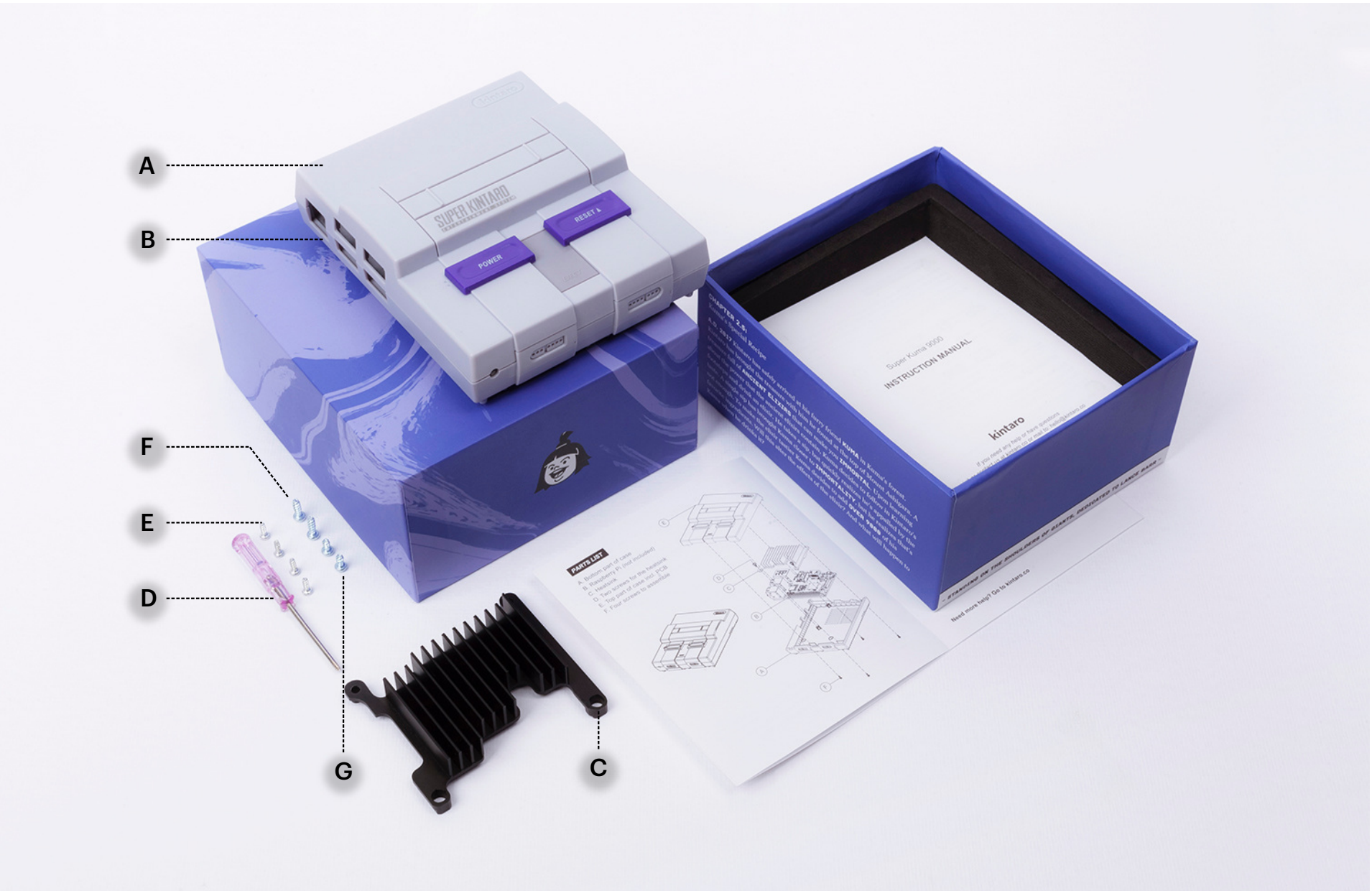
Super Kuma 9000

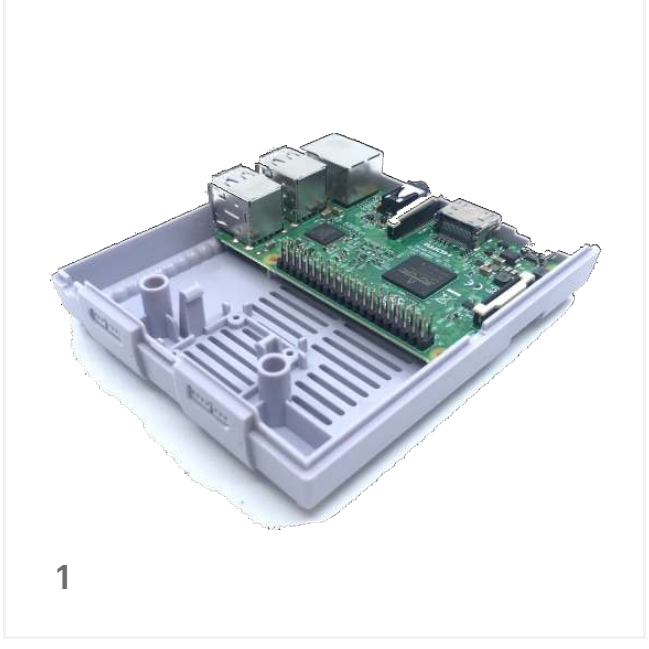
Welcome to the setup tutorial for your Super Kuma 9000 case. Soon you will receive the product and with the help of this guide you can install the hardware and software to play games. We will take you step by step through the process so please read carefully. We hope you'll enjoy the Kuma 9000. Let's go



Quick check up (hardware)

Before we start to assemble your case we need to make sure we have all the stuff to install the hardware. So let's gather the tools.

