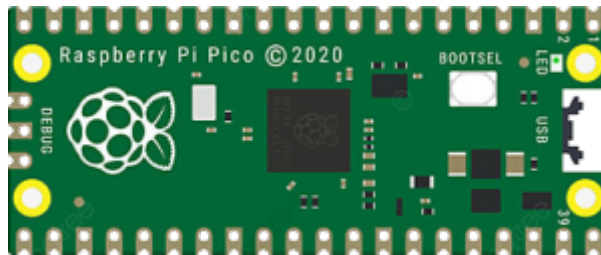


Raspberry Pi Pico

Jun 2026



Introduction

The Raspberry Pi Pico is completely different to the previous generations of Raspberry Pi computers. The main difference between a Raspberry Pi 5 and a Raspberry Pi Pico is that they are two completely different classes of devices designed for totally different purposes.

- Raspberry Pi 5 = a full computer (runs Linux, HDMI, USB, Wi-Fi, multitasking)
- Raspberry Pi Pico = a microcontroller (runs tiny programs, no OS, ultra-low power)

Raspberry Pi Vx — a full single-board computer (SBC)

- Runs a full operating system (Raspberry Pi OS / Linux)
- Works like a tiny desktop PC
- Has HDMI, USB 3.0, Wi-Fi, Bluetooth, Ethernet
- Can run browsers, servers, databases, GUIs, Python apps, etc.
- CPU: Quad-core 2.4 GHz
- RAM: 4-16 GB
- Designed for: computing, media, robotics, servers, learning Linux

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