



Overview

The Raspberry Pi 5 Desktop Kit is a complete, ready-to-use computing solution designed for programming, embedded system development, STEM education, IoT applications, robotics, electronics prototyping, and general desktop computing. The kit includes all official accessories required for quick installation and immediate operation, eliminating the need for additional hardware.

Standard Kit Contents

Raspberry Pi 5 Main Board

- 16GB LPDDR4X SDRAM
- Latest Raspberry Pi 5 architecture
- Ready for high-performance computing and embedded applications

Official Raspberry Pi Case

- Premium red & white enclosure
- Integrated aluminium heatsink
- Active cooling fan
- Optimized airflow for continuous operation

Official 27W USB-C Power Supply

- High-efficiency regulated power adapter

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Designed specifically for Raspberry Pi 5
- Stable voltage delivery for maximum performance

Official USB Keyboard & Mouse

- Matching desktop keyboard and optical mouse
- Keyboard with integrated USB hub
- Plug-and-play operation

Storage

- 32GB MicroSD Card
- Pre-installed latest Raspberry Pi OS
- Ready for immediate boot-up

Display Connectivity

- Two Micro-HDMI to Standard HDMI cables
- Supports dual-monitor setup
- Suitable for extended desktop applications

Documentation

- Official Raspberry Pi Beginner's Guide
- Installation instructions
- Operating system overview
- Basic programming guidance

Raspberry Pi 5 Technical Specifications**Processor**

- Broadcom BCM2712
- Quad-Core 64-bit Arm Cortex-A76 CPU
- Clock Speed: 2.4 GHz

Memory

- 16GB LPDDR4X SDRAM

Graphics

- VideoCore VII GPU
- OpenGL ES 3.1 Support

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- Vulkan 1.2 Support

Video Output

- Dual Micro-HDMI Ports
- Resolution up to 4K @ 60Hz
- HDR Display Support
- Dual Display Capability

Wireless Connectivity

- Dual-Band IEEE 802.11ac Wi-Fi
- Bluetooth 5.0
- Bluetooth Low Energy (BLE)

USB Interfaces

- 2 × USB 3.0 Ports
 - Simultaneous 5 Gbps Data Transfer
- 2 × USB 2.0 Ports

Networking

- Gigabit Ethernet Port

Expansion Interface

- Single-Lane PCI Express (PCIe) 2.0 Interface
- Supports High-Speed Peripheral Expansion

Additional Features

- Integrated Power Button
- Real-Time Clock (RTC)
- External Battery Support for RTC (Battery Not Included)

Key Features

- Complete official desktop solution
- Ready-to-use Raspberry Pi OS installation
- Powerful Quad-Core 2.4GHz Cortex-A76 processor
- Large 16GB LPDDR4X memory
- Advanced VideoCore VII graphics

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- Dual 4K@60Hz HDMI display support
- High-speed USB 3.0 connectivity
- Gigabit Ethernet networking
- Dual-band Wi-Fi and Bluetooth 5.0
- Active cooling for sustained performance
- PCIe 2.0 expansion capability
- Official keyboard, mouse, power supply and enclosure included
- Ideal for programming, AI edge computing, IoT, robotics, embedded systems, education and desktop applications

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