Raspberry Pi 3 Model B+ Starter Kit

SKU:KIT0136

INTRODUCTION

The Raspberry Pi 3 Model B+ is the latest product in the Raspberry Pi 3 range, boasting a 64-bit quad core processor running at 1.4GHz, dual-band 2.4GHz and 5GHz wireless LAN, Bluetooth 4.2/BLE, faster Ethernet, and PoE capability via a separate PoE HAT.

The dual-band wireless LAN comes with modular compliance certification, allowing the board to be designed into end products with significantly reduce on wireless LAN compliance testing, cost and time resources. The Raspberry Pi 3 Model B+ maintains the same mechanical footprint as both the Raspberry Pi 2 Model B and the Raspberry Pi 3 Model B.

Now we have collected many commonly used Raspberry accessories and package them with Raspberry Pi 3 Model B+ into Raspberry Pi 3 Model B+ Starter Kit, which Includes:

- Raspberry Pi 3 Model B+ (B Plus) with 1.4GHz 64-bit quad-core ARMv8 CPU

- 32 GB Samsung EVO+ Micro SD Card (Class 10)

- USB MicroSD Card Reader

- 2.5A Micro USB Power Supply with Noise Filter

- Premium Raspberry Pi 3 Case

- High Quality 19+1 HDMI Cable with CEC support (6-foot cable)

- Set of 3 HeatSinks

Note: DFRobot distributes Element14 version.

Raspberry Pi 3 Model B+ Tutorials:

- Raspberry Pi 3 Raspbian: Python Hello World with IDLE
- Raspberry Pi 3 Raspbian: Running Python from the command line
- Raspberry Pi 3 Raspbian: Running Python scripts on IDLE
- Raspberry Pi 3 Raspbian: Running a Flask server
- Raspberry Pi 3: Getting the local IP address
- Raspberry Pi 3 Raspbian: Exposing a Flask server to the local network

FEATURES

- A 1.4GHz 64-bit quad-core ARM Cortex-A53 CPU
- Dual-band 802.11ac wireless LAN and Bluetooth 4.2
- Faster Ethernet (Gigabit Ethernet over USB 2.0)
- Power-over-Ethernet support (with separate PoE HAT)
- Improved PXE network and USB mass-storage booting
- Improved thermal management

SPECIFICATION

- Processor: Broadcom BCM2837B0, Cortex-A53 (ARMv8) 64-bit SoC @ 1.4GHz
- Memory: 1GB LPDDR2 SDRAM
- Power Supply: 5V/2.5A DC power input (microUSB)
- Wireless: 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac wireless LAN, Bluetooth 4.2, BLE
- Ethernet: Gigabit Ethernet over USB 2.0 (maximum throughput 300 Mbps)
- GPIOs: Extended 40-pin GPIO header

- Video Output: Full-size HDMI
- Audio Output: 4-pole stereo output and composite video port
- USB Port: 4 USB 2.0 ports
- CSI camera port for connecting a Raspberry Pi camera
- DSI display port for connecting a Raspberry Pi touchscreen display
- Micro SD port for loading your operating system and storing data
- Power-over-Ethernet (PoE) support (requires separate PoE HAT)
- Operating Temperature: 0~50℃
- Weight: 360g

SHIPPING LIST

- Raspberry Pi 3 Model B+ x1
- 32 GB Micro SD Card x1
- USB MicroSD Card Reader x1
- 2.5A Micro USB Power Supply x1
- Raspberry Pi 3 Case x1
- HDMI Cable 1.5M x1
- Set of 3 HeatSinks x1