

OS Installation Guide

Preparing a memory card



Here are the minimum requirements of each operating system.

- Ubuntu Mate: At least **8 GB** is recommended.
- Ubuntu Minimal: At least **4 GB** is recommended.
- Android: At least **8 GB** is recommended.

To insert a memory card into your computer, you need **a memory card reader** to work with that.

You can purchase **OS preinstalled** eMMC / microSD cards from <https://www.hardkernel.com/product-category/memories/>.

When you choose a memory card, please keep in mind that you should **check the product name carefully** to choose a proper memory card for your board.

- **eMMC** is recommended to you when you want to experience much faster computing comes with robust stability.

Operating Systems we're providing

We're providing **Ubuntu Mate** as well as **Android** for each ODROID board.

Ubuntu Mate is one of the most famous Linux distribution provides a graphical desktop environment. It is lightweight, fast, and customizable at your taste. If you want to get more information, please visit Ubuntu Mate websites: <https://ubuntu-mate.org/>

Ubuntu Minimal is for those who want to use the board as a headless server like a NAS, a website

hosting server or a media player, even a simple classic game emulator. Or, it could be a remote build machine too.

Android is the most popular mobile platform in the world. You can use Android to get the easy interface for any of diverse use.

Downloads

ODROID-N2



Ubuntu MATE 18.04.3 desktop image.
[KR](#) [US](#) [East](#) [US](#) [West](#) [EU](#)

Ubuntu Minimal 18.04.3 image.
[KR](#) [US](#) [East](#) [US](#) [West](#) [EU](#)



Android Pie (9.0.0) image.
For 64-bit
[KR](#) [US](#) [EU](#)

For 32-bit
[KR](#) [US](#) [EU](#)

We're also providing the other useful **third-party** images for use as a media server, a game station, or a network-attached server.

And the other Linux distributions are also provided. These powerful images are from our partners or our customer.

All of these images are listed here: [Third-party images](#).

ODROID-XU4



Ubuntu MATE 18.04.3 desktop image.
[KR](#) [US](#) [East](#) [US](#) [West](#) [EU](#)

Ubuntu Minimal 18.04.3 image.
[KR](#) [US](#) [East](#) [US](#) [West](#) [EU](#)



Android KitKat (4.4.4) image.

For **eMMC** card.

[KR](#) [US](#) [EU](#)

For **microSD** card.

[KR](#) [US](#) [EU](#)

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- If you can not boot from eMMC, please refer to https://wiki.odroid.com/accessory/emmc/recovery_xu4.

ODROID-C1



Ubuntu MATE 18.04.3 desktop image.

[KR](#) [US](#) [East US](#) [West US](#) [EU](#)

Ubuntu Minimal 18.04.3 image.

[KR](#) [US](#) [East US](#) [West US](#) [EU](#)



Android KitKat (4.4.4) image.

[KR](#) [US](#) [EU](#)

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ODROID-C2



Ubuntu MATE 18.04.3 desktop image.

[KR](#) [US](#) [East](#) [US](#) [West](#) [EU](#)

Ubuntu Minimal 18.04.3 image.

[KR](#) [US](#) [East](#) [US](#) [West](#) [EU](#)



Android Marshmallow (6.0.1) image.

[KR](#) [US](#) [EU](#)

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ODROID-GO Advance



Ubuntu Minimal 18.04.3 image for EmulationStation.

<https://dn.odroid.com/RK3326/ODROID-GO-Advance/Ubuntu/>

- Ubuntu MATE **user/passwd: odroid/odroid, root/odroid**
- Ubuntu Minimal **user/passwd: root/odroid**

Installation

Download Etcher

You can easily flash an image to your memory card using Etcher.

