

Install Fedora ARM on a Raspberry Pi

Hey, In this post I'll show you the easiest way to get started with Fedora ARM on a raspberry pi. This tutorial is for beginners that don't want to get complicated so, it doesn't require the use of the command line.

1. Download the Fedora ARM image

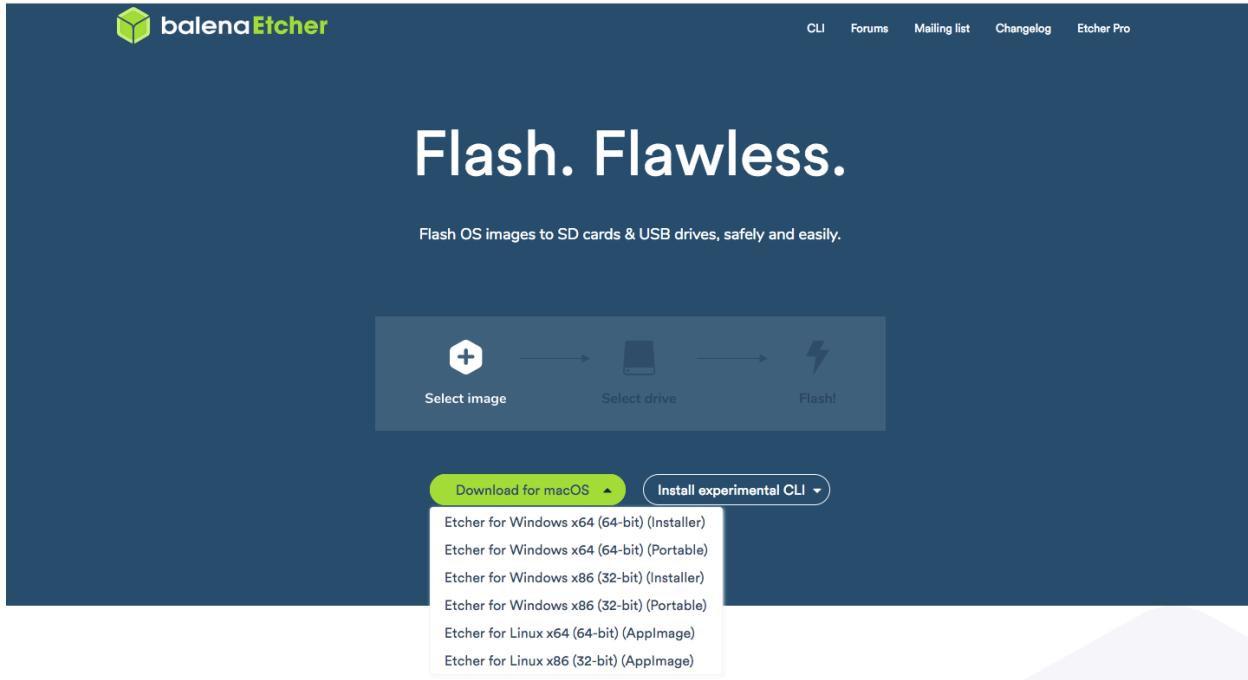
Go to https://fedoraproject.org/wiki/Architectures/ARM/Raspberry_Pi#ARMv7_supported_images and download one of the images listed by the "ARMv7 supported images"

After the download is complete you can go to step two.

2. Download Etcher

Etcher is a GUI tool that makes it easy for you to flash OS images to SD cards & USB drives, safely and easily.

Go to <https://www.balena.io/etcher/> click on the green arrow and select your operating system from there.



After download is complete you can go to the downloads folder and install Etcher.

