

Release Note of Ubuntu 16.04 LTS (v1.1)

Summary

Release Date	2016-02-26
Release Type	Production

File name : ubuntu64-16.04lts-mate-odroid-c2-20160226.img.xz

Note: OS will reboot on the first boot for automatic rootfs resize

New updates

- Official US West Coast: http://odroid.in/ubuntu_16.04lts
- Official US East Coast: http://east.us.odroid.in/ubuntu_16.04lts (Thanks to David Beauchamp @ ArchLinuxARM)
- Official EU Germany: http://de.eu.odroid.in/ubuntu_16.04lts
- Official Korea Mirror: <http://dn.odroid.com/S905/Ubuntu>

Kernel Updates

- Enable I2C-1 and I2C-2
- i2cdetect error fixed
- Fixed trip points for the thermal driver
- [WiringPi](#) Support
- AUFS Support for Docker (Thanks Uli Middelberg)
- Reduced HDMI driver prints
- Removed several audio debug messages
- Mix fixes on thermal driver
- Swap Kernel panic is fixed
- USB OTG support fixed
- 1-Wire support added
- Hardware PWM added
- USB Serial adapters support enabled

Userspace Update

- Chromium is the armhf(32bit) version because there is no 64bit build.

Note: The first launching of Chromium browser may take up to several minutes due to a long internal processing.
After that it will launch immediately even you reboot/power-cycle the ODROID.

Known issues

- No Kodi support yet. We are working on it. [Ubuntu Kodi](#)
- No Mali GPU X11 support. Mali GPU works only on the FBDEV at this moment.
- The default sound output is I2S/DAC. To enable the HDMI sound, go to Systems > Preferences > Hardware > Sound and select HDMI.
- 64bit Firefox is very unstable
- Tons of issues not listed. 🤔

How to update the kernel and system

- `sudo apt-get update && sudo apt-get upgrade && sudo apt-get dist-upgrade`

The default boot.ini in V1.1

- Available here: https://github.com/mdrjr/c2_bootini/blob/master/boot.ini

How to checkout

The current version only provide Linux kernel and U-boot source code. Here are the instructions to checkout the source code and build. For more detail information, please visit [U-boot](#) and [Kernel](#).

This guide is only for the NATIVE BUILD.

U-boot

```
$ git clone https://github.com/hardkernel/u-boot.git -b odroidc2-v2015.01
$ cd u-boot
$ make odroidc2_config
$ make
```

Linux Kernel

```
$ git clone https://github.com/hardkernel/linux -b odroidc2-3.14.y
$ cd linux
$ make odroidc2_defconfig
$ make -j5
$ sudo make modules_install
$ sudo cp arch/arm64/boot/Image /media/boot
```

```
$ sudo cp arch/arm64/boot/dts/meson64_odroidc2.dtb /media/boot
```

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http://wiki.odroid.com/odroid-c2/os_images/ubuntu/v1.1

Last update: **2017/08/02 08:10**

