

Raspberry Pi 3 Model B

Single-board computer with wireless LAN and Bluetooth connectivity

Buy now



What is a Raspberry Pi?

What is a Raspberry Pi?



Getting Started

You'll need (not included):

- Micro SD card with Raspberry Pi OS installed
- Micro USB power supply (2.1 A)

And to use it as a desktop computer, you'll need:

- TV or monitor and HDMI cable
- Keyboard and mouse

For a step-by-step guide to getting your Pi up and running, check out our online [Getting started guide](#).

Specification

Raspberry Pi 3 Model B is the earliest model of the third-generation Raspberry Pi. It replaced Raspberry Pi 2 Model B in February 2016. See also [Raspberry Pi 3 Model B+](#), the latest product in the Raspberry Pi 3 range.

- Quad Core 1.2GHz Broadcom BCM2837 64bit CPU
- 1GB RAM
- BCM43438 wireless LAN and Bluetooth Low Energy (BLE) on board
- 100 Base Ethernet
- 40-pin extended GPIO
- 4 USB 2 ports
- 4 Pole stereo output and composite video port
- Full size HDMI
- CSI camera port for connecting a Raspberry Pi camera
- DSI display port for connecting a Raspberry Pi touchscreen display
- Micro SD port for loading your operating system and storing data
- Upgraded switched Micro USB power source up to 2.5A

Notices

[BCM2837 package change](#)

[BCM2837 package change \(2\)](#)

Compliance

Raspberry Pi 3 Model B has undergone extensive compliance testing, and meets the following European standards:

Electromagnetic Compatibility Directive (EMC) 2014/30/EU

Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU

View and download [global compliance certificates for Raspberry Pi products](#).

The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.



Obsolescence Statement

Raspberry Pi 3 Model B will remain in production until at least January 2026

Buy Raspberry Pi 3 Model B

Country:

Rest of the world

[Home](#)

These companies are all Raspberry Pi Approved Resellers. You will be taken to their site to buy this product.



[Industry](#)


[Education](#)

Follow us

 Sign up to newsletter

 Twitter

 Facebook

 YouTube

 Instagram

 LinkedIn

About Raspberry Pi

[News](#)

[Contact us](#)

[Trademark](#)

[About us](#)

[Jobs](#)

[Accessibility](#)

[Cookies](#)

[Licensing](#)

[Terms and conditions of sale](#)

[Privacy](#)

Security

For home

Raspberry Pi for home

For industry

Raspberry Pi for industry

Thin clients

Powered by Raspberry Pi

Design partners

Success stories

Hardware

Computers and microcontrollers

Cameras and displays

Add-on boards

Power supplies and cables

Cases

Peripherals

Software

Raspberry Pi OS

Raspberry Pi Imager

Raspberry Pi Desktop

Documentation

All categories

Product information portal

Datasheets

Forums

All forums

Raspberry Pi Store

Cambridge Store

Raspberry Pi Press

About Raspberry Pi Press

The MagPi

HackSpace

Wireframe

Custom PC