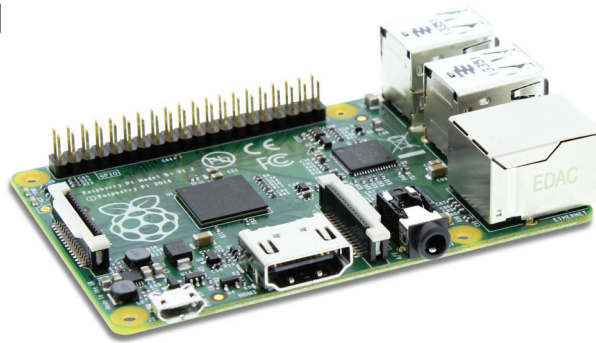


Raspberry Pi



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 Broadcom BCM2835 SoC

Core architecture ARM11

CPU 700 MHz Low Power ARM1176JZFS Applications Processor

GPU Dual Core VideoCore IV® Multimedia Co-Processor

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

Memory 512MB SDRAM

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

Dimensions 85 x 56 x 17mm

Power Micro USB socket 5V, 2A

Connectors:

Ethernet 10/100 BaseT Ethernet socket

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

Audio Output 3.5mm jack, HDMI

USB 4 x USB 2.0 Connector

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

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 SDIO

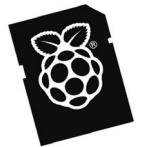
Accessories



▲ Camera Module
775-7731



▲ International power supply
765-3311



▲ 8GB SD card pre-programmed with NOOBS - **796-1693**



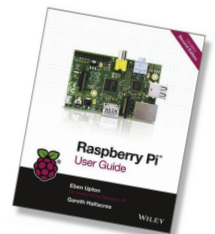
▲ HDMI - VGA
778-1882



▲ WiFi dongle
760-3621



▲ 10400mAh Li-Ion battery pack
775-7517



▲ Raspberry Pi user guide
794-7183

