

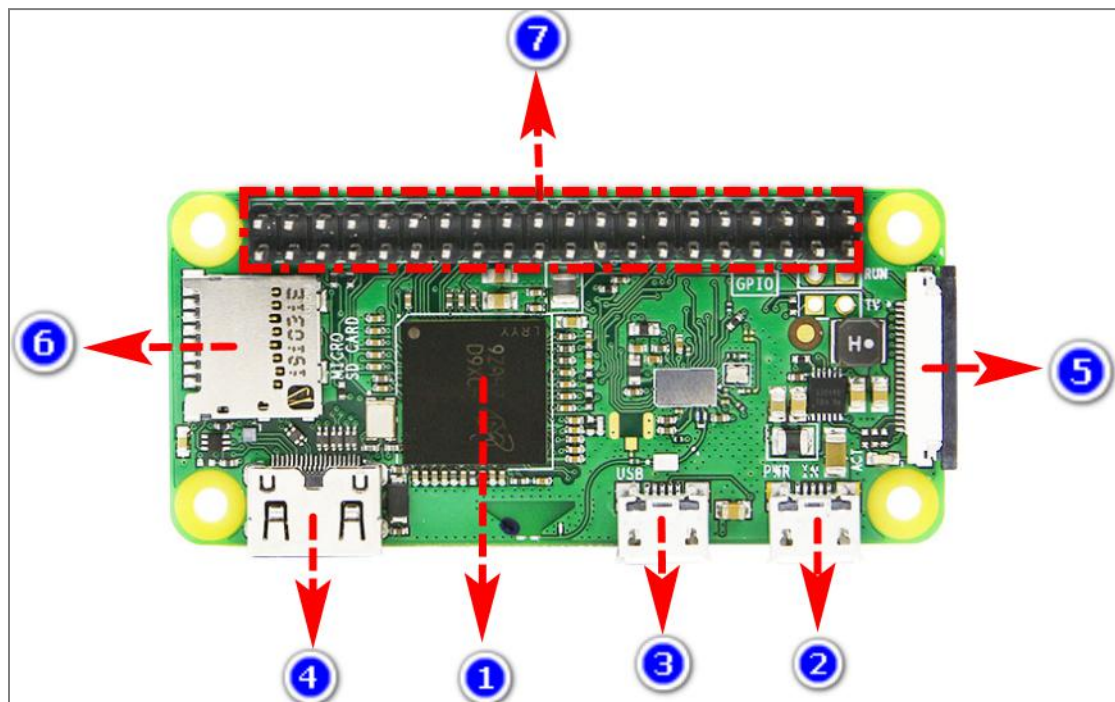
Introduction to Raspberry Pi Zero/Zero w

Description

The Raspberry Pi Zero development board possess the advantages of small size, lower power consumption and complete functions. On board SD card slot and Mini HDMI interface can be used to connect the display and camera. It supports multiple operating systems, we can use it as the core to build some smart cars or robots. We will also provide a lot of development board and related accessories (display screen, camera) tutorials.

Features

1. BCM2853 chip (1GHz)
2. On board WIFI and Bluetooth (only ZERO W and ZERO WH)
3. Smaller size, low power consumption, complete functions
4. Can be used to various electronic projects.



- ① BCM2835 processor, 1GHz main frequency, 512MB RAM
BCM43438 WiFi/BT chip (specific to Zero W)
 - ② micro-USB power interface
 - ③ micro-USB OTG interface
 - ④ miniHDMI port (support 1080p 60hz video output)
 - ⑤ CSI camera interface
 - ⑥ micro-SD card slot to store operating system
 - ⑦ 40-pin GPIO expansion interface, same as Raspberry Pi A+, B+, 2B version
- Vacant video interface

Size: 65mm*30mm*5mm

!Note:

1. The CSI interface on Zero is not the same as the CSI interface on 4B\3B, so the cables used are also different.

2. The two micro USB of the Raspberry Pi Zero, the one on the right is the power interface, and the one on the left is used to transfer data (although both can be used as power interfaces, but only the left port can transfer data)

3. During using, you may have to purchase some of the following accessories

- **Mini HDMI to standard HDMI cable or mini HDMI To HDMI adapter**
- **Micro USB to USB HUB hub**
- **Micro USB OTG interface to Ethernet wiring**
- **40Pin pin header**

Raspberry Pi Zero advantages

- Small size, low power consumption, low heat generation
- Compact interface, can be extended
- Comprehensive functions, competent for projects with low performance requirements