A. the top part of the case (including the PCB)
B. the bottom part of the case
C. one black heatsink
D. one purple screwdriver
E. four screws to attach the case
F. two heatsink screws to attach the heatsink with the Raspberry Pi- longer version
G. two extra Raspberry Pi screws - shorter version (only to be used if you don't use your Kintaro heatsink)
H. thermal paste (not pictured)
I. a raspberry pi or asus tinker board, which only works without the Kintaro heatsink (not pictured and included)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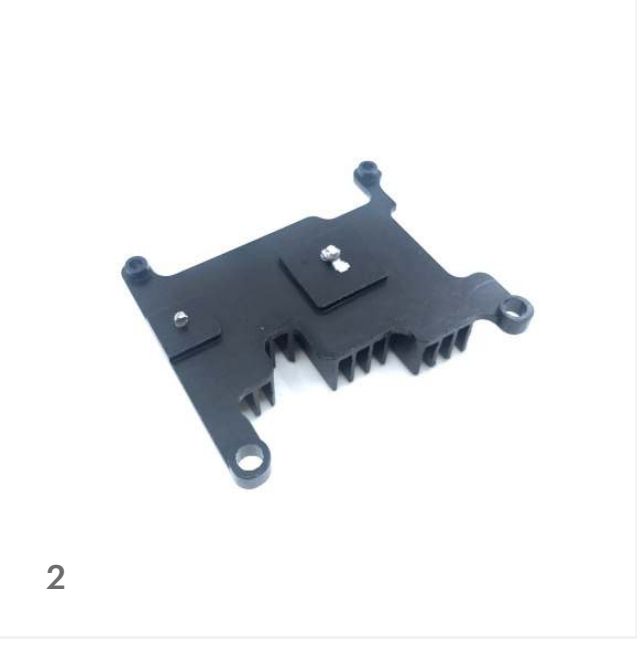
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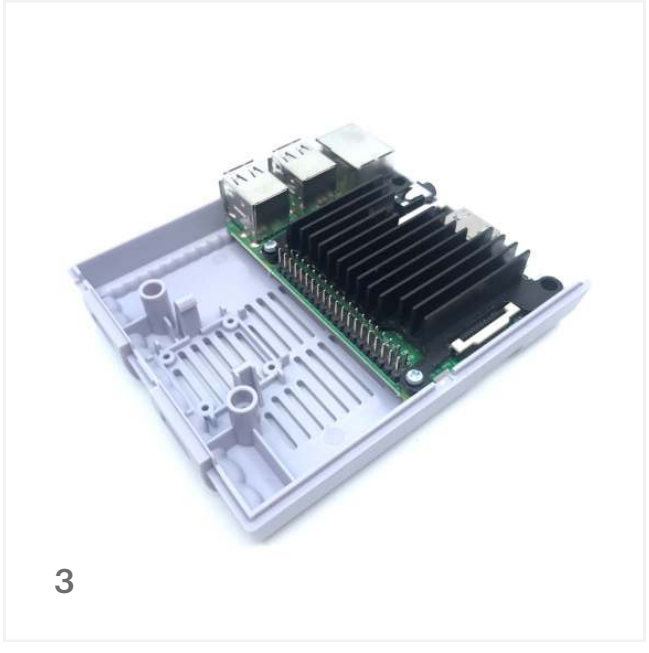
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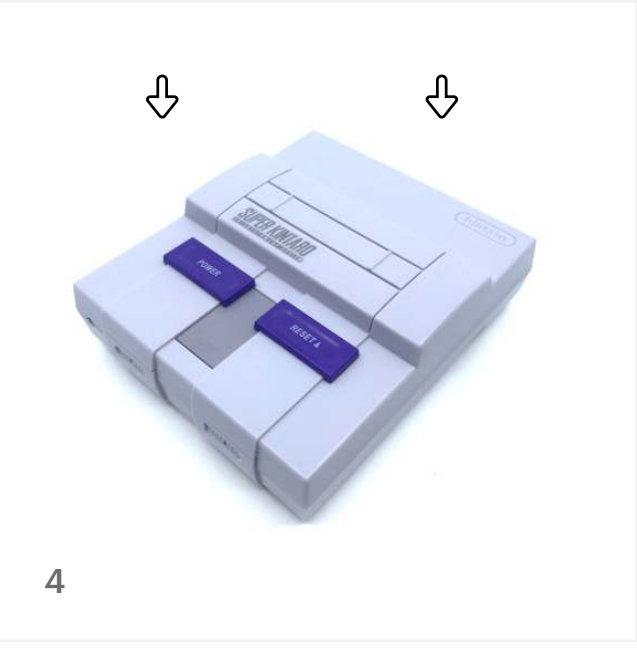
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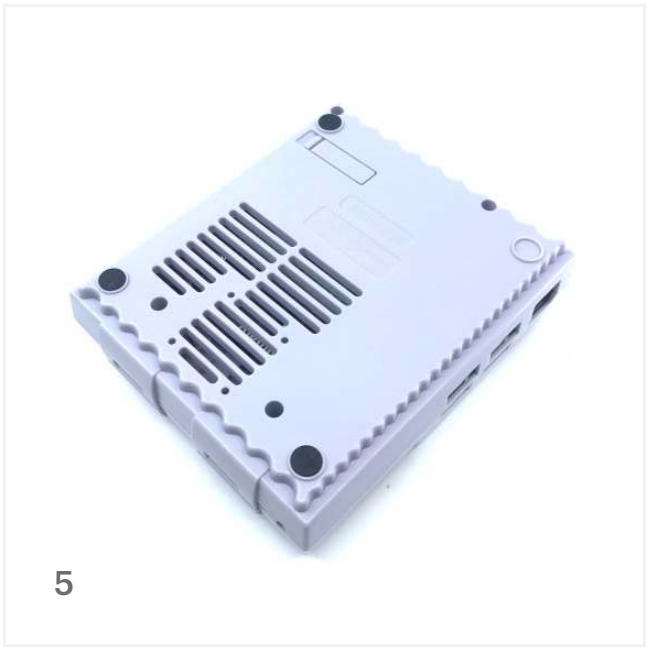
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6

Hardware installation

1. Place your Raspberry Pi (I) in the bottom part (B) of your case. Make sure they are aligned.

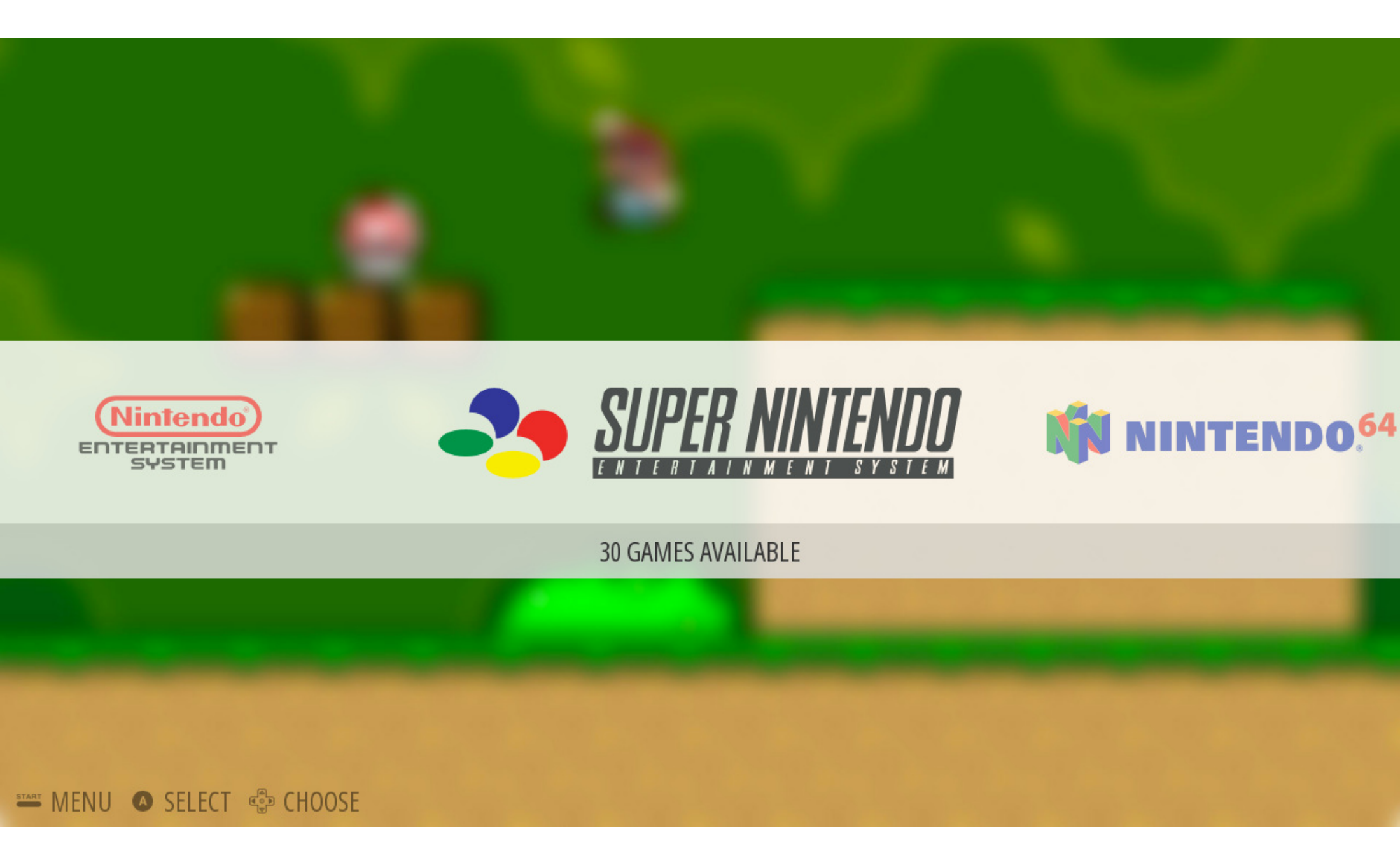
2. Now place two small drops of thermal paste on the CPU and GPU of the Raspberry Pi (I). Placing the thermal paste (H) on the squares of the heatsink instead of the Raspberry Pi is also an option.

