Item no.: 384279

EB6598 - Raspberry Pi 3 Model B 1.4 GHz 64Bit Quad Core

from **48,60 EUR**

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shipping weight: 0.20 kg
Manufacturer: Raspberry Pi Foundation

Product Description

Raspberry Pi 3 Model B+ ...This B+ model is a newly adapted and revised version of the Raspberry Pi 3.At first glance, the board offers little that is new, but if you take a closer look at the details, you will immediately notice the CPU, which has been increased in performance by around 10 per cent, and the new chip for WLAN IEEE802.11 a/c, which can be used in the 2.4GHz or 5GHz range. Bluetooth version 4.2 is also new.In addition, a LAN data throughput of up to 300 MBit is possible at the Gigabit LAN port. When using an optional HAT extension, the Raspberry Pi 3 B+ even becomes PoE capable! This new feature makes it even easier for users and developers to supply power directly via the RJ45 LAN port. A power supply unit and a power socket are no longer required at the installation site.Important information about the operating system:Please note that new hardware also requires new driver packages! An upgrade of the previously used operating system is mandatory! The new model does NOT start with older images and displays the "rainbow" screen, the lightning symbol and the red LED as errors. This does NOT mean an undersupply of power, but an outdated or incompatible OS from e.g. the previous models.Technical details and features of the RPi 3 B+ board:- 1.4 GHz Broadcom BCM2837B0, Cortex-A53 64-bit SoC- 10% CPU performance increase compared to RPi3- 1024 MB LPDDR2 SDRAM- GigaBit LAN via USB2.0 (now with up to 300 MBit)- PoE capable, via optional HAT extension- IEEE 802.11ac dual-band WLAN in the 2.4 GHz or 5 GHz range- Bluetooth 4.2 BLE- HDMI 1.4 Full Size- 3.5 mm jack (stereo audio and composite video) - 4x USB 2.0 ports- HAT Compatible with most Pi3 cases and extensions- Improved temperature managementTo avoid malfunction or damage to this product, please note the following:- Do not expose to water or moisture or place on a conductive surface during operation!- Do not expose to heat from any source. Do not expose to heat from any source (sun, radiator)!- The Raspberry Pi 3 Model B+ is only suitable for normal ambient temperatures (non-condensing, dry)!- Handle with care to avoid mechanical or electrical damage to the circuit board and connectors!- Avoid touching the circuit board during operation, or only at the edges, to minimise the risk or danger of electrostatic discharge damage!- Please note that a recommended power supply with 5.1V/2.5A should be used for this SBC model, otherwise malfunctions may occur. At least 5V (stable!) must be applied to the MicroUSB plug, not to the power supply output! (Note line losses!) - Since the CPU design is higher than in the previous models, aluminium or steel housings with integrated heat dissipation (heat sinks) can NO LONGER be used for the Pi 3 B+ model!

Specifications

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