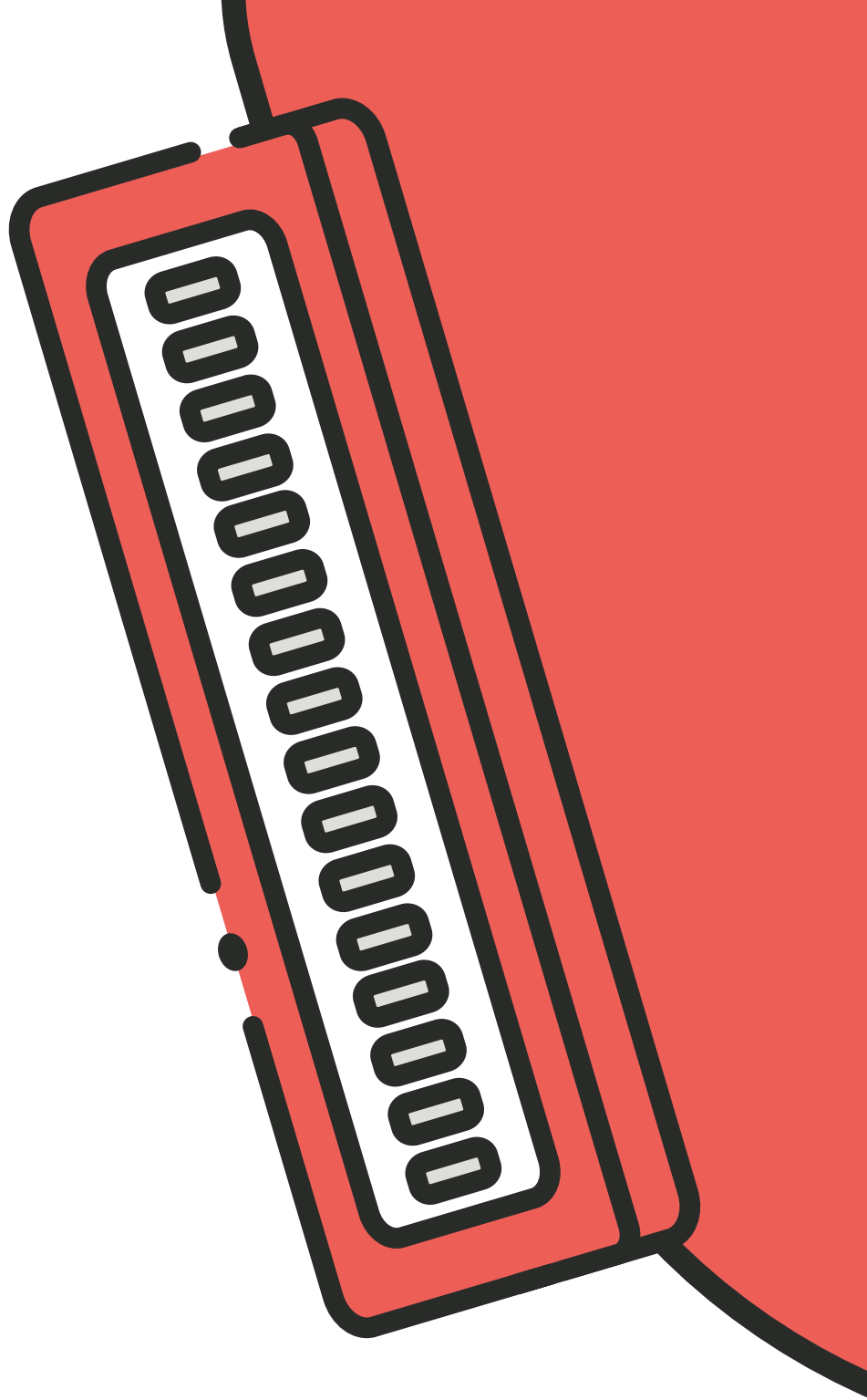




User Manual

**16-Port USB 3.2 Gen 1 Industrial Surface, Rack,
& DIN-Rail Mount Hub** w/ ESD Surge Protection

Model No. GM-HU316A2H-RM

gearmo.com

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Introduction

▶ Thank you for purchasing Gearmo's **16-Port USB 3.2 Gen 1 Industrial Surface, Rack, & DIN-Rail Mount Hub w/ ESD Surge Protection!** Please read the manual in detail first before you begin using this hub. The specifications are subject to change without notice.

