

ESP32-CAM Board

ESP32 board including:

Prozessor: ESP32-Chip mit 240 MHz Dual-Core Prozessor und 448 KB SRAM

Kamera: OV2640 2 Megapixel

- [Flashing on a mac with Arduino IDE](#)

Flashing on a mac with Arduino IDE

- you need the bottom part (micro usb programmer) and a micro usb cable:



- Install ESP32 board in Arduino like so:
<https://randomnerdtutorials.com/installing-the-esp32-board-in-arduino-ide-windows-instructions/>
- when installed: select ESP32 Boards → **AI-Thinker ESP32-CAM**
- select correct port
- click upload

sometimes this works out of the box. If not:

- before Arduino starts uploading: press *IO0* button & keep it pressed → press *reset* button → release both. The light flashes and it should go to flashing mode
- when Arduino starts uploading ("uploading") it should find the device immediately