ODROID-C4

Introduction

ODROID-C4 is a new generation single board computer that is more energy efficient and faster performing than ODROID-C2 which was introduced over four years ago as the world's first affordable ARM 64bit computer. The main CPU of the ODROID-C4 is built with a quad-core Cortex-A55 cluster with a new generation Mali-G31 GPU. The A55 cores run at 2.0Ghz without thermal throttling using the stock heat sink allowing a robust and quiet computer. The CPU multi-core performance is around 40% faster, and the system DRAM performance is 50% faster than the ODROID-C2.
Beginner's Guide

- Install the OS, Google Play and etc.... and **Getting Started!**

Application Note

Application Note

Hardware and Peripherals

Hardware Information

Software Platform

Information

- Boot sequence
- Partition Table
Build

- U-boot
- Linux
- Android
- Buildroot

Software(OS) Release

Please read **THIS** once before you start to download and flashing S/W release on your ODROID device.

- Android
- Ubuntu
- Third Party OS Images

Trouble Shooting

- boot.ini
- USB hub reset

Expansion Boards and Accessories

- C-Tinkering Kit with/without WiringPi & Python
- 16x2 LCD IO shield on ODROID-C4
- C4-3.5inch TFT+Touchscreen Shield
- Weather-Board with IO shield
- SPI Dot-Matrix with GPIO based SPI-master
- USB GPS Receiver
- I2S HiFi Shield
- Stereo Boom Bonnet
- PCF8563 RTC Module
- Rootless GPIO access: /dev/gpiomem
- oCam
- VU Series (VU5, VU7, VU7 Plus)