

Overview

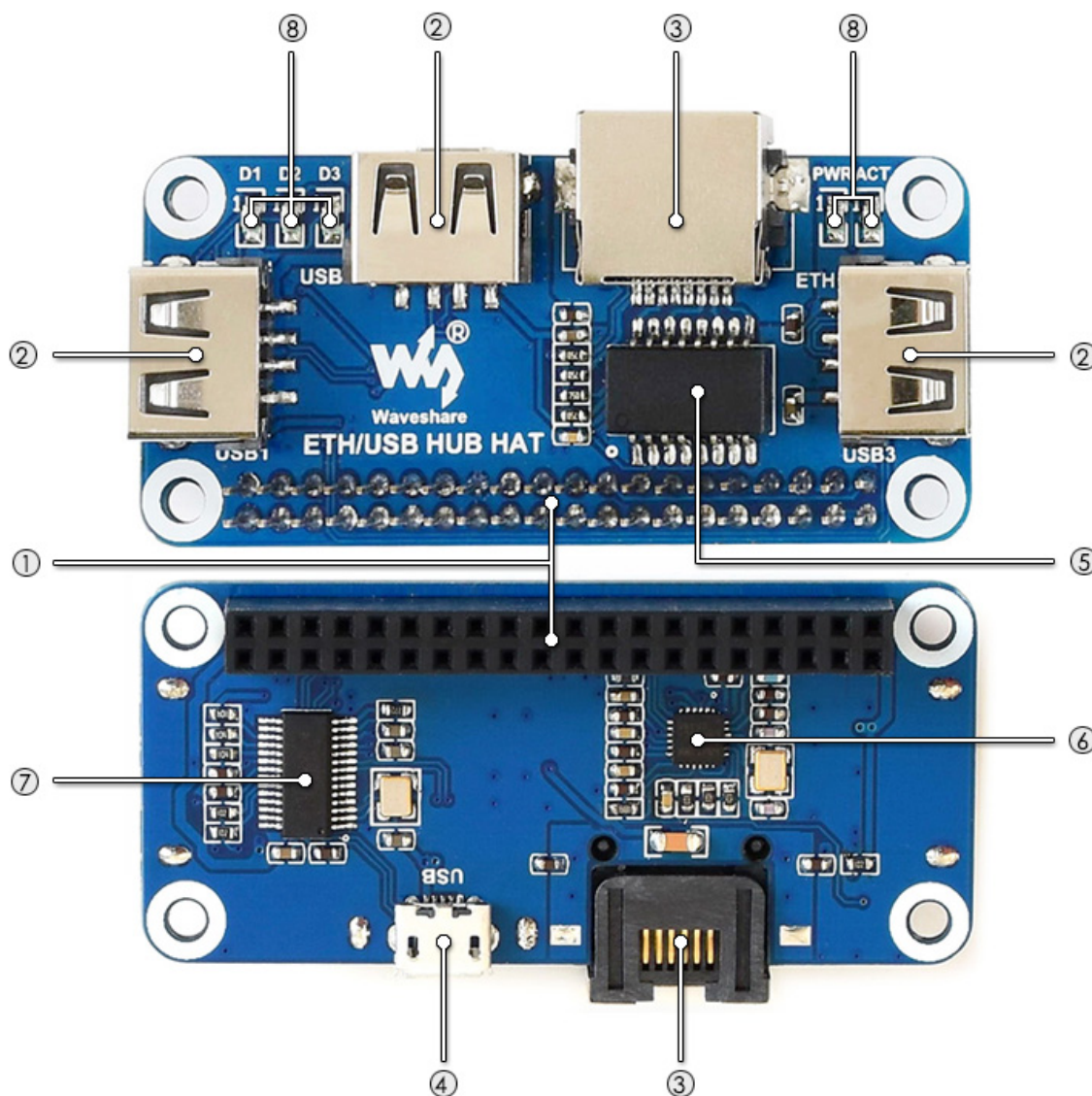
This Raspberry Pi hub HAT provides more USB capability to your Pi, plus a RJ45 Ethernet port, which is great when you need a stable wired Ethernet connection.

It can work with various versions of the Pi, and the size of the board is designed to perfectly fit the Zero / Zero W / Zero WH.