3. Now place your heatsink (C), including the two correct screws (F) placed inside the correct holes, onto your Raspberry Pi (I). Screw the screws in with the provided screwdriver (D). Be cautious when screwing them in.

4. Place the top part of your case (A) on the bottom part of your case (B) including the Raspberry Pi and the heatsink. Please make sure to place the top part of the case in a vertical line.

5. Screw your case together by screwing the four provided screws (E) into the holes in the bottom of your case. Caution: Don't screw the screws in too far!

6. The hardware part of the installation is done. Let's go and install Retropie or Recalbox.


Nintendo ENTERTAINMENT SYSTEM
SUPER NINTENDO ENTERTAINMENT SYSTEM
NINTENDO 64
30 GAMES AVAILABLE
MENU
SELECT
CHOOSE

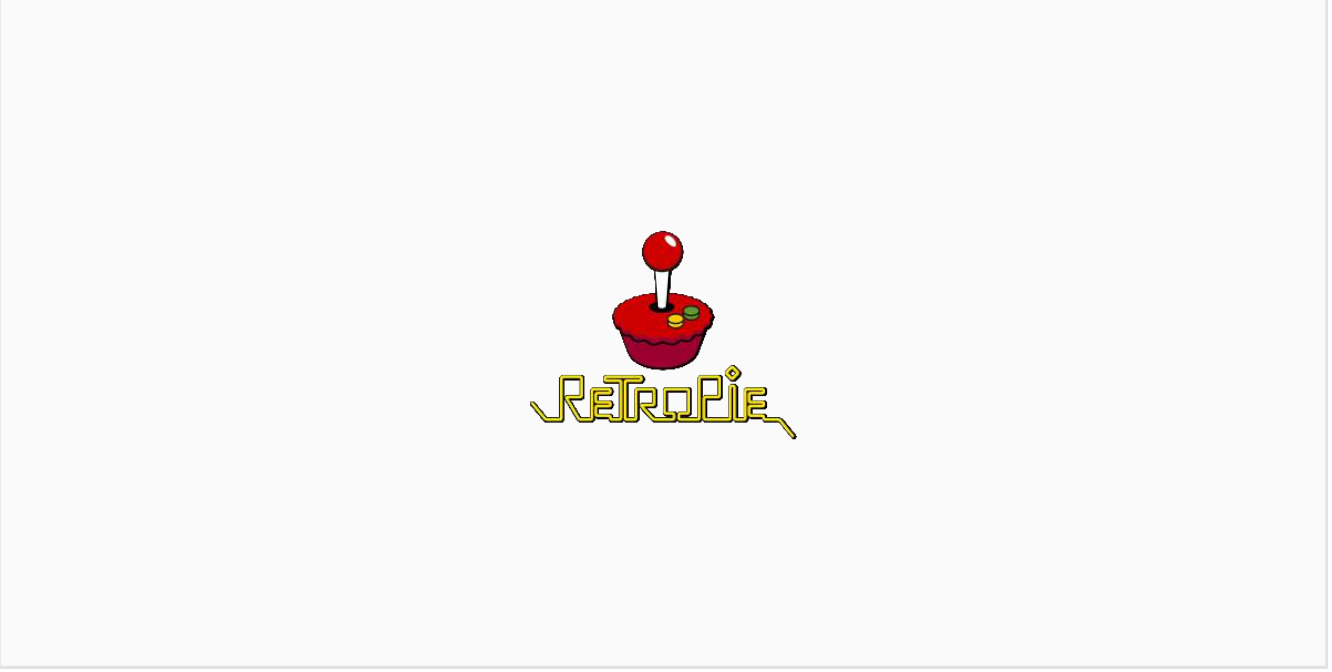
Setup RetroPie or RecalBox (software)

A good start is half the work. Setting up your software is crucial when preparing for your journey back in time. Here we'll show you how to setup RetroPie and Recalbox. This guide works for Windows, OS and Linux

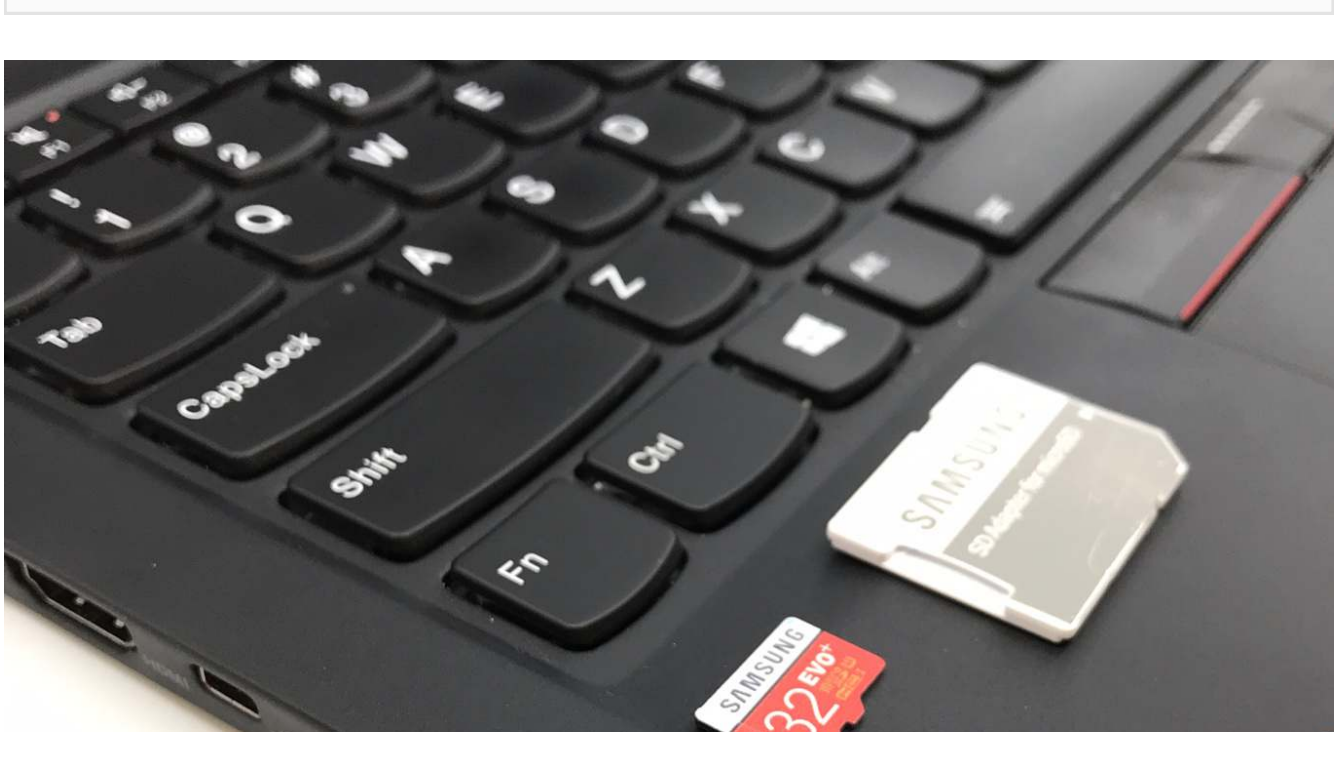
USB controller
HDMI cable
HDMI/DVI monitor or tv
Laptop or PC with SD port
Mirco SD card
Super Kuma 9000 case
Raspberry Pi 3,2 & B+
USB keyboard
Micro USB power supply (preferably the official Raspberry Pi version)

