

# Pico 2 W



**Vendor:** Raspberry Pi

**Features:** BLE, Dual-core, External Flash, USB, WiFi

**Source on GitHub:** [rp2/RPI\\_PICO2\\_W](https://github.com/micropython/micropython/tree/master/ports/rp2/boards/RPI_PICO2_W)

([https://github.com/micropython/micropython/tree/master/ports/rp2/boards/RPI\\_PICO2\\_W](https://github.com/micropython/micropython/tree/master/ports/rp2/boards/RPI_PICO2_W))

**More info:** Website (<https://www.raspberrypi.com/products/raspberry-pi-pico-2/>)

## Installation instructions

Flashing via UF2 bootloader

To get the board in bootloader mode ready for the firmware update, execute `machine.bootloader()` at the MicroPython REPL. Alternatively, hold down the BOOTSEL button while plugging the board into USB. The uf2 file below should then be copied to the USB mass storage device that appears. Once programming of the new firmware is complete the device will automatically reset and be ready for use.

## Firmware

Preview builds

v1.25.0-preview.160.gc73204128 (2024-12-23) .uf2 (/resources/firmware/RPI\_PICO2\_W-20241223-v1.25.0-preview.160.gc73204128.uf2)

v1.25.0-preview.151.g7ca6e5eb6 (2024-12-22) .uf2 (/resources/firmware/RPI\_PICO2\_W-20241222-v1.25.0-preview.151.g7ca6e5eb6.uf2)

v1.25.0-preview.147.g136058496 (2024-12-20) .uf2 (/resources/firmware/RPI\_PICO2\_W-20241220-v1.25.0-preview.147.g136058496.uf2)

v1.25.0-preview.145.ga3128f89c (2024-12-20) .uf2 (/resources/firmware/RPI\_PICO2\_W-20241220-v1.25.0-preview.145.ga3128f89c.uf2)

(These are automatic builds of the development branch for the next release)

## MicroPython

- Home (<https://micropython.org>)
- Discord (<https://micropython.org/discord>)
- Discussions (<https://github.com/orgs/micropython/discussions>)
- Wiki (<https://github.com/micropython/micropython/wiki>)
- GitHub (<https://www.github.com/micropython>)

## Resources

- Tutorials (<http://docs.micropython.org/en/latest/pyboard/tutorial/index.html>)
- Documentation (<http://docs.micropython.org>)
- Download (</download>)

## Contact

- Contact us (</contact>)
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