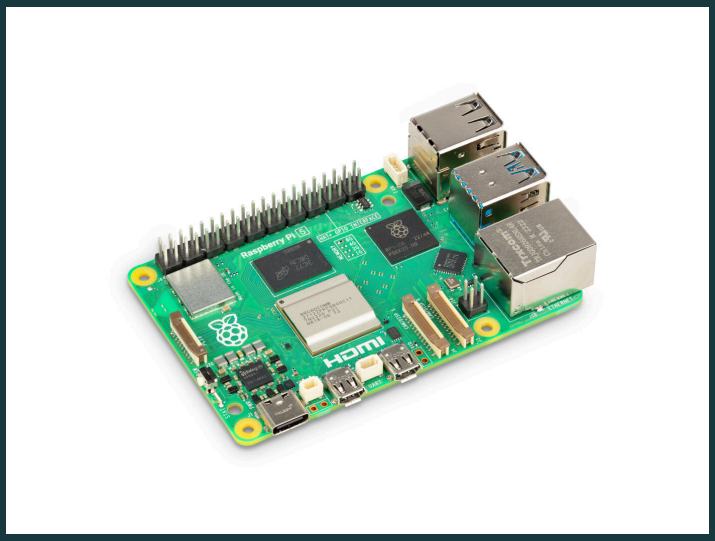
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Raspberry Pi 5 2GB

Raspberry Pi Fifth Flagship Development Computer is assembled with a powerful 2.4GHz 64-bit quad-core Arm processor and an 800MHz VideoCore VII GPU for impressive graphics.

SKU	UPDATED	PRICE
102111005	2026-11-11 09:05:32	$77.50(Excl. VAT)



Overview



Raspberry Pi Fifth Flagship Development Computer is assembled with a powerful 2.4GHz 64-bit quad-core Arm processor and an 800MHz VideoCore VII GPU for impressive graphics. It offers advanced camera support, versatile connectivity, and enhanced peripherals, perfect for multimedia, gaming, and industrial tasks.

Key Features

01 **Raspberry Pi Fifth Flagship Development Computer**

Feature a 64-bit quad-core Arm Cortex-A76 processor running at 2.4GHz, using silicon built in-house at Raspberry Pi, offering a step change in peripheral performance and functionality

02 **Significant Graphics Capability**

Equip an 800MHz VideoCore VII GPU and deliver better graphics performance, suitable for multimedia applications, gaming, and graphics-intensive tasks

03 **State-of-the-Art Camera Support**

Built with the dedicated dual 4-lane 1Gbps MIPI DSI/CSI connectors, tripling total bandwidth, and supporting any combination of up to two cameras or displays

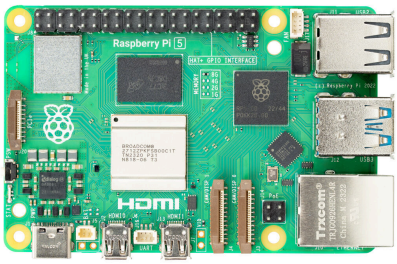
04 **Versatile Connectivities**

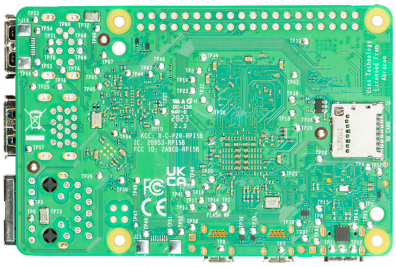
Offer Gigabit Ethernet and a PCIe interface, along with dual-band Wi-Fi and Bluetooth 5.0/BLE wireless capability

05 **Enhanced Peripherals**

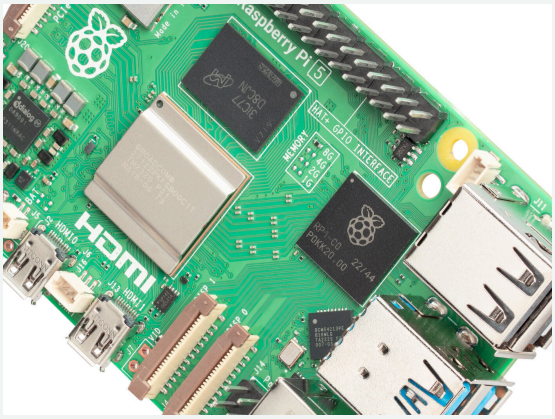
Provide 1x UART connector, 1x microSD card slot supporting high-speed, 2x USB.0 3.0 supporting sync 5Gbps operation, 2x USB2.0 ports ports, 1x RTC, 2x 4Kp60 display output with HDR support

