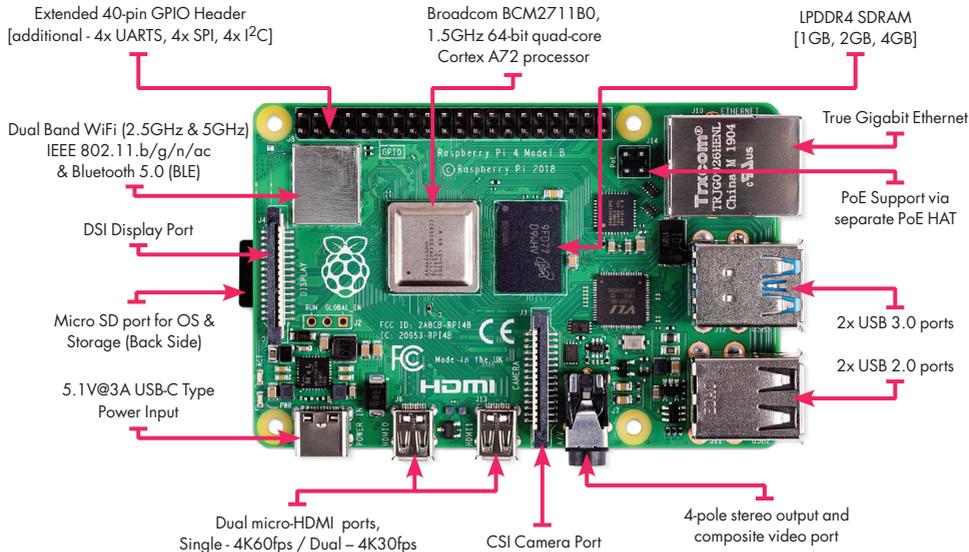


Make | Design | Learn

The possibilities are endless with Raspberry Pi!



Getting Started

For full set up and installation instructions please visit: <http://www.raspberrypi.org/help>

Plugging in your Raspberry Pi

1. Begin by slotting your microSD card into the microSD card slot on the Raspberry Pi, which will only fit one way.
2. Next, plug in your USB keyboard and Mouse into the USB slots on the Raspberry Pi.
3. Then connect your HDMI cable from your Raspberry Pi to your monitor or TV.
4. Make sure that your monitor or TV is turned on, and that you have selected the right input (e.g. HDMI 1, DVI, etc).
5. If you intend to connect your Raspberry Pi to the internet, plug in an ethernet cable into the ethernet port next to the USB ports. Or, connect via Wi-Fi by entering your Wi-Fi pre-shared key. For more connectivity instructions go to <http://www.raspberrypi.org/help>
6. When you are happy that you have plugged in all the cables and microSD card required, finally plug in the USB-C power supply.
7. The Raspberry Pi will automatically turn on and boot up into a graphical desktop.

Raspberry Pi GPIO

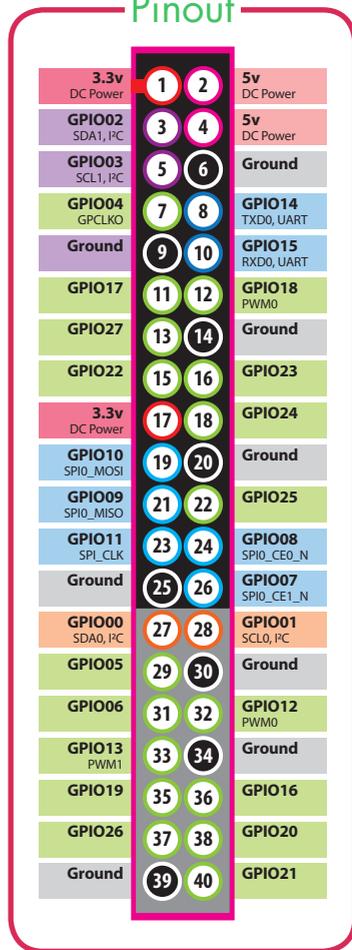
The rows of GPIO (general purpose input/output) pins along one edge of the board are one of the Raspberry Pi's most powerful features. These 40 pins are the physical interface between the Raspberry Pi and the real world. You can program the pins to interact with external devices. Inputs can be from switches, sensors or signals from another device. Outputs can also do various things; including turning on an LED, sending data to another device, driving a motor controller etc. The GPIO pins are your gateway to the world of physical computing.

Raspberry Pi HATs

As well as allowing you to connect discrete physical devices, the Raspberry Pi GPIO header can also be used to attach HATs (Hardware Attached on Top), add-on boards that allow you to enhance your Raspberry Pi to provide extra functionality and features.

These include miniature display HATs, high quality audio HATs and HATs that contain multiple sensors and motor control options.

Pinout



For getting started instructions in other languages please see the getting started guide inside the Pi box.

For full getting started guide and a list of useful links and resources please visit..

element14.com/raspberrypi



Make

The most of your Raspberry Pi by getting everything you need and clear getting started instructions all in one package

Design

How to code using Scratch and Python, develop your own games or connect your Raspberry Pi to the Internet of Things

Learn

Your own Raspberry Pi powered devices and see how you can use physical computing to control things in the real world

New kits are being added all the time and they are not limited to Raspberry Pi, we have kits for CodeBug, micro:bit and Arduino. We also have kits which help you get started with electronic circuits and soldering.

Raspberry Pi is a registered trademark of the Raspberry Pi Foundation.

To see the latest range please take a look at our website

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