

Raspberry Pi 3 Model B

Processor

Broadcom BCM2837 chipset.
1.2GHz Quad-Core ARM Cortex-A53
1GB LPDDR2 RAM

GPU

Dual Core VideoCore IV Multimedia Co-Processor. Provides Open GL ES 2.0, hardware-accelerated OpenVG, and 1080p30 H.264 high-profile decode.

GPIO Connector

40-pin 2.54 mm (100 mil) expansion header: 2x20 strip
Providing 27 GPIO pins as well as +3.3 V, +5 V and GND supply lines

Display Connector

Display Serial Interface (DSI) 15 way flat flex cable connector with two data lanes and a clock lane

Camera Connector

15-pin MIPI Camera Serial Interface (CSI-2)

Video Output

HDMI (rev 1.3 & 1.4)
Composite RCA (PAL and NTSC)

Audio Output

3.5mm jack

USB Ports

4x USB 2.0 ports

Ethernet Port

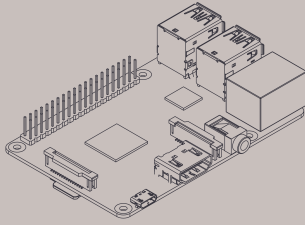
10/100 Base-T Ethernet socket

Power

5V micro USB port, up to 2.5A

Chip Antenna

802.11 b/g/n Wireless LAN
Bluetooth 4.1 (Bluetooth Classic and LE)



Raspberry Pi 2 Model B

Processor

Broadcom BCM2836 chipset
900MHz quad-core ARM Cortex-A7 CPU
1GB RAM

GPU

VideoCore IV 3D graphics core

GPIO Connector

40-pin 2.54 mm (100 mil) expansion header: 2x20 strip
Providing 27 GPIO pins as well as +3.3 V, +5 V and GND supply lines

Display Connector

Display Serial Interface (DSI) 15 way flat flex cable connector with two data lanes and a clock lane

Camera Connector

15-pin MIPI Camera Serial Interface (CSI-2)

Video Output

HDMI (rev 1.3 & 1.4)
Composite RCA (PAL and NTSC)

Audio Output

3.5mm jack

USB Ports

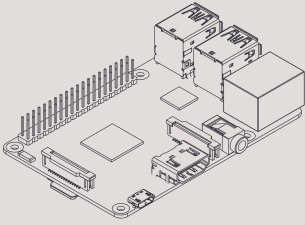
4x USB 2.0 ports

Ethernet Port

10/100 Base-T Ethernet socket

Power

5V micro USB port, up to 2A



Raspberry Pi 3 Model B

Processor

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Display Serial Interface (DSI) 15 way flat flex cable connector with two data lanes and a clock lane

Camera Connector

15-pin MIPI Camera Serial Interface (CSI-2)

Video Output

HDMI (rev 1.3 & 1.4)
Composite RCA (PAL and NTSC)

Audio Output

3.5mm jack

USB Ports

4x USB 2.0 ports

Ethernet Port

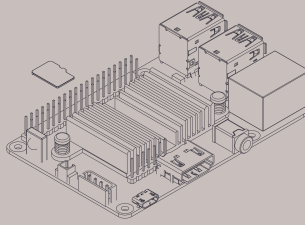
10/100 Base-T Ethernet socket

Power

5V micro USB port, up to 2.5A

Chip Antenna

802.11 b/g/n Wireless LAN
Bluetooth 4.1 (Bluetooth Classic and LE)



Odroid C1+

Processor

AmLogic ARM Cortex-A5 (ARMv7)
1.5Ghz quad core CPU

GPU

Mali-450 MP2 GPU (OpenGL ES 2.0/1.1 enabled for Linux and Android)

GPIO Connector

40-pin 2.54 mm (100 mil) expansion header: 2x20 strip
Providing 27 GPIO pins as well as +3.3 V, +5 V and GND supply lines

Serial Console Port

Connecting to a PC gives access to the Linux console. You can see the log of the boot, or to log in to the C1 to change the video or network settings.

RTC Connector

On-board RTC function with a backup battery connector

Video Output

HDMI (rev 1.3 & 1.4)
Composite RCA (PAL and NTSC)

Audio Output

I2S Audio Interface

USB Ports

4x USB 2.0 ports

Ethernet Port

10/100 Base-T Ethernet socket

Power

D/C Port
5V micro USB port, up to 2A

Infrared Receiver

Remote control receiver module that can accept standard 37.9Khz carrier frequency based wireless data in NEC format.