Download Etcher here: <https://www.balena.io/etcher/>

Insert a memory card

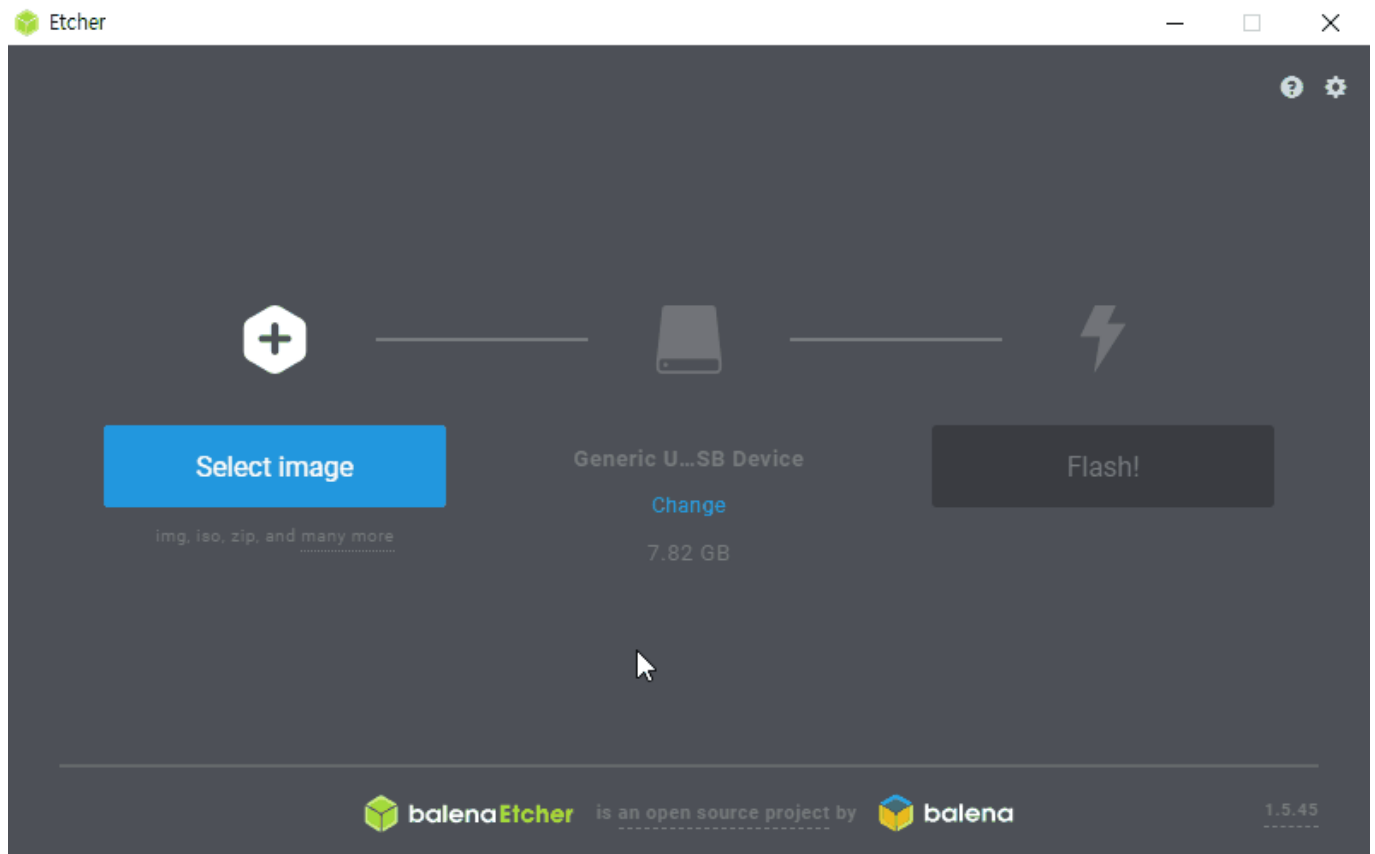
Insert a memory card into your computer. You may use a proper memory card reader.

If you are using an eMMC card, insert the eMMC card as shown below.



Flash the image

1. Open Etcher.
2. Select the downloaded OS image.
3. Select the inserted memory card. (Normally, the memory card is detected automatically.)
4. Click Flash!



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