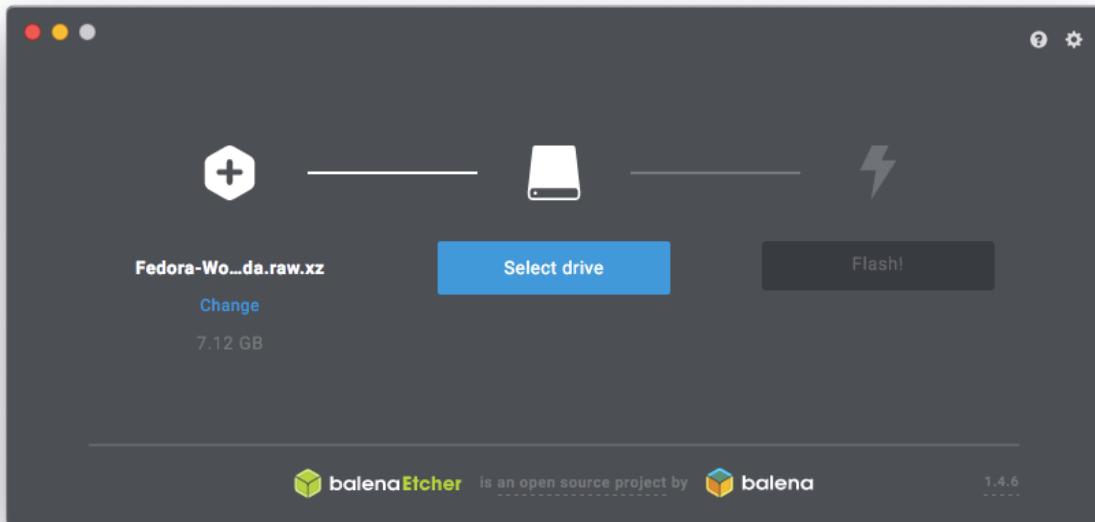
3. Flash the SD card with the Fedora ARM

Take your micro sd card and insert it in your computer. If you don't have a SD/microSD card slot you can use a SD card adapter.

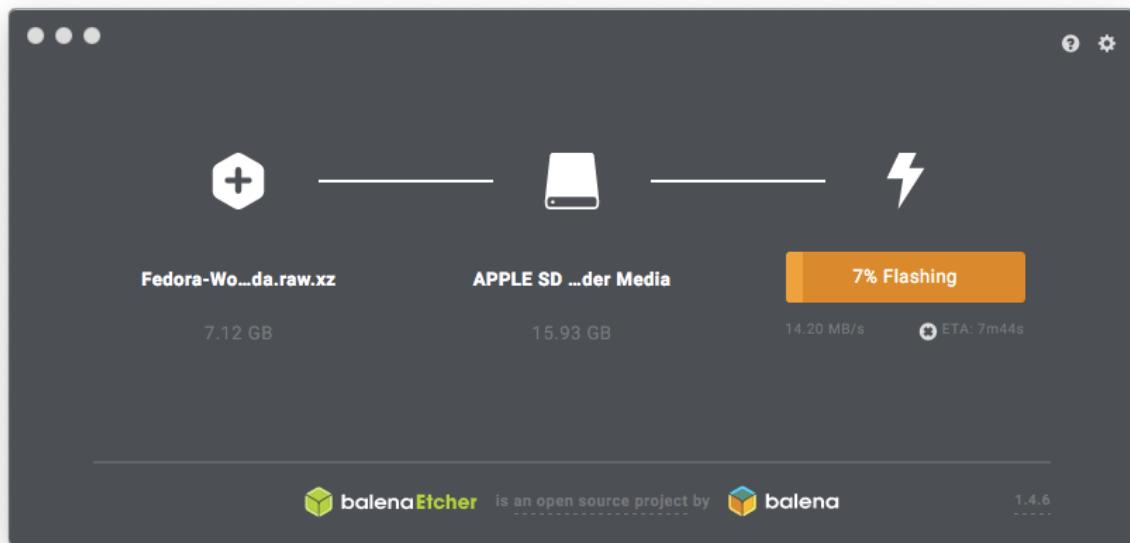
Open etcher and click on select image. Go to the drectory where you saved your Fedora ARM image from step 1, select it an click on open.



After the image is selected, you can click on “Select drive” and select your SD card.



Finally, you can click on Flash and wait for the proccess to finish.

