

Release Note of Ubuntu Minimal 18.04 LTS (v1.0)

Summary

Release Date	2018-05-31
Release Type	release

File name : ubuntu-18.04-4.14-minimal-odroid-**xu4**-20180531.img.xz

If you need a Desktop GUI, you have to download MATE image instead of this minimal image.

XU4 OS image is fully compatible with HC1, HC2, MC1 and XU3.

Download from below servers

- Official US West Coast: http://odroid.in/ubuntu_18.04lts
- Official US East Coast: http://east.us.odroid.in/ubuntu_18.04lts (Thanks to David Beauchamp @ [archlinuxarm](#))
- Official EU Germany: http://de.eu.odroid.in/ubuntu_18.04lts
- Official Korea Mirror: <http://dn.odroid.com/5422/ODROID-XU3/Ubuntu/>

New features

- **Linux Kernel LTS 4.14.43**
- **U-Boot 2017.05**
- Mali GPU driver for framebuffer(fbdev) can be installed with “apt install mali-fbdev”
- Kodi 17.6 package for fbdev can be installed with “apt install kodi-fbdev”.

The RootFS Auto-resize feature has changed!!!
Once everything is done after auto-resize, the power will turn off automatically. Wait a couple of minutes.
And press the power button or unplug-plug the DC plug when the blue LED is off.

Known issues and Tips

- Tons of issues undocumented. 🙄

- Kodi supports only H.264 video format at this moment. MPEG4/MPEG2 video decoding is very unstable.
 - To change **CPU governor** to “ondemand”, refer [this guide](#) boot.ini tweaking doesn't work with Kernel 4.14 any more.
 - Some UASP capable USB-to-SATA bridge controllers are not compatible. If your external HDD is not working properly, add its VID/PID in boot.ini [Boot arguments](#) to disable the UAS function something like this.
- ```
usb-storage.quirks=0x0bc2:0x2322:u
```

## Access Credentials

| Username | Password |
|----------|----------|
| root     | odroid   |

## How to Update system and kernel software. Don't forget dist-upgrade

```
sudo apt update
sudo apt upgrade
sudo apt dist-upgrade
sudo reboot
```

## Upgrade from Ubuntu 16.04 Minimal

We freshly flashed “ubuntu-16.04.3-4.14-minimal-odroid-xu4-20171213.img.xz” OS image to a SD card and followed below steps.

Answer “Yes” to all the questions.

But you have to choose “No” menu when you meet a dialog box of “Do you want to abort removal now?” in the last step.

```
sed -i "s/xenial/bionic/g" /etc/apt/sources.list
sed -i "s/xenial/bionic/g" /etc/apt/sources.list.d/odroid.list
rm /etc/apt/sources.list.d/saiarcot895-ubuntu-myppa-xenial.list
apt-get update
apt-fast dist-upgrade
apt-get remove linux-image-xu3
apt-get remove linux-image-4.14*
```

And finalize the upgrade process.

```
apt-get install linux-odroid-5422
apt-get autoremove
reboot
```

If everything goes well, you will see this message.

```
Ubuntu 18.04 LTS odroid ttySAC2

odroid login: root
Password:
Last login: Thu Jun 7 08:20:30 UTC 2018 on tty1
Welcome to Ubuntu 18.04 LTS (GNU/Linux 4.14.47-139 armv7l)

* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage

root@odroid:~#
```

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<http://wiki.odroid.com/> - **ODROID Wiki**

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Last update: **2018/10/27 02:23**

