

Raspberry Pi 4 Computer Model B 4GB

SKU 102110301



45 Reviews

Raspberry Pi 4 Model B is the latest product in the popular Raspberry Pi range of computers. It offers ground-breaking increases in processor speed, multimedia performance, memory, and connectivity compared to the prior-generation Raspberry Pi 3 Model B+

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Tip

We provide Free Shipping for orders over and with a Raspberry Pi 4 4GB use in US warehouse. We also prepared a lot of latest accessories! Apply coupon code: **FREESHIPPINGUS79**. Enjoy 2-4 working days of local fast delivery.

Raspberry Pi 4 Model B is the latest product in the popular Raspberry Pi range of computers. It offers ground-breaking increases in processor speed, multimedia performance, memory, and connectivity compared to the prior-generation Raspberry Pi 3 Model B+, while retaining backwards compatibility and similar power consumption. For the end user, Raspberry Pi 4 Model B provides desktop performance comparable to entry-level x86 PC systems.

This product's key features include a high-performance 64-bit quad-core processor, dual-display support at resolutions up to 4K via a pair of micro-HDMI ports, hardware video decode at up to 4Kp60, up to 4GB of RAM, dual-band 2.4/5.0 GHz wireless LAN, Bluetooth 5.0, Gigabit Ethernet, USB 3.0, and PoE capability (via a separate PoE HAT add-on). The dual-band wireless LAN and Bluetooth have modular compliance certification, allowing the board to be designed into end products with significantly reduced compliance testing, improving both cost and time to market.

The new Raspberry Pi 4 has 3 versions depending on the size of RAM, you can choose according to your needs:

- [Raspberry Pi 4 Computer Model B 1GB](#)
- [Raspberry Pi 4 Computer Model B 2GB](#)
- [Raspberry Pi 4 Computer Model B 4GB](#)

Raspberry Pi 4 Add-ons

We've prepared lots of add-on for Raspberry Pi. All those hats, displays, and accessories will give the Raspberry Pi more features and possibilities. For Pi 4, we especially recommend the [Grove Base Hat for Raspberry Pi](#), which links the Raspberry Pi to our Grove system, so you can easily use most of the Grove modules with your Raspberry Pi 4. Since the new pi changes the full HDMI interface into two micro HDMI ports, so you may need this [Micro HDMI to HDMI Adapter](#) to work with your HDMI display. In addition, the performance of the Raspberry Pi 4 has been greatly improved compared to the previous generation, but its poor heat dissipation problem has also emerged. The [Raspberry Pi 4 with the ICE Tower CPU Cooling Fan](#) can effectively reduce its operating temperature. In the case of overclocking, it can reduce the temperature of the Raspberry Pi from 80°C to 40°C.

Raspberry Pi 4 Kits

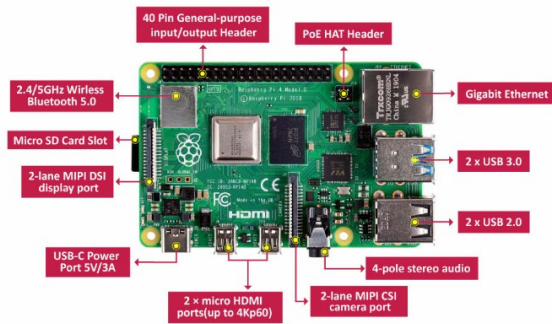
Kits are some accessories bundled together. They are used for realizing specific functions. For the beginners, we offer you [Raspberry Pi basic kit](#) and [Raspberry Pi starter kit](#) to help you run up your Raspberry Pi first. If you want to do some little projects, you can take a glance at [Raspberry Pi Grove beginner kit](#). It contains many useful sensors for projects. However, if you are interested in building up a media center or setting up your own desktop, you can pick up [Raspberry Pi 4 media center kit](#) or [desktop kit](#). Hope you enjoy your projects with Raspberry Pi 4!

Specification

- **Processor:** Broadcom BCM2711, quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
- **Memory:** 1GB, 2GB or 4GB LPDDR4(depend on model)
- **Connectivity:**
 - 2.4 GHz and 5.0 GHz IEEE 802.11b/g/n/ac wireless
 - LAN, Bluetooth 5.0, BLE
 - Gigabit Ethernet
 - 2 × USB 3.0 ports
 - 2 × USB 2.0 ports
- **GPIO:** Standard 40-pin GPIO header(fully backwards-compatible with previous boards)
- **Video & Sound:**
 - 2 × micro HDMI ports (up to 4Kp60 supported)
 - 2-lane MIPI DSI display port
 - 2-lane MIPI CSI camera port
 - 4-pole stereo audio and composite video port
- **Multimedia:**
 - H.265 (4Kp60 decode)
 - H.264 (1080p60 decode, 1080p30 encode)
 - OpenGL ES, 3.0 graphics
- **SD card support:** Micro SD card slot for loading operating system and data storage
- **Input power:**
 - 5V DC via USB-C connector (minimum 3A)
 - 5V DC via GPIO header (minimum 3A)
 - Power over Ethernet (PoE)—enabled(requires separate PoE HAT)

- **Environment:** Operating temperature 0–50°C
- **Compliance:** For a full list of local and regional product approvals, please visit <https://www.raspberrypi.org/documentation/hardware/raspberrypi/conformity.md>
- **Production lifetime:** The Raspberry Pi 4 Model B will remain in production until at least January 2026.

Hardware Overview



Raspberry Pi 4 Hardware Overview by Seeed

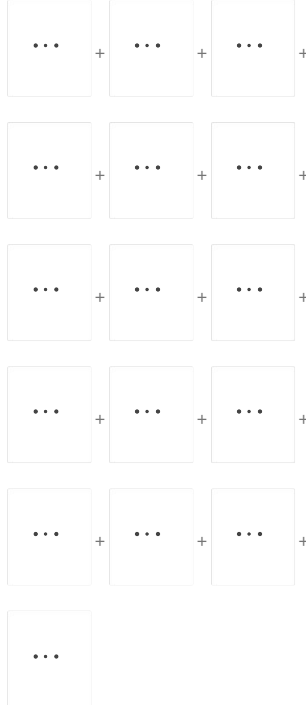
Part List:

1 x Raspberry Pi 4 Computer Model 4GB

ECCN/HTS

HSCODE	8471504090
USHSCODE	85177000
UPC	

Bundle Sales



- This item: Raspberry Pi 4 Computer Model B 4GB
- Grove Base Hat for Raspberry Pi
- Micro HDMI to HDMI Adapter
- Raspberry Pi PoE HAT
- ReSpeaker 4-Mic Array for Raspberry Pi
- USB Power Adapter for Raspberry Pi 4 - 5V, 3A
- micro SD Card with Card Reader-32GB(Class 10)
- ICE Tower CPU Cooling Fan for Raspberry Pi (Support Pi 4)
- RPLiDAR A1M8 360 Degree Laser Scanner Kit - 12M Range
- NVIDIA® Jetson Nano™ Developer Kit
- Raspberry Pi Camera Module V2
- Micro USB to Type-C Adapter
- Raspberry Pi Official Power Supply 15.3W USB-C with 1.5M Cable - US Plug 5.1V 3A Black Out of stock
- OKdo Multihead Power Supply 5.1V/3A (15.3W)
- Raspberry Pi 4 Official micro HDMI to Standard HDMI Male Cable - 1m White
- Raspberry Pi 7 inch Touchscreen Display
- Raspberry Pi PiNoir Camera Module V2

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