Item no.: 384281

EB6607 - Raspberry Pi 3 Model B Starter Kit White

from **68,66 EUR**

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shipping weight: 0.20 kg
Manufacturer: Raspberry Pi Foundation

Product Description

The new Raspberry Pi 3 Model B Plus ...now comes with approx. 10% more power, an integrated A/C radio module for 2.4GHz or 5GHz WiFi (WLAN) and Bluetooth 4.2!The processor is based on the Broadcom SoC known and used from the Pi3 and has 4 cores (Quad Core CPU) like the Pi3 model, but now clocks at 1.4 GHz.The new performance boost makes it much easier to use as a power-saving desktop replacement in the office or at home. Applications run more easily, more smoothly and still very energy-efficiently. Thanks to the passive cooling (if necessary at all), this developer board is also ideal for use in the living room, e.g. as a media centre. The increase in performance is also very noticeable here!Nevertheless, the dimensions remain HAT compatible and the board is just as large, or rather small, as the still current predecessor models Raspberry Pi 3 Model B or the "one" B+.As the connections for image, sound and USB data have also remained in the same place, most previous housings will also be suitable for the Raspberry Pi 3 Model B+. Only those who have integrated heat dissipation will have to resort to suitable new cases, as the CPU design (height) has changed.But beware, there is also a fundamental change in the power supply!Due to the more powerful processor (1.4GHz CPU) and the integrated WLAN/Bluetooth radio chip, the energy consumption has increased. As a result, a 5.1V/2.5A power supply unit (MircoUSB) is required! The usual, weaker 5V/2A Micro USB universal plug-in power supplies may therefore be unsuitable for the new Raspberry Pi3 Model B+. Please note that in this case, the recommended, compatible MicroUSB power supply with 5.1 volts and 2.5 amps should also be ordered.Raspberry Pi 3 Model B data:- Quad-core processor Broadcom BCM 2837- CPU clock with 1.4 Gigahertz- Chipset supports 64Bit native- 1024 MB RAM and VRAM memory- GPU graphics (integrated in CPU) with Full HD 1080p support- IEEE 802.11 a/c WiFi - WLAN (2.4GHz or 5GHz)- and Bluetooth 4.2 Low Energy (BLE)- 4 x USB 2.0 for mouse, keyboard and other optional peripherals- 1 x HDMI with CEC and 1080p FullHD (standard) for monitors/display/TV devices- 1 x GigaBit LAN connection over USB 2.0 network cable connection (max 300MBit)- 1x display (DSI) and 1 x camera connector strip (CSI)- 1 x Micro USB port for power supply (compatible power supply unit required)- 40-pin GPIO connector strip, fully compatible with Pi2/3, A+ and B+Scope of delivery:- Raspberry Pi 3 model B+- Raspberry Pi power supply 5.1V/2.5A in white- Raspberry Pi case white/red- 16GB microSD memory card Sources and downloads:Download current operating systems at: https://www.raspberrypi.org/downloadsInformation and help can be found at: https://www.raspberrypi.org/forums/Please note that a 5.1V/2.5A power supply and possibly a new case will be required to operate the new Raspberry Pi 3 Model B+. These accessories are not included in the scope of delivery and must be ordered separately. No support for unsuitable power supply and accessories.

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability