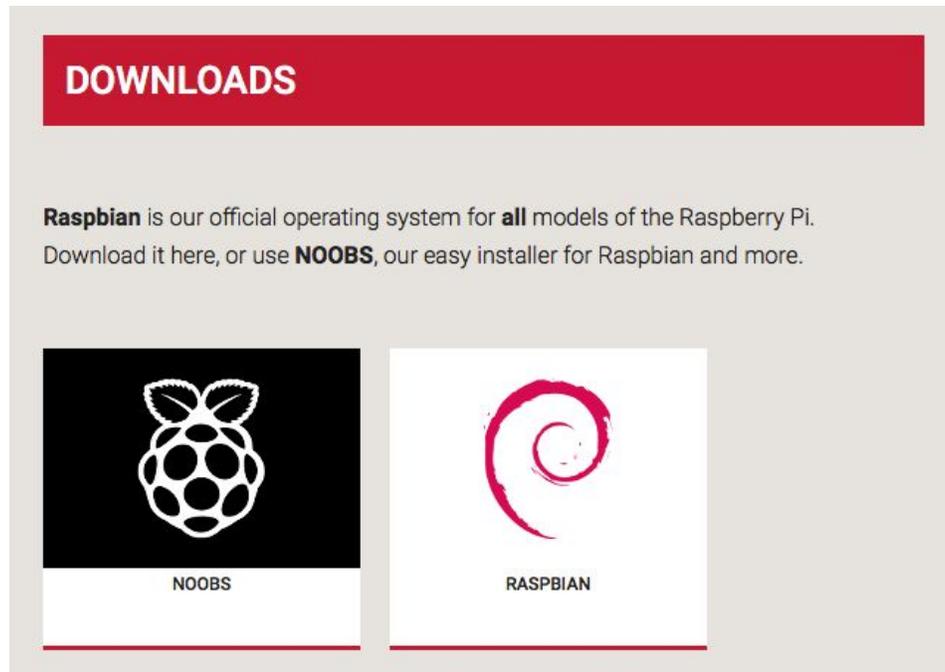## Setting Up Your Raspberry Pi Image

Follow these instructions to flash the Raspbian image to your SD card. (This procedure will require a computer with a SD card reader.)

The first method will take you through the steps to download Raspbian and flash it to the SD card using Etcher. This is a straightforward way to prepare your SD card for the Raspberry Pi.
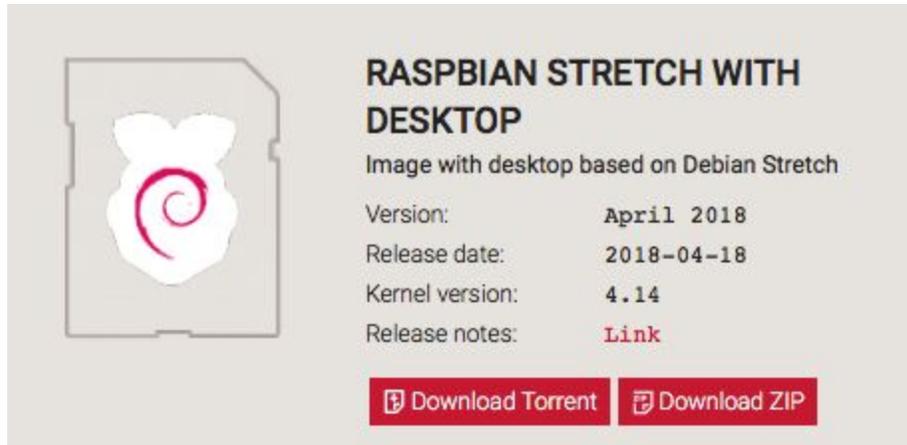
1. **Download your Raspbian image.**

   Go to https://www.raspberrypi.org/downloads/. Click on RASPBIAN.

Choose RASPBIAN STRETCH WITH DESKTOP.

Click on Download ZIP. The image should start downloading. (Depending on your internet speed this may take a while to download.
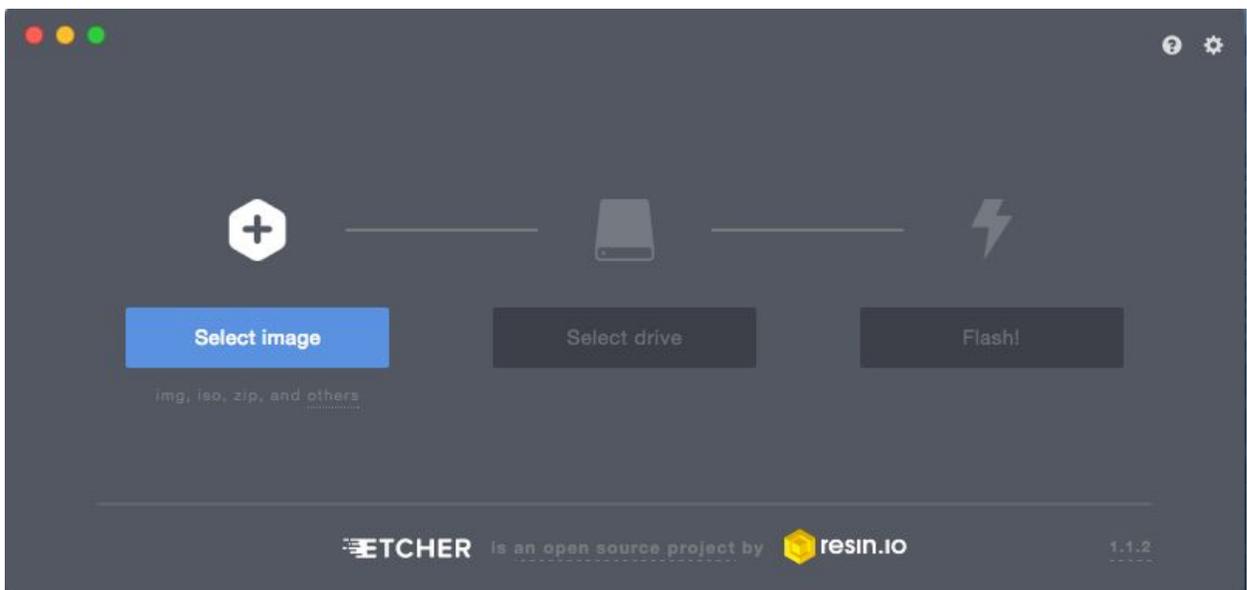
RASPBIAN STRETCH WITH DESKTOP

Image with desktop based on Debian Stretch

Version:	April 2018
Release date:	2018-04-18
Kernel version:	4.14
Release notes:	Link

Download Torrent   Download ZIP

2. **Download and install the Etcher application.**

Go to etcher.io and click download. Make sure you are downloading the correct version for your computer. Once it downloads, install Etcher.

Burn. Better.

Flash OS images to SD cards & USB drives, safely and easily.

Download for macOS

or, use our experimental CLI
version v1.4.4 - See what's new!

Tweet   Star   11,295

3. **Flash your image to the SD card.**

Open Etcher. The program will take you through the three step process which includes selecting the image, selecting the SD card and then flashing the image onto the SD card.

I have found another process to flash a Raspbian image onto the micro sd card. This process uses an application called PiBakery. PiBakery allows you to add some custom set up to the image before it is flashed. You can set up the wifi, change hostnames, usernames, passwords, and more. The set up uses a Blockly type programming that is very intuitive.

To download PiBakery head to pibakery.org to download the application. Just like Raspbian, PiBakery takes a while to download. It is not only downloading the PiBakery application, but the Raspbian as well. With PiBakery there is no need for an application to flash the micro sd card. PiBakery does this for you.

1. Download and install PiBakery.

   Go to http://www.pibakery.org/download.html and click on the correct operating system for your computer.

Download PiBakery

The easiest way to setup a Raspberry Pi

Mac	Windows	Source
OS X 10.9+	Vista, 7, 8, 10	

Click download the installer. The application should start downloading. Once it
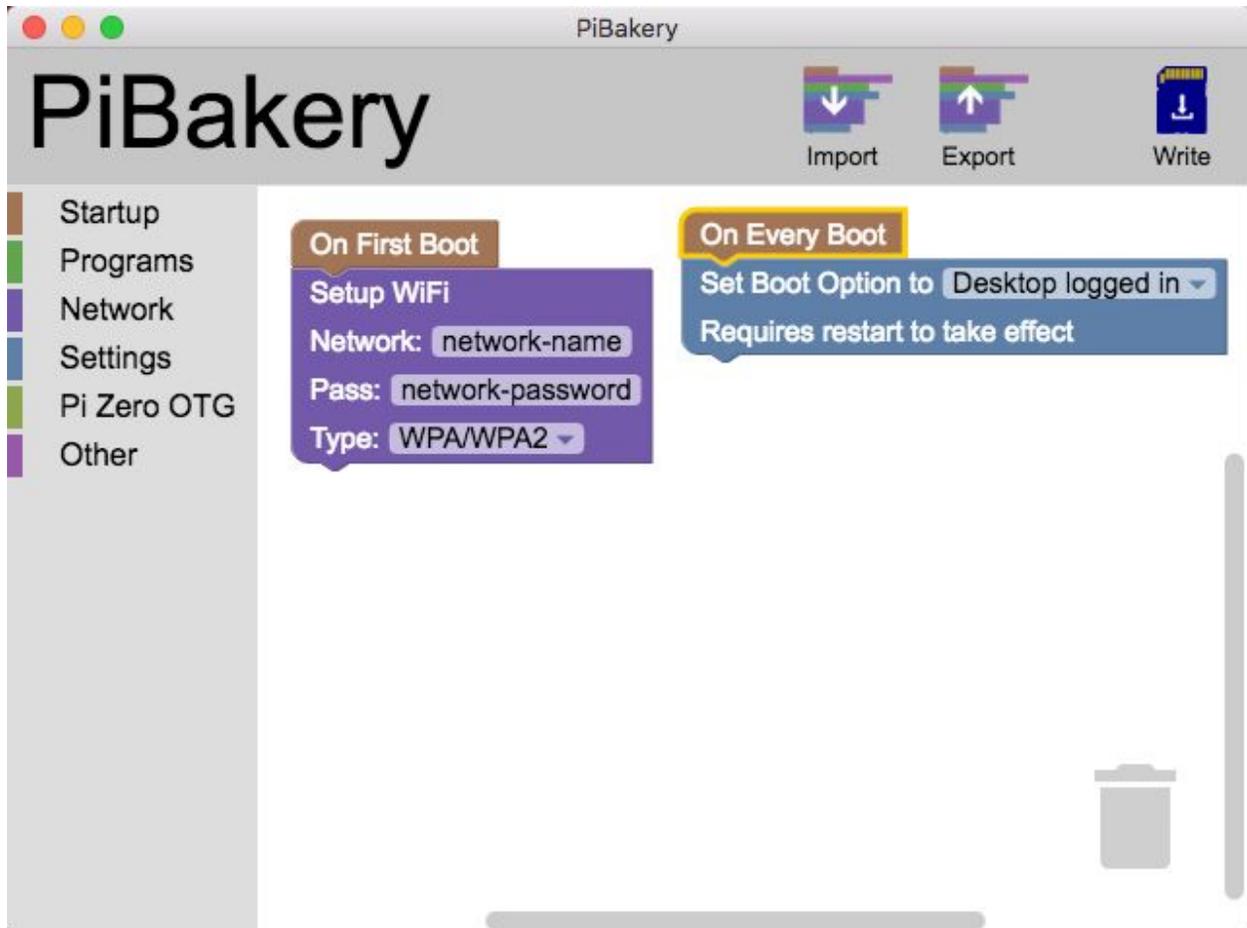
Installing PiBakery on Mac

1. Download PiBakery

The first step to installing PiBakery on Mac is to download the installer. (FR1, FR2, CA1 mirrors)

Keep in mind that this download contains the full operating system for Raspberry Pi, and is therefore a large file, which can take a while to download depending on the speed of your internet connection.

   is done, install PiBakery.

2. Prepare your image by moving the blocks to the workspace. When you are ready, you can click Write.

There are other ways to prepare your SD card. I have chosen these to methods because they have proven to work more consistently and have been the easiest to use.