

# Raspberry Pi 400 Personal Computer Kit

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# What is the Raspberry Pi 400?

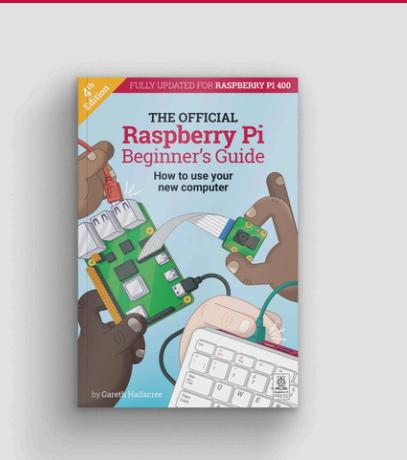
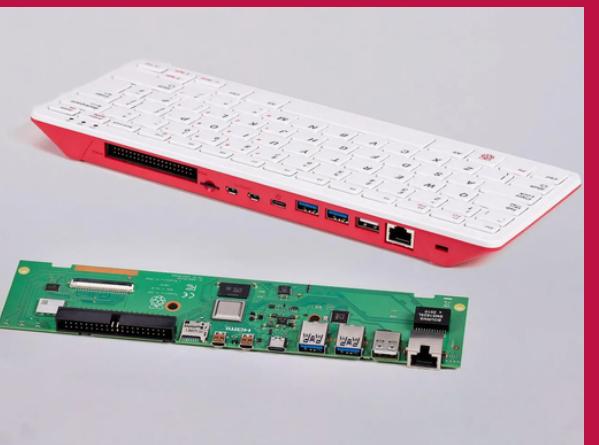
The Raspberry Pi 400 is a compact, all-in-one personal computer built into a keyboard. It's designed to be affordable, portable, and versatile.

- ARM processor
- 4GB RAM
- built-in wireless LAN
- Bluetooth, GPIO pins



# Components

Exploring the kit



# How to Set it Up

Setting up the Raspberry Pi 400 is super simple, and that's one of its key advantage.

Customize your setup with different operating systems like Ubuntu or RetroPie for gaming!

01.

Connect power: Just plug in the power supply via USB-C.

02.

Insert SD card: This serves as your storage and OS drive.

03.

Connect peripherals: HDMI to your monitor, and a mouse to one of the USB ports.

# Why is the Raspberry Pi 400 Special?

01

Accessibility: It's extremely affordable compared to traditional desktops or laptops, making it accessible to students, hobbyists, and even schools.

02

Portability: It's compact, so you can easily carry it around. You just need to add a monitor or even connect to a TV.

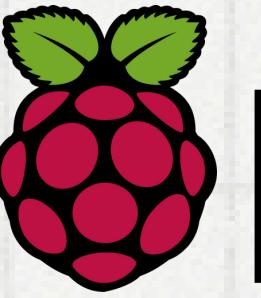
03

Versatility: The Raspberry Pi 400 isn't just for basic computing. You can use it for coding projects, robotics, learning electronics with GPIO pins, and so much more.

04

FLOSS & Open Source: The Raspberry Pi community loves FLOSS. You can install a variety of open-source software, and even the Raspberry Pi OS is based on Debian, which is open-source.

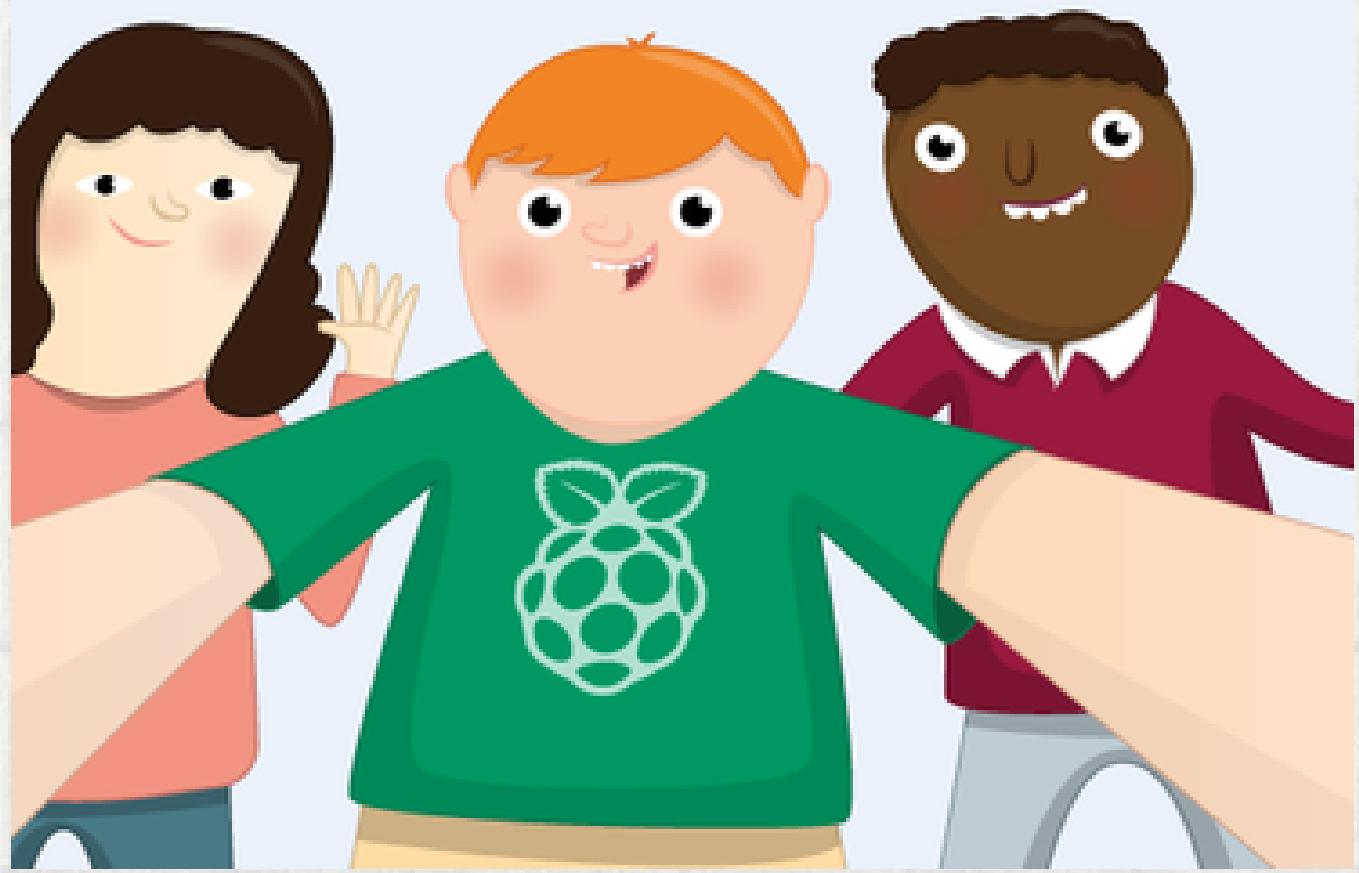
# Hands-on Demo



# Community & Support

## PROS

- Vibrant Community: Tutorials, forums, and open-source software
- Resources: Raspberry Pi's official website, GitHub, and many others



**Floss is all about collaboration, so I encourage you to explore the open-source projects and see how you can contribute.**

# Conclusion

The Raspberry Pi 400 is more than just a budget-friendly computer. It's a gateway to learning, exploring, and creating.

- Start coding
- Explore DIY projects
- Get involved in open-source
- Great tool to have!



**Thank you  
very much!**