RetroPie setup

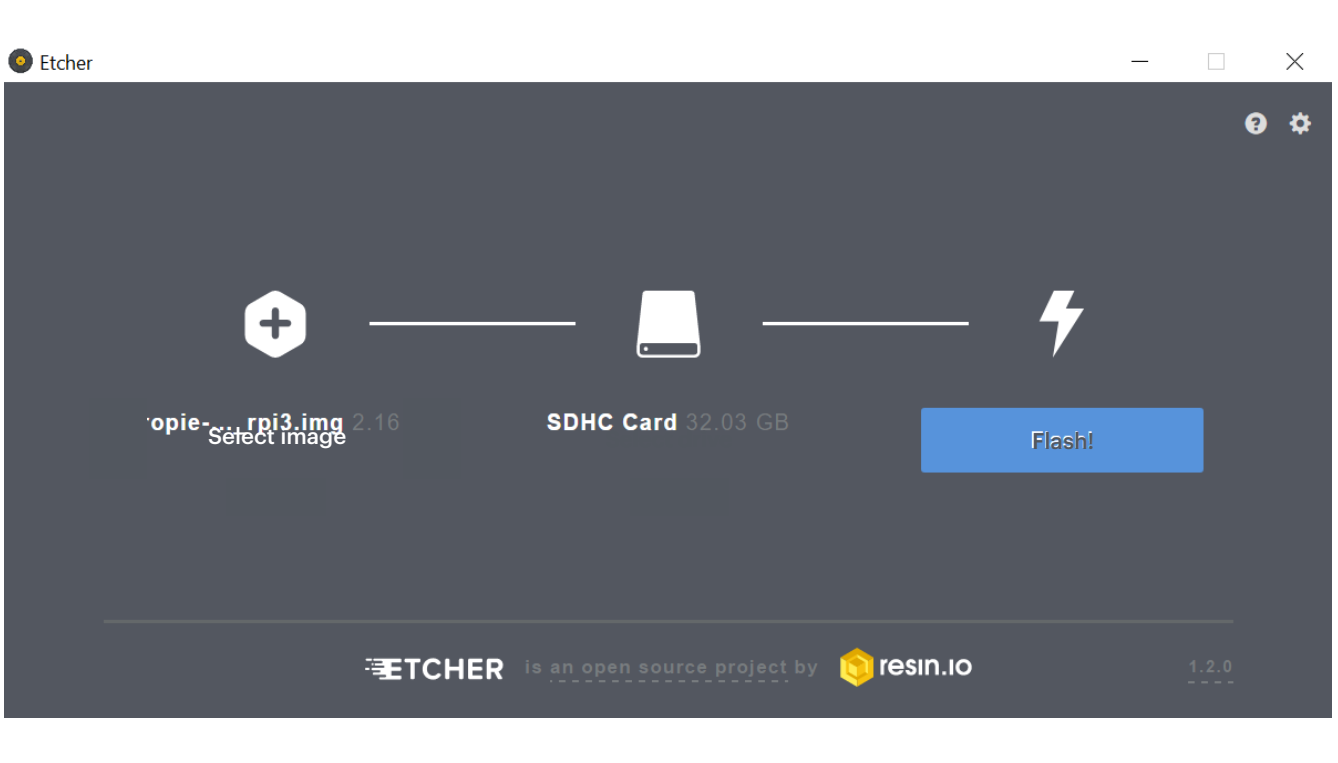
** Note: if you already have a configured RetroPie image you can skip to step 12.*



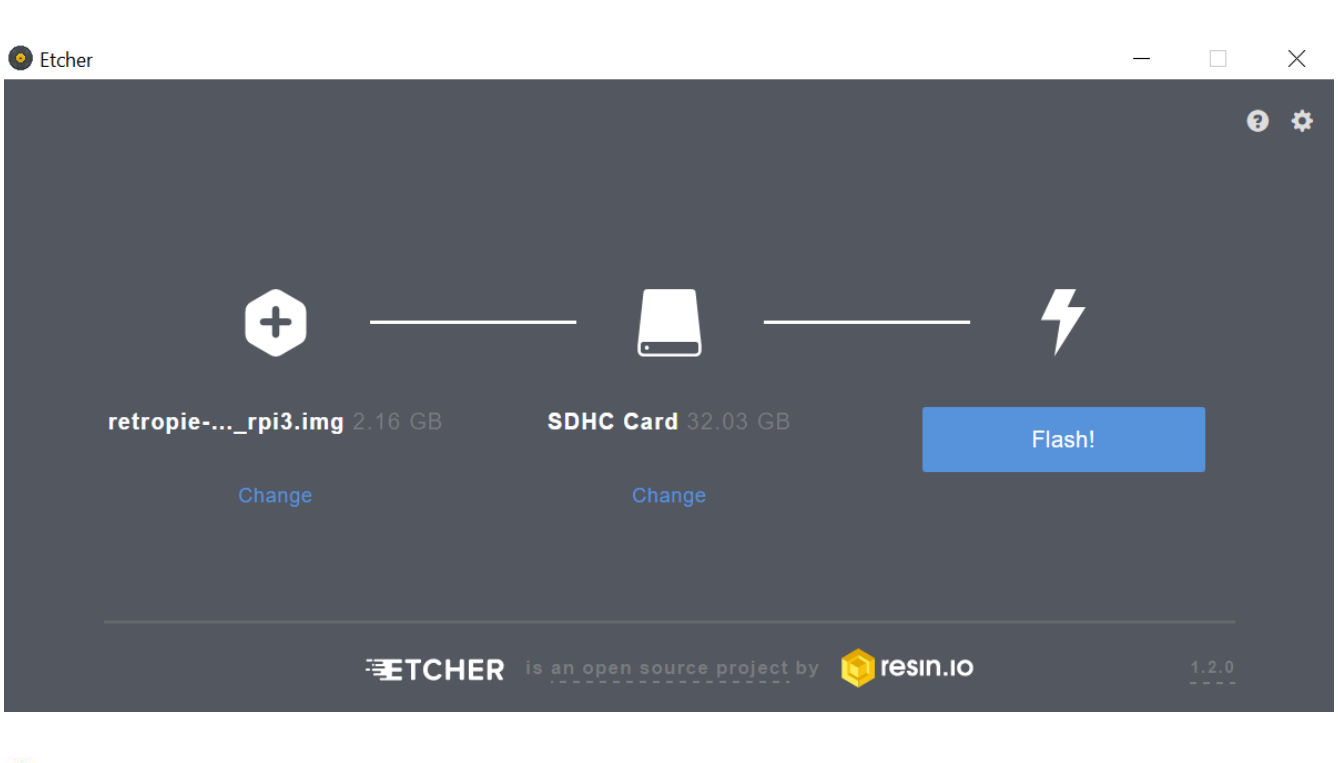
1. Download 7-Zip for unzipping, download and unzip RetroPie and dowload and install Etcher.



