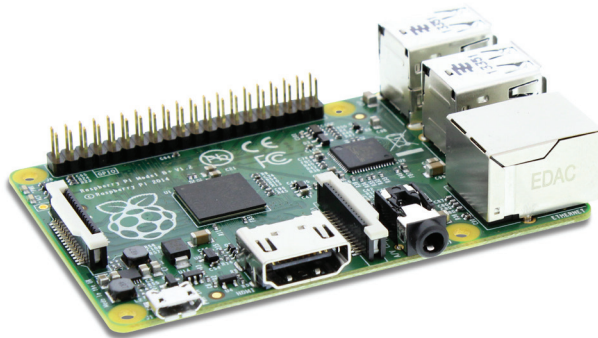


Raspberry Pi



MODEL B+

Product Name

Raspberry Pi Model B+

Product Description

The Raspberry Pi Model B+ incorporates a number of enhancements and new features. Improved power consumption, increased connectivity and greater IO are among the improvements to this powerful, small and lightweight ARM based computer.

RS Part Number

811-1284

Specifications

Chip

ARM11

Core architecture

700 MHz Low Power ARM1176JZF5 Applications Processor

CPU

Dual Core VideoCore IV® Multimedia Co-Processor

GPU

Provides Open GL ES 2.0, hardware-accelerated OpenVG, and 1080p30 H.264 high-profile decode

Capable of 1Gpixel/s, 1.5Gtexel/s or 24GFLOPs with texture filtering and DMA infrastructure

512MB SDRAM

Memory

Boots from Micro SD card, running a version of the Linux operating system

Operating System

85 x 56 x 17mm

Dimensions

Micro USB socket 5V, 2A

Power

Connectors:

10/100 BaseT Ethernet socket

Ethernet

HDMI (rev 1.3 & 1.4)

Video Output

Composite RCA (PAL and NTSC)

3.5mm jack, HDMI

Audio Output

4 x USB 2.0 Connector

USB

40-pin 2.54 mm (100 mil) expansion header: 2x20 strip

GPIO Connector

Providing 27 GPIO pins as well as +3.3 V, +5 V and GND supply lines

Camera Connector

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

JTAG

Not populated

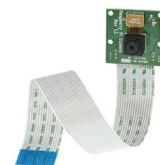
Display Connector

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

Memory Card Slot

Micro SDIO

Accessories



▲ Camera Module
775-7731



▲ International power supply
765-3311



▲ 8GB Micro SD (& SD Adaptor) with NOOBS - **820-9791**



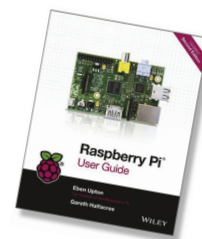
▲ HDMI - VGA
778-1882



▲ WiFi dongle
760-3621



▲ 10400mAh Li-Ion battery pack
775-7517



▲ Raspberry Pi user guide
794-7183

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