

# Raspberry Pi

Raspberry Pi is a series of small single-board computers which feature a Broadcom system-on-chip with an integrated ARM-compatible central processing unit and an on-chip graphic processing unit. It firstly was aimed to education purpose, but then became very popular for do-it-yourself projects of computer and electronic hobbyists because of low cost, small size, and open communities.

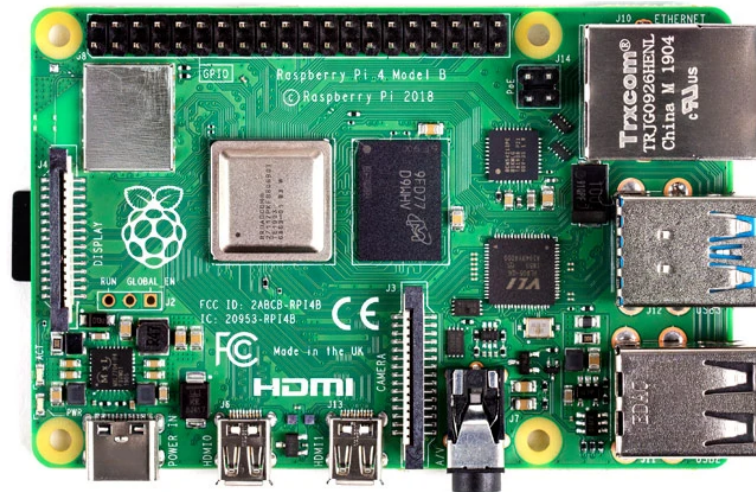
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*A Raspberry Pi 4 model B*

## Topics

There are thousands of topics on the internet discussing about Raspberry Pi. In here, I post some short-and-consistent posts written as guides and notes for a quick reference when learning and doing projects on Raspberry Pi boards.

Because [Raspberry Pi OS](#) (previously called *Raspbian*) is based on the [Debian](#) Linux-based OS, a lot of technical knowledge in Linux-OS can be applied to.

## Communities

Official Homepage:

<https://www.raspberrypi.org>

News:

<https://magpi.raspberrypi.org>

Sharing:

<https://projects.raspberrypi.org/en>

<https://www.hackster.io/raspberry-pi/projects>

<https://www.instructables.com/Raspberry-Pi-Projects>

<https://pimylifeup.com/category/projects>

Forums:

<https://www.raspberrypi.org/forums>