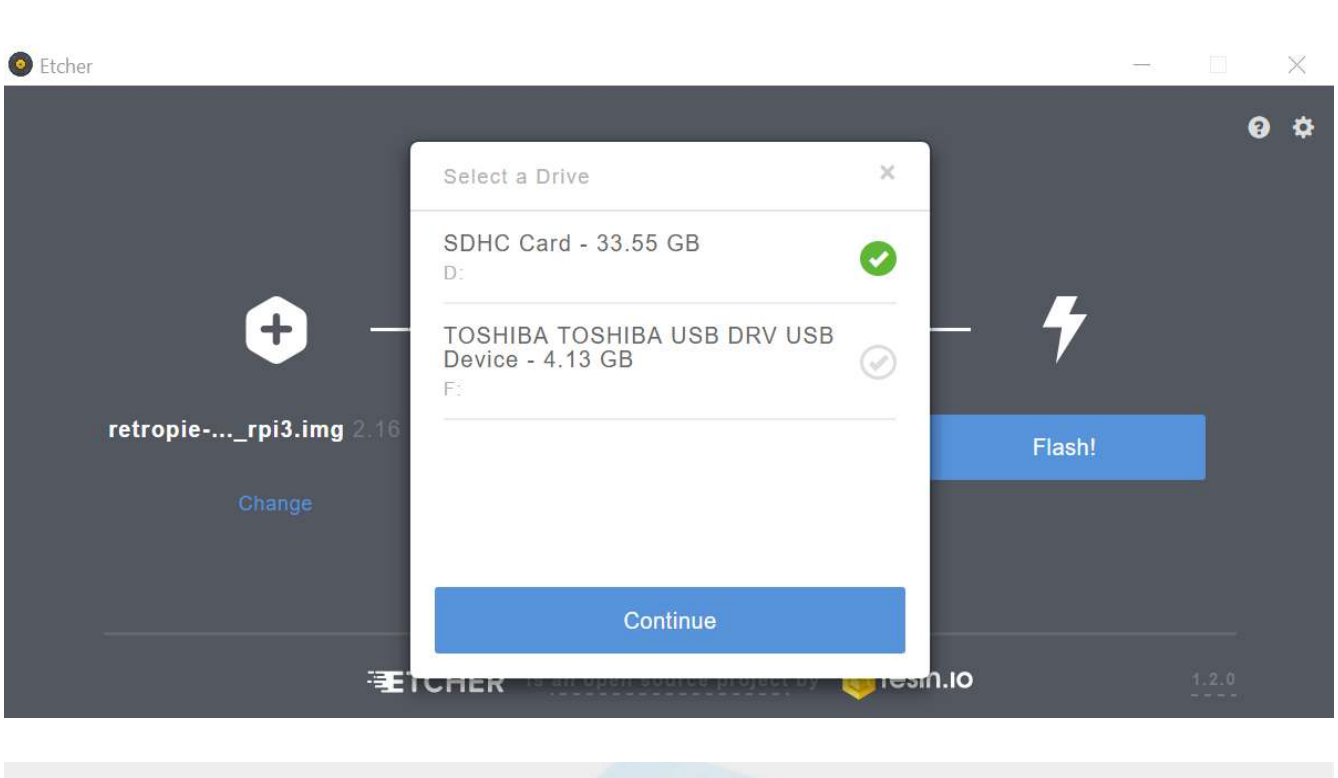
2. Push the micro-sd card into your computer.



3. Open Etcher. Click: "Select image" and navigate to the RetroPie file. (usually called something like: retropie-4.3-rpi2_rpi3.img) Double-click the RetroPie image.



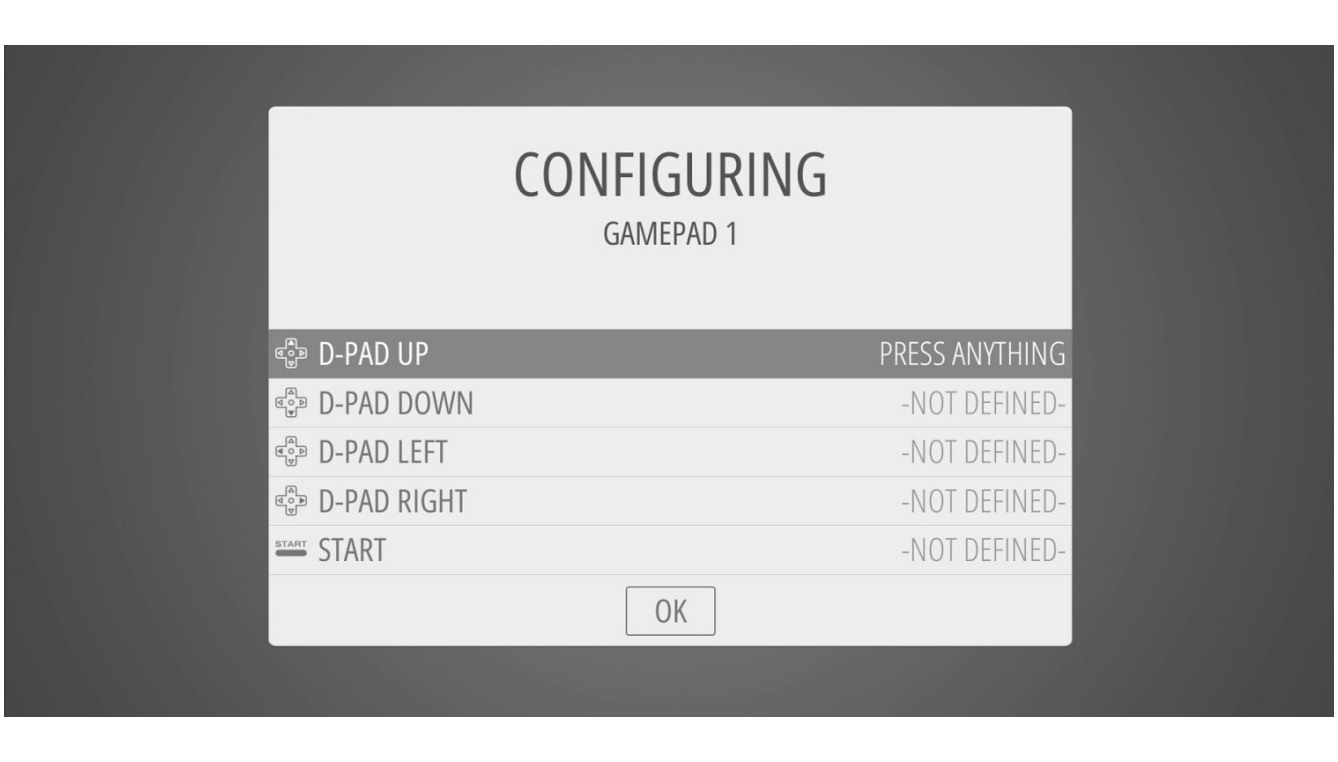
4. Click "Change" on the middle of the screen and then choose your micro SD-card.



5. Click continue and after that click "Flash" (please make sure you choose the correct SD card and your Etcher is done before removing the SD card from your pc).

6. Connect the HDMI cable, USB Keyboard and USB controller(s) to your Raspberry Pi.

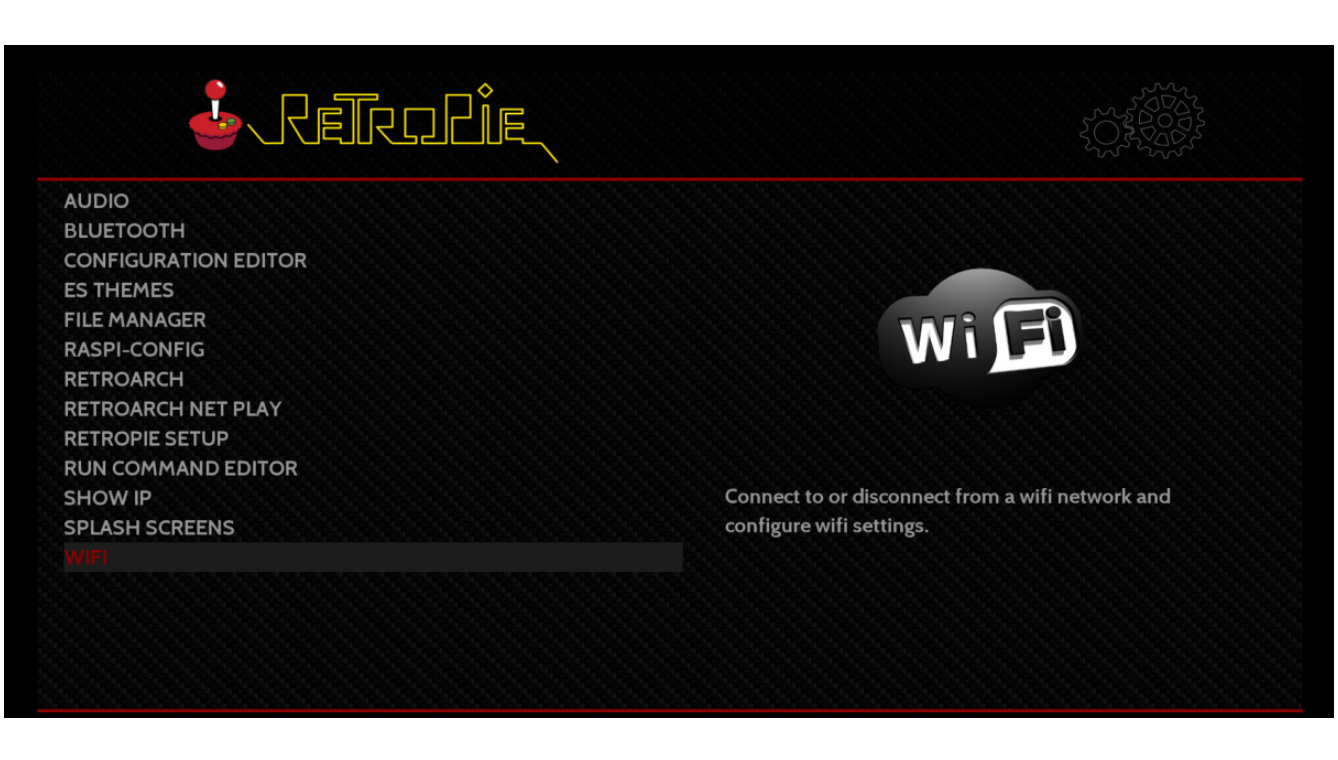
7. Insert your micro sd card into your Raspberry Pi and plug in your micro USB power supply to power up your Raspberry Pi.