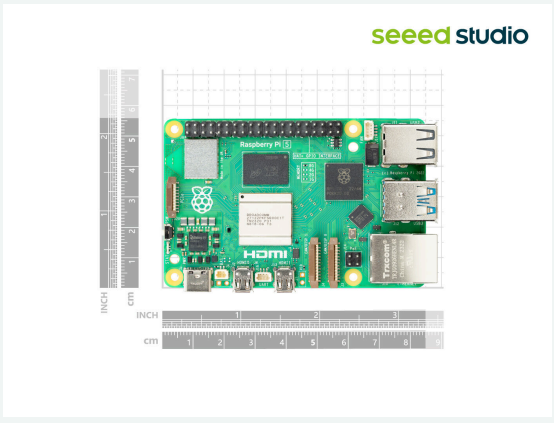
Product Gallery



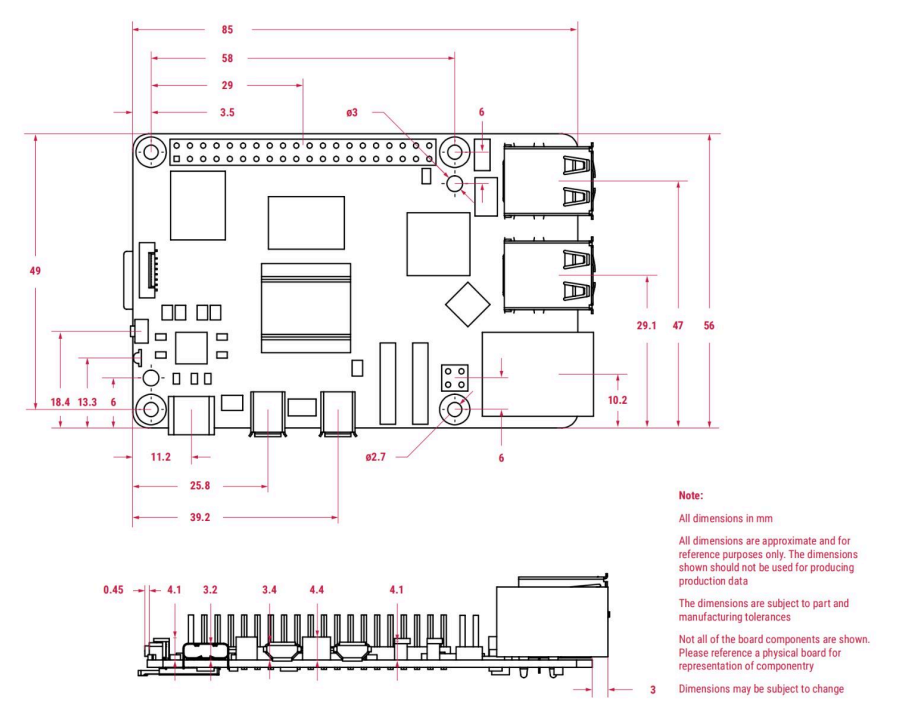








Hardware Overview



Applications

- **Raspberry Pi 5 Smart Home Hub:** Home Assistant is a free and open-source smart home hub that centralizes home automation. It ensures security and reliability by operating independently from remote servers or the internet. Expand its capabilities with Home Assistant Cloud, enabling remote control via voice assistants, with full encryption.
- **The installation method is smooth, direct and simple.**
- **PC alternatives**
- **Multimedia Center**
- **Console**
- **Education and Learning Tools**
- **Smart Home Systems**
- **Sensor Network**
- **Remote Monitoring**
- **Industrial Automation**
- **Embedded Systems Development**

Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-5-2GB-p-5938.html
- Raspberry Pi 5 product brief
- Raspberry Pi 5 mechanical drawing
- Getting started documentation
- RP1 peripherals documentation

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