



The Kumquat is a compact and versatile embedded system powered by the Allwinner V3s SoC. It offers robust connectivity options, extensive I/O capabilities, and support for popular programming languages. With its powerful features and flexible design, the Kumquat is ideal for a wide range of industrial, IoT, and embedded systems applications.

## Specifications:

- ARM Cortex-A7 @ 1.2GHz
- 64MB DDR2 Memory, 8MB Flash
- 10/100 Ethernet
- USB-C Device or Host
- Serial Console over USB-C
- Analog Audio Codec
- Isolated CAN-FD
- Real Time Clock w/ battery backup
- 8x 12/24V IOs, 4x Relays
- QWIIIC Extension Interface

## Software:

- Buildroot Linux Distribution
- Mainline Linux Kernel
- U-Boot Bootloader
- Support for C, C++, Python

## Applications:

- Industrial & Home Automation
- IoT / IioT
- Robotics
- Embedded Systems