8. Configure the controller(s)and press ok after you're finished. If you made a mistake you can reset by unplugging and replugging the micro USB power supply.

RETROPIE
MENU
SELECT
CHOOSE

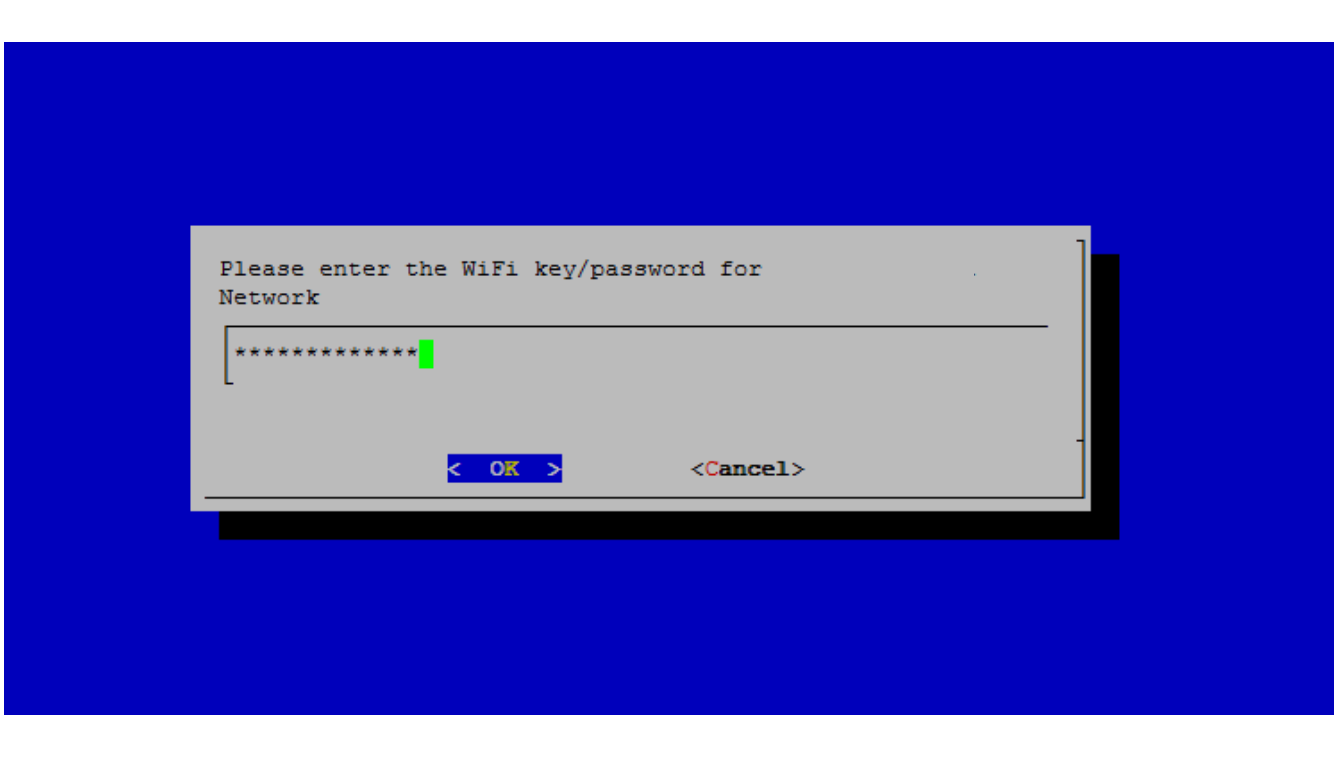
9. Wait until Emulationstation has loaded. RetroPie will start up.



Connect to or disconnect from a wifi network and configure wifi settings.

Skip step 10, 11 and 12 if you've already connected your Raspberry Pi to the internet.

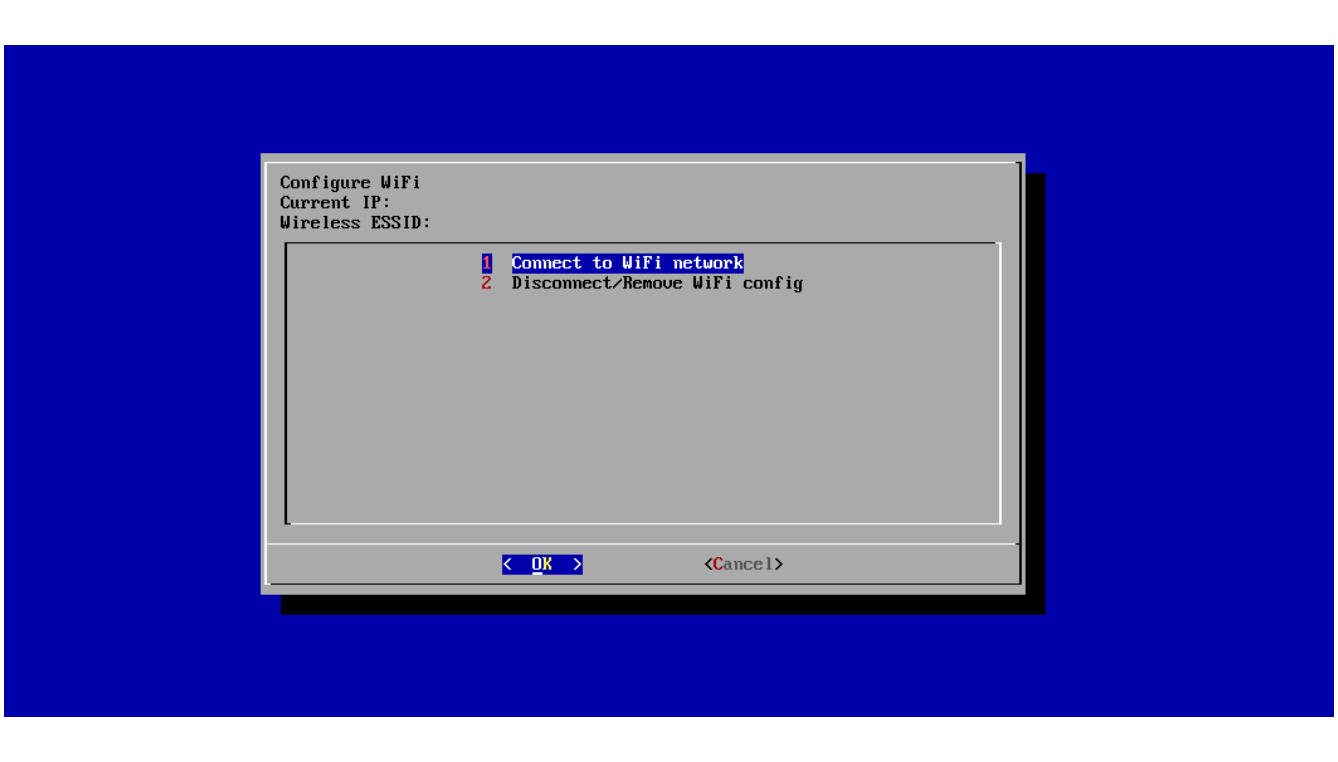
10. Select RetroPie configuration menu: Click "Wifi" then Click: "Connect to your Wifi network".



```
Please enter the WiFi key/password for
Network
*************

< OK >          <Cancel>
```

