

Raspberry Pi 4B

Instruction

Raspberry Pi 4 Model B, the completely upgraded, re-engineered model of the Pi family. It has more powerful processor, faster networking, supports dual 4K output, and provides different choice of RAM.

Features

- BCM2711B0 (ARM Cortex-A72)
 - 64-bit 1.5GHz quad-core
- Choice of RAM
 - PI4B-1GB: 1GB
 - PI4B-2GB: 2GB
 - PI4B-4GB: 4GB
- Gigabit Ethernet
- 802.11ac 2.4GHz/5GHz dual-band NIC
- Bluetooth 5.0, BLE
- USB 3.0 x 2, USB 2.0 x 2
- micro HDMI x 2 (supports 4Kp60)
- PoE header (supports PoE HAT)
- MicroSD slot
- 3.5 mm audio jack
- 40PIN GPIO header
- CSI camera interface
- DSI display interface
- USB Type C power supply (5V/3A or above)

Resource

- [Raspberry Pi Hardware Resources \(official\)](#)
- [Help Center](#)
- [Panasonic_SDFormatter](#)
- [Win32DiskImager](#)
- [putty](#)

- [wiringPi & bcm2835 C LIB](#)
- [Image](#)

General Tutorial Series

- [Raspberry Pi Tutorial Series](#)
- [Raspberry Pi Tutorial Series: Access your Pi](#)
- [Raspberry Pi Tutorial Series: Getting Started with lighting up an LED](#)
- [Raspberry Pi Tutorial Series: External Button](#)
- [Raspberry Pi Tutorial Series: I2C](#)
- [Raspberry Pi Tutorial Series: I2C Programming](#)
- [Raspberry Pi Tutorial Series: 1-Wire DS18B20 Sensor](#)
- [Raspberry Pi Tutorial Series: Infrared Remote Control](#)
- [Raspberry Pi Tutorial Series: RTC](#)
- [Raspberry Pi Tutorial Series: PCF8591 AD/DA](#)
- [Raspberry Pi Tutorial Series: SPI](#)