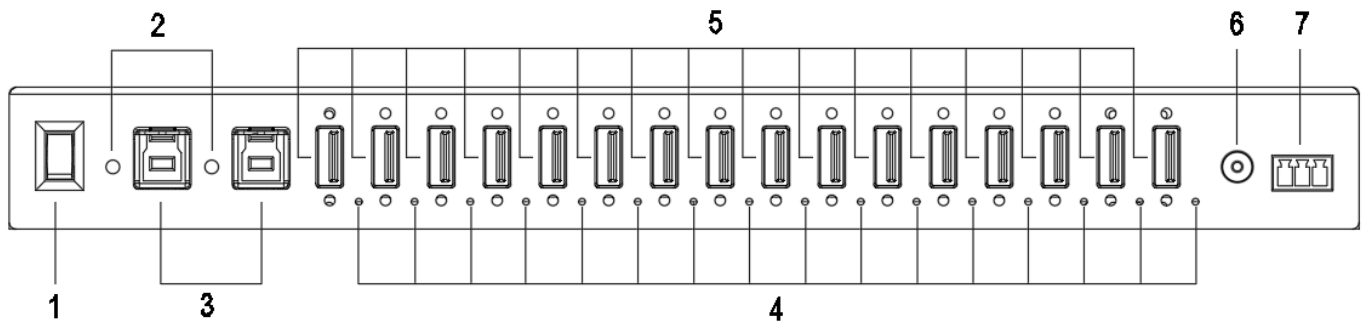
System Requirements

- ▶ **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
- ▶ **Linux**

Package Contents

- ▶ Industrial 16-Port USB 3.2 Gen 1 Industrial Hub
- ▶ Power Adapter & Cord with DC Barrel Connector
- ▶ 2x USB Type-A to Type-B Cables
- ▶ DIN-Rail Clip, Wall, and Rack Mounting Brackets
- ▶ 3-Pin Terminal Block
- ▶ Screw Package
- ▶ User Manual

Hub Layout



1. Host Switch
2. Power LED
3. USB Type-B 3.2 Gen 1 Hosts
4. Downstream Port LEDs
5. USB Type-A 3.2 Gen 1 Downstream Ports
6. DC Power Jack
7. 3-Pin Terminal Block

Installation

1. Power

- The USB 3.2 Gen 1 Hub requires a 12~30V 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. Hardware

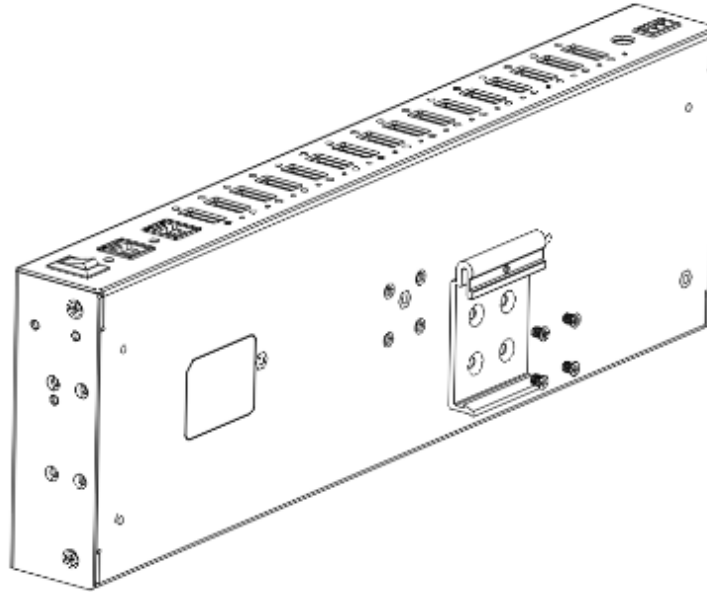
- Mount your hub on the **Wall, Surface, Din Rail, or Rack** if needed.

3. Connections

- Connect desired USB peripherals to downstream ports.
- Connect desired Host systems to upstream ports.

DIN Rail Mounting

- ▶ Use the included screws to install the DIN Rail Clip to the hub.