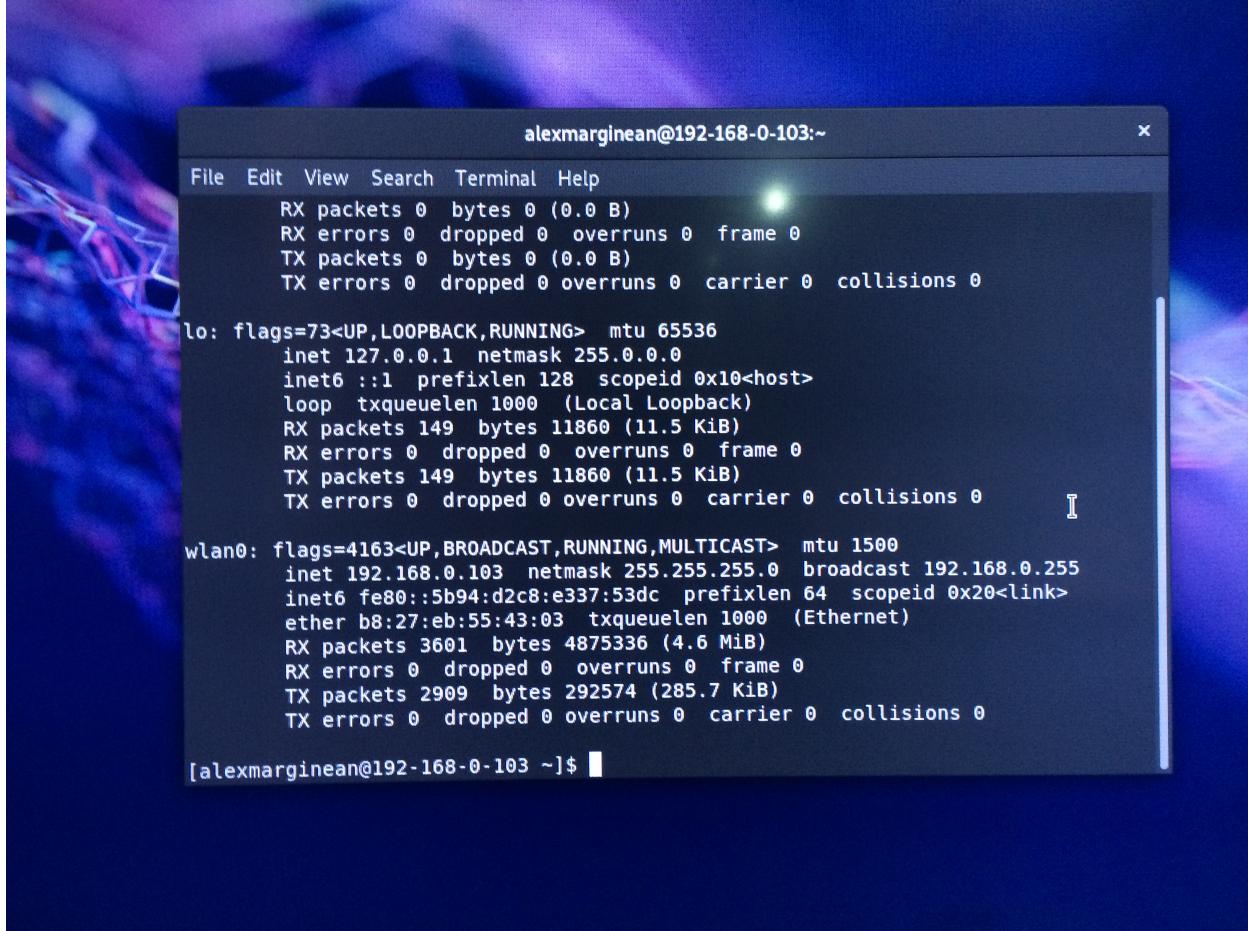
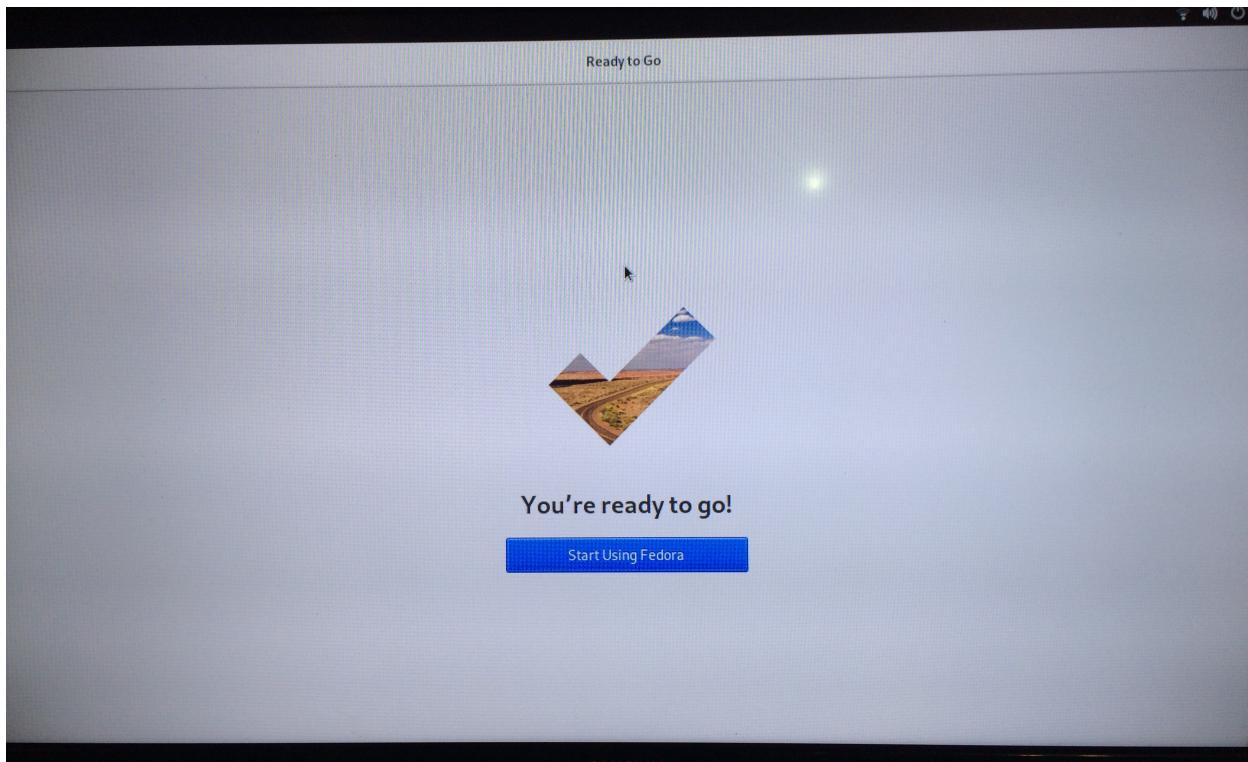


4. Boot Fedora ARM

Now that you have your sd card flashed with fedora ARM you can insert your sd card into your Raspberry Pi, plug the necesary cables and fedora ARM should boot.

Go through the setup screen and input your own information.

Once you do that you can use your fedora ARM os running on raspberry pi.



A terminal window titled "alexmarginian@192-168-0-103:~" is shown against a dark background with a purple and blue abstract pattern. The window contains the following output from the "ifconfig" command:

```
alexmarginian@192-168-0-103:~
```

```
File Edit View Search Terminal Help
```

```
RX packets 0 bytes 0 (0.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 0 bytes 0 (0.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
        loop txqueuelen 1000 (Local Loopback)
        RX packets 149 bytes 11860 (11.5 KiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 149 bytes 11860 (11.5 KiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.0.103 netmask 255.255.255.0 broadcast 192.168.0.255
    inet6 fe80::5b94:d2c8:e337:53dc prefixlen 64 scopeid 0x20<link>
        ether b8:27:eb:55:43:03 txqueuelen 1000 (Ethernet)
        RX packets 3601 bytes 4875336 (4.6 MiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 2909 bytes 292574 (285.7 KiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
[alexmarginian@192-168-0-103 ~]$
```