11. Choose your network and type in your Wifi password with the use of your keyboard. Once you are done press ok.

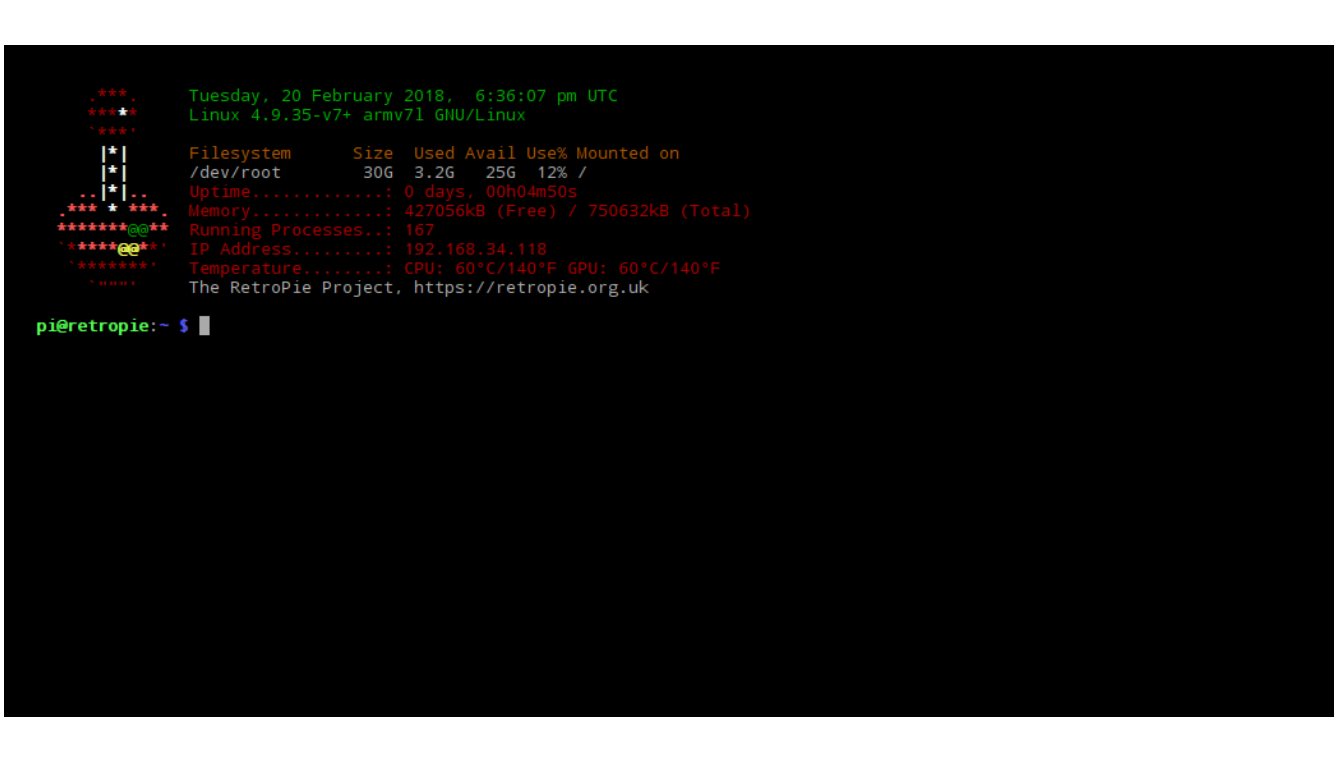


```
Configure WiFi
Current IP:
Wireless ESSID:
        1  Connect to WiFi network
        2  Disconnect/Remove WiFi config

< OK >          <Cancel>
```

12. If Wi-Fi is successfully connected you'll see the name of your network behind Wireless ESSID. Now exit out of the Wifi settings. This will take you back to the RetroPie configuration screen.

*Step 13, 14 and 15 are for the **PCB installment***

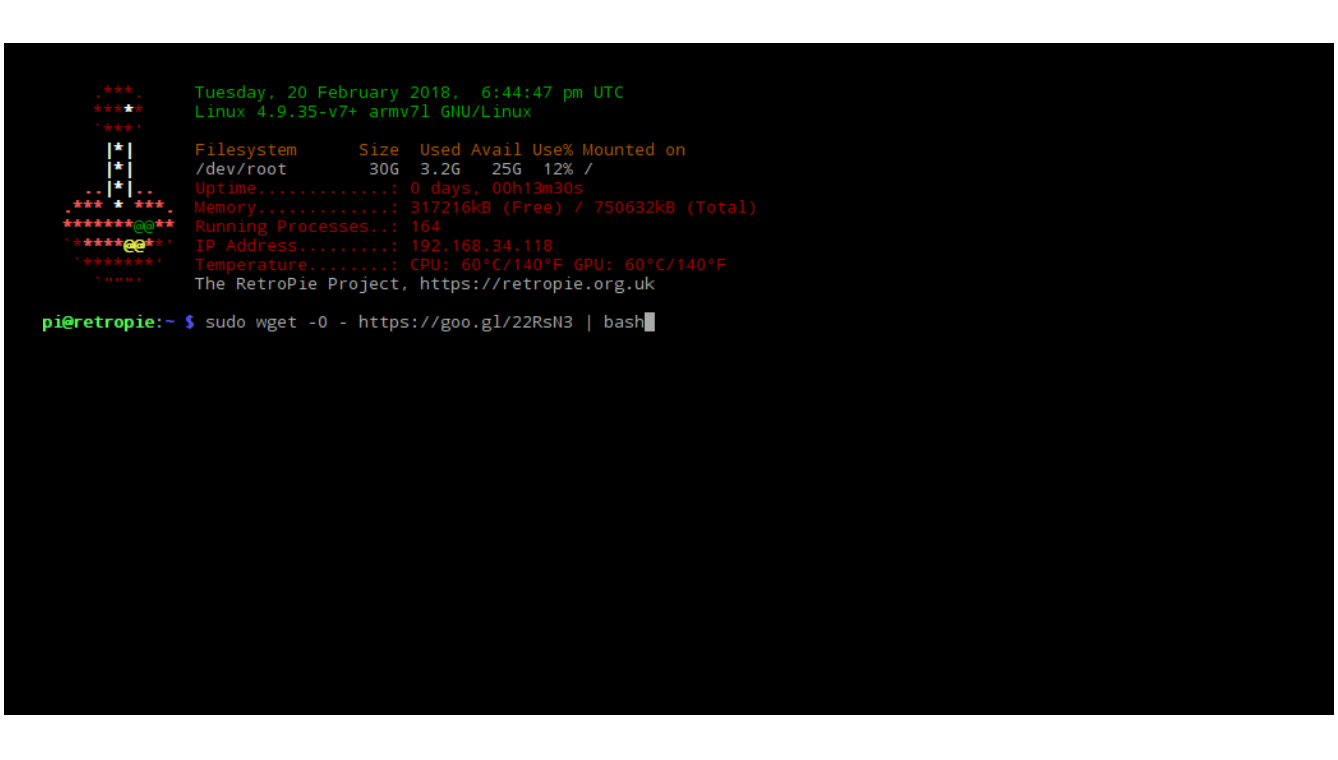


```
Tuesday, 20 February 2018,  6:36:07 pm UTC
Linux 4.9.35-v7+ armv7l GNU/Linux

Filesystem      Size  Used Avail Use% Mounted on
/dev/root        30G  3.2G   25G  12% /
Uptime.............: 0 days, 00h04m50s
Memory.............: 427056kB (Free) / 750632kB (Total)
Running Processes..: 167
IP Address.........: 192.168.34.118
Temperature........: CPU: 60°C/140°F GPU: 60°C/140°F
The RetroPie Project, https://retropie.org.uk

pi@retropie:~ $
```

