



# M5StickC ESP32-PICO Mini IoT Development Kit

SKU: K016-D

*Noted: Stick C ETD on Oct.10, thanks for the understanding.*

**M5Stick-C** is a mini M5Stack, powered by ESP32. It is a portable, easy-to-use, open source, IoT development board.

*What it can do?* This tiny block is able to realize your idea, enlighten your creativity, and help with your IoT prototyping in a very short time. It will take away a lot of the pains from the development process.

M5stickC is one of the core devices in M5Stack product series which is built in a continues growing hardware & software ecosystem. It has a lot of compatible modules & units, as well as the open source code & engineering community that will help you maximum your benefit in every step of the developing process.

## Notice:

- Only Orange type is available for now

# Product Features

- 5V DC power supply
- USB Type-C
- ESP32-based
- 4 MByte Flash + 520K RAM
- 6-Axis IMU MPU6886
- Red LED
- IR transmitter
- Microphone
- 2 Buttons, LCD(0.96 inch), 1 Reset
- 2.4G Antenna: Proant 440
- 80 mAh Lipo Battery
- Extendable Socket
- Grove Port
- Wearable & Wall mounted
- Development Platform [UIFlow](#), [MicroPython](#), [Arduino](#)

# ESP32 Features

- 240 MHz dual core Tensilica LX6 microcontroller with 600 DMIPS
- Integrated 520 KB SRAM
- Integrated 802.11b/g/n HT40 Wi-Fi transceiver, baseband, stack and LWIP
- Integrated dual mode Bluetooth (classic and BLE)
- Hall sensor
- 10x capacitive touch interface
- 32 kHz crystal oscillator
- PWM/timer input/output available on every GPIO pin
- SDIO master/slave 50MHz
- SD-card interface support

# Part List

- 1x M5StickC
- 1x USB Type-C cable



<https://m5stack.com/products/stick-c/10-2-19>