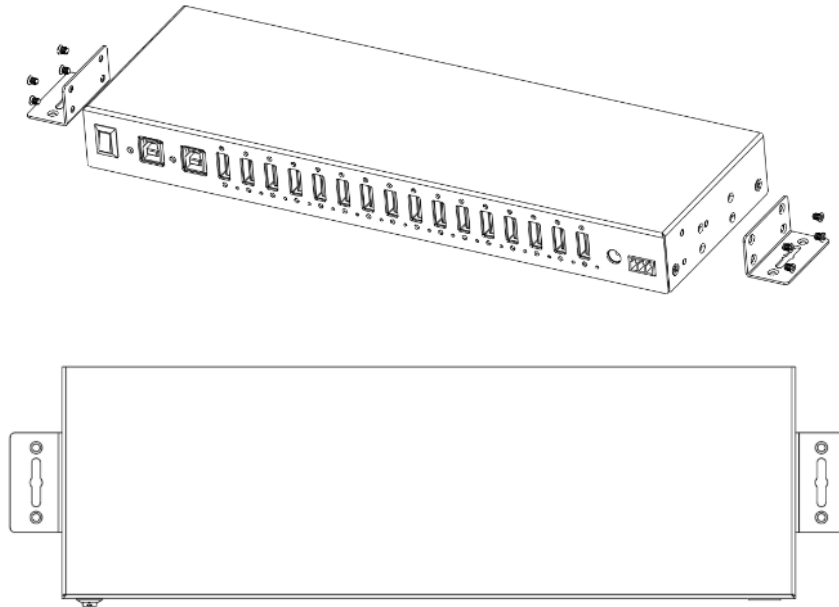


- ▶ Insert the top of the DIN Rail Clip onto the DIN Rail Track, then gently push the bottom of the hub to secure it to the DIN Rail Track.



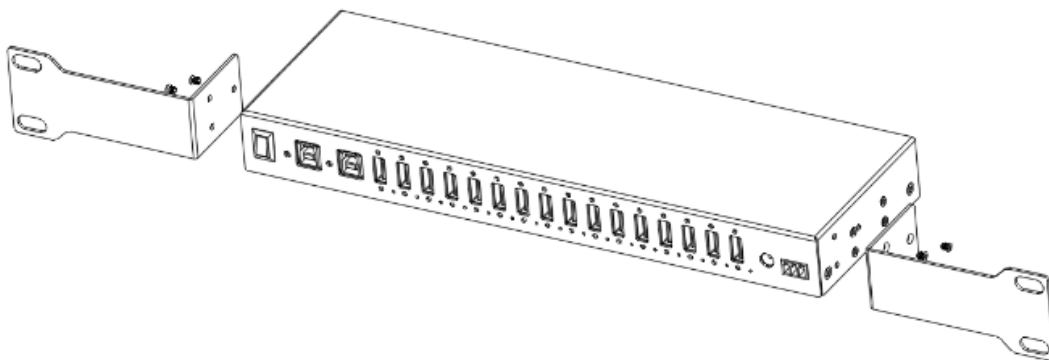
Surface / Wall Mounting

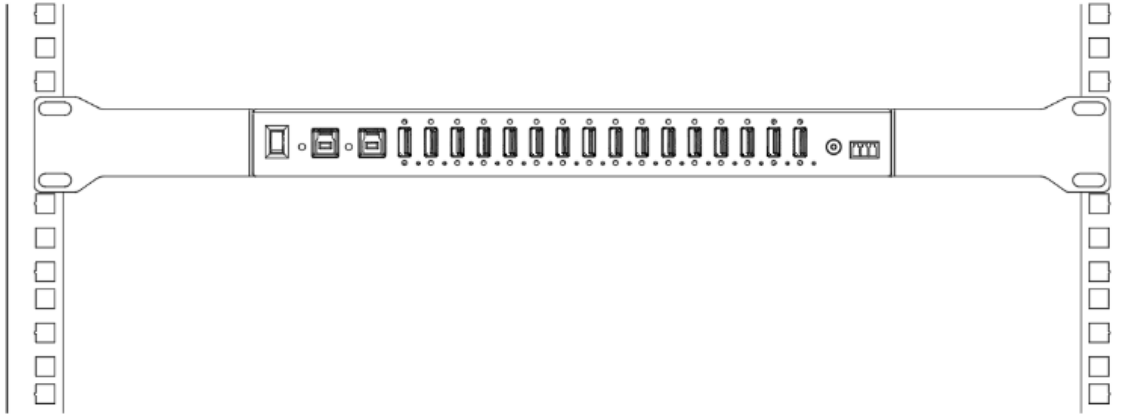
- ▶ Use the included screws to affix the surface mounting flanges to the hub. Use surface mounting screws attach hub to the wall or smooth surface (*surface mounting screws not included*).



Rack Mounting

- ▶ Use the included screws to affix the rack mounting flanges to the hub. Use Rack Mounting Screws (*not included*) to mount your hub within the designated rack.





Specifications

- ▶ Adds 16 3.2 Gen 1 compliant USB Type-A ports supporting up to 5Gbps data transfer rate
- ▶ Rugged metal chassis with wall, surface, rack, & DIN Rail mount support
- ▶ 12~30V DC power input with an included DC Barrel power supply
- ▶ LED indicators for each port to show connection confirmation
- ▶ Dual Host switching upstream USB Type-B ports
- ▶ Screw-Lock compatible downstream ports
- ▶ 15kV ESD protection for all USB ports