

Raspberry Pi 4 Computer Model B 1GB

SKU 102110299



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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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](#)

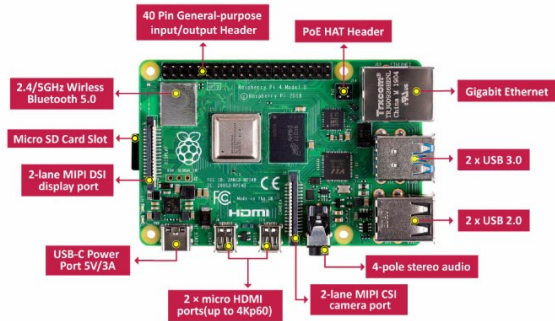
Raspberry Pi 4 Add-ons

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.

Specification

- **Processor:** Broadcom BCM2711, quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
- **Memory:** 1GB, 2GB or 4GB LPDDR4 (depending 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 1GB

ECCN/ITS

HSCODE	8471504090
USHSCODE	85177000
UPC	

Bundle Sales

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- ☐ This item: Raspberry Pi 4 Computer Model B 1GB Out of stock
- ☐ Grove Base Hat for Raspberry Pi
- ☐ Raspberry Pi PoE HAT
- ☐ ReSpeaker 4-Mic Array for Raspberry Pi
- ☐ micro SD Card with Card Reader-32GB(Class 10)
- ☐ USB Power Adapter for Raspberry Pi 4 - 5V, 3A
- ☐ ICE Tower CPU Cooling Fan for Raspberry Pi (Support Pi 4)
- ☐ Raspberry Pi 7 inch Touchscreen Display
- ☐ Raspberry Pi PiNoir Camera Module V2
- ☐ Raspberry Pi Official Power Supply 15.3W USB-C with 1.5M Cable - US Plug 5.1V 3A Black Out of stock
- ☐ Raspberry Pi 4 Official micro HDMI to Standard HDMI Male Cable - 1m White

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