Features

- 3x USB ports, compatible with USB2.0/1.1
- 1x RJ45 10/100M port, based on the RTL8152B Ethernet chip
- Onboard multi indicators, for monitoring the status of power, Ethernet, and each USB port

What's on Board



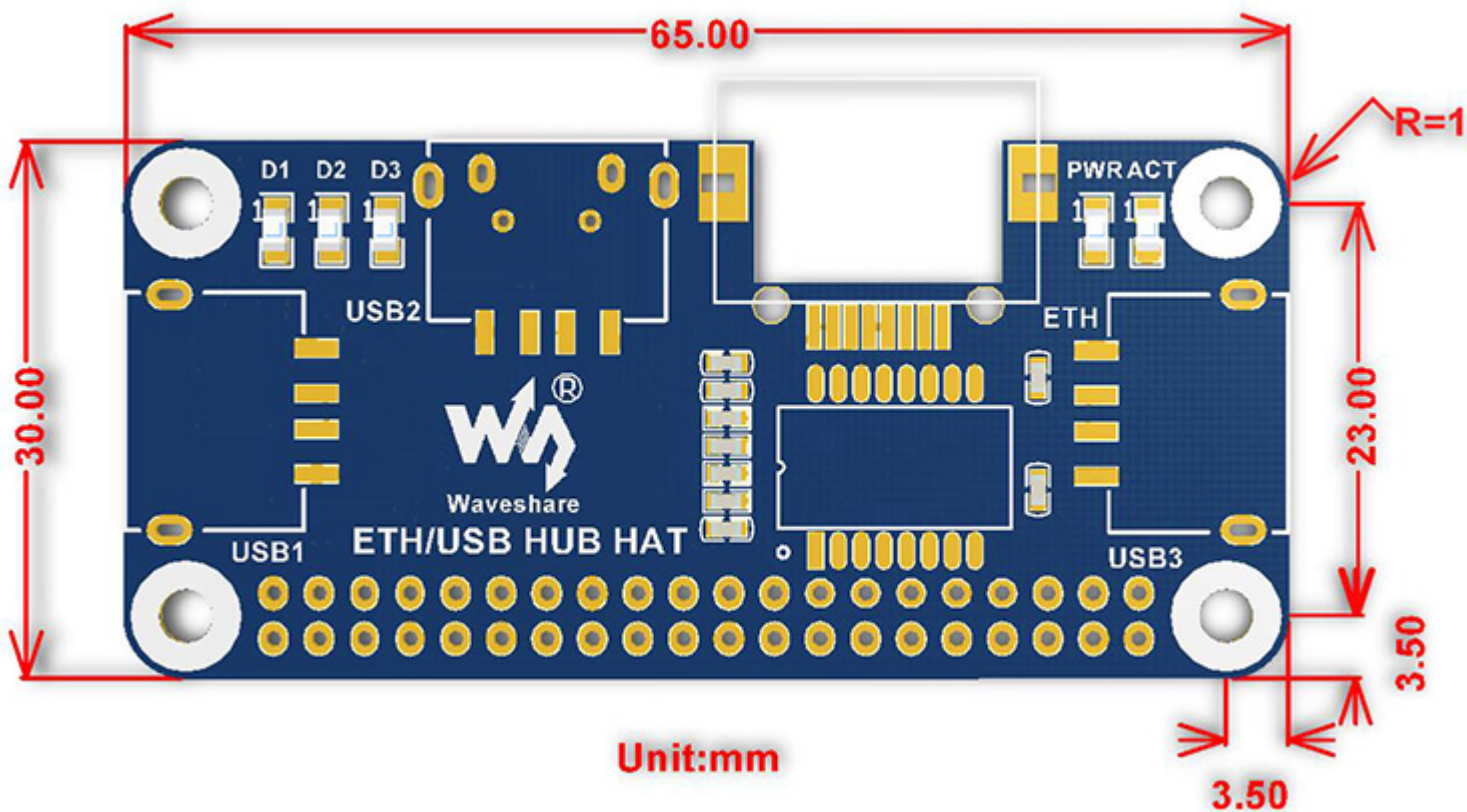
1. **Raspberry Pi GPIO interface:** for connecting Raspberry Pi

2. **USB extended ports:** USB1~USB3
3. **RJ45 port:** 10/100M Ethernet interface
4. **USB HUB interface (bottom):** for connecting the HUB to the Raspberry Pi USB port
 - Raspberry Pi Zero / Zero W / Zero WH: connected via [Micro USB connector](#)
 - Raspberry Pi B+ / 2B / 3B / 3B+ / 4B: connected via [Micro USB cable](#)
5. **TS8121A:** Ethernet wave filter
6. **RTL8152B:** 10/100M Ethernet chip
7. **FE1.1S:** USB HUB chip
8. **LED indicators:**
 - PWR: power indicator
 - ACT: Ethernet indicator
 - D1~D3: dedicated indicator for USB1~USB3 respectively

Specifications

- Operating voltage: 5V
- Dimension: 65mm × 30mm
- Mounting hole size: 3.0mm

Dimensions



Development Resources

Wiki : www.waveshare.com/wiki/ETH/USB_HUB_HAT