13. After connecting click "f4" on your keyboard. This will open the so called terminal. Here we can type in commands.



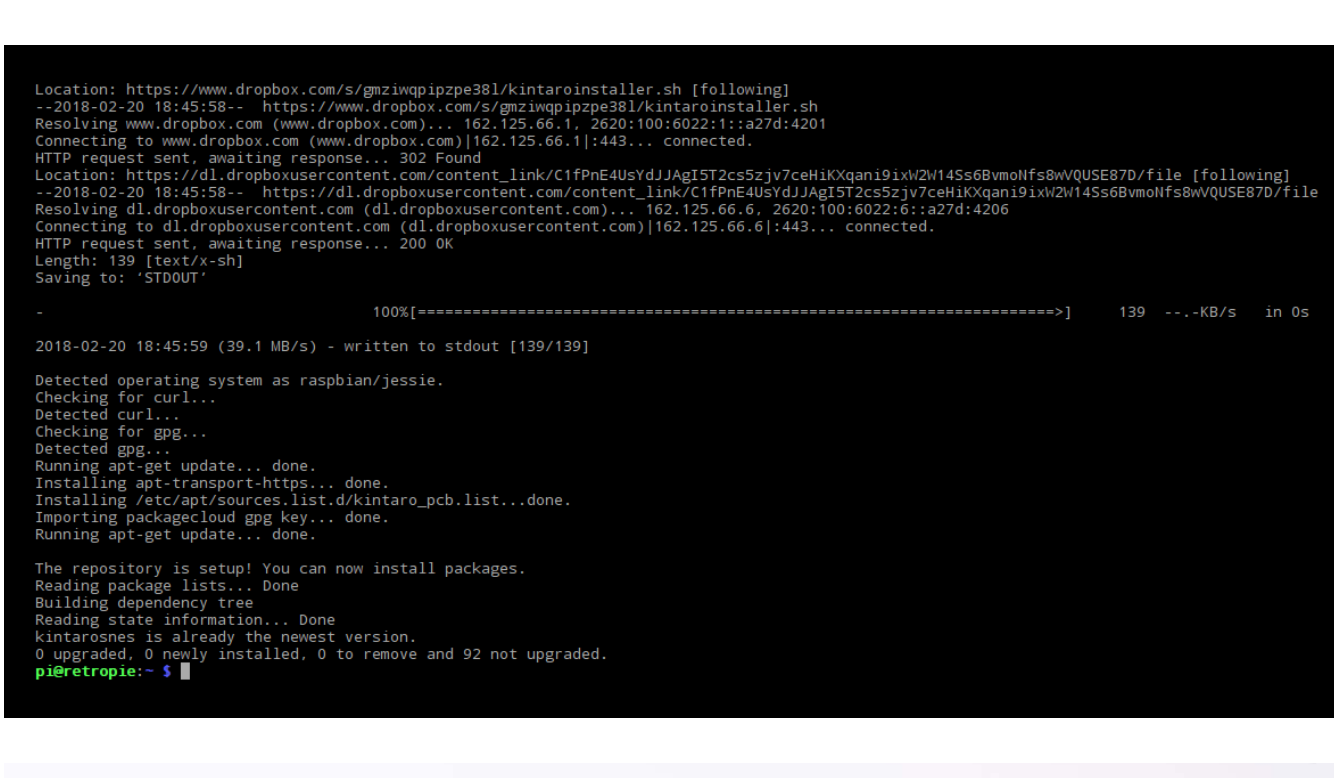
```
Tuesday, 20 February 2018,  6:44:47 pm UTC
Linux 4.9.35-v7+ armv7l GNU/Linux

Filesystem      Size  Used Avail Use% Mounted on
/dev/root        30G  3.2G   25G  12% /
Uptime.............: 0 days, 00h13m30s
Memory.............: 317216kB (Free) / 750632kB (Total)
Running Processes..: 164
IP Address.........: 192.168.34.118
Temperature........: CPU: 60°C/140°F GPU: 60°C/140°F
The RetroPie Project, https://retropie.org.uk

pi@retropie:~ $ sudo wget -O - https://goo.gl/22RsN3 | bash
```

14. Type in the following:
sudo wget -O - https://goo.gl/22RsN3 | bash
*If you can't find the | symbol try the following options
Shift + button immediately right of the Shift button
or ALT + 124 on a numeric keyboard
or ALT + 0166 on a numeric keyboard

Hit enter after typing in the command. This will start the installation of the pcb-driver. The installation can take up to 5 minutes. When the installation is done you will see the pi@retropie:~ $ line on the bottom of the screen next to a blinking cursor



```
Location: https://www.dropbox.com/s/gmziwqpipzpe38l/kintaroinstaller.sh [following]
--2018-02-20 18:45:58--  https://www.dropbox.com/s/gmziwqpipzpe38l/kintaroinstaller.sh
Resolving www.dropbox.com (www.dropbox.com)... 162.125.66.1, 2620:100:6022:1::a27d:4201
Connecting to www.dropbox.com (www.dropbox.com)|162.125.66.1|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://dl.dropboxusercontent.com/content_link/C1fPnE4UsYdJJAgI5T2cs5zjv7ceHiKXqani9ixW2W14Ss6BvmoNfs8wVQUSE87D/file [following]
--2018-02-20 18:45:58--  https://dl.dropboxusercontent.com/content_link/C1fPnE4UsYdJJAgI5T2cs5zjv7ceHiKXqani9ixW2W14Ss6BvmoNfs8wVQUSE87D/file
Resolving dl.dropboxusercontent.com (dl.dropboxusercontent.com)... 162.125.66.6, 2620:100:6022:6::a27d:4206
Connecting to dl.dropboxusercontent.com (dl.dropboxusercontent.com)|162.125.66.6|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 139 [text/x-sh]
Saving to: 'STDOUT'

-                          100%[===================================================================>]     139  --.-KB/s   in 0s

2018-02-20 18:45:59 (39.1 MB/s) - written to stdout [139/139]

Detected operating system as raspbian/jessie.
Checking for curl...
Detected curl...
Checking for gpg...
Detected gpg...
Running apt-get update... done.
Installing apt-transport-https... done.
Installing /etc/apt/sources.list.d/kintaro_pcb.list...done.
Importing packagecloud gpg key... done.
Running apt-get update... done.

The repository is setup! You can now install packages.
Reading package lists... Done
Building dependency tree
Reading state information... Done
kintarosnes is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 92 not upgraded.
pi@retropie:~ $
```

15. Now you need to shutdown your Raspberry pi. You can either type sudo shutdown -h now and then hit enter Or pull the micro usb power plug out of the case and put it back in again.

That's it!
Now your Raspberry Pi will restart. A custom Kintaro splash screen will show and the LED lights up. If you have a fan connectited it will automatically switch on when your Raspberry Pi is over 60 degrees Celsius. It will automatically switch off when your Raspberry Pi is below 55 degrees in Celsius.

Additional features:
You can activate/deactive your cooling fan by holding up the reset button for 1-3 seconds.
You can enable/disable the Kintaro splash screen by holding up the reset button for 5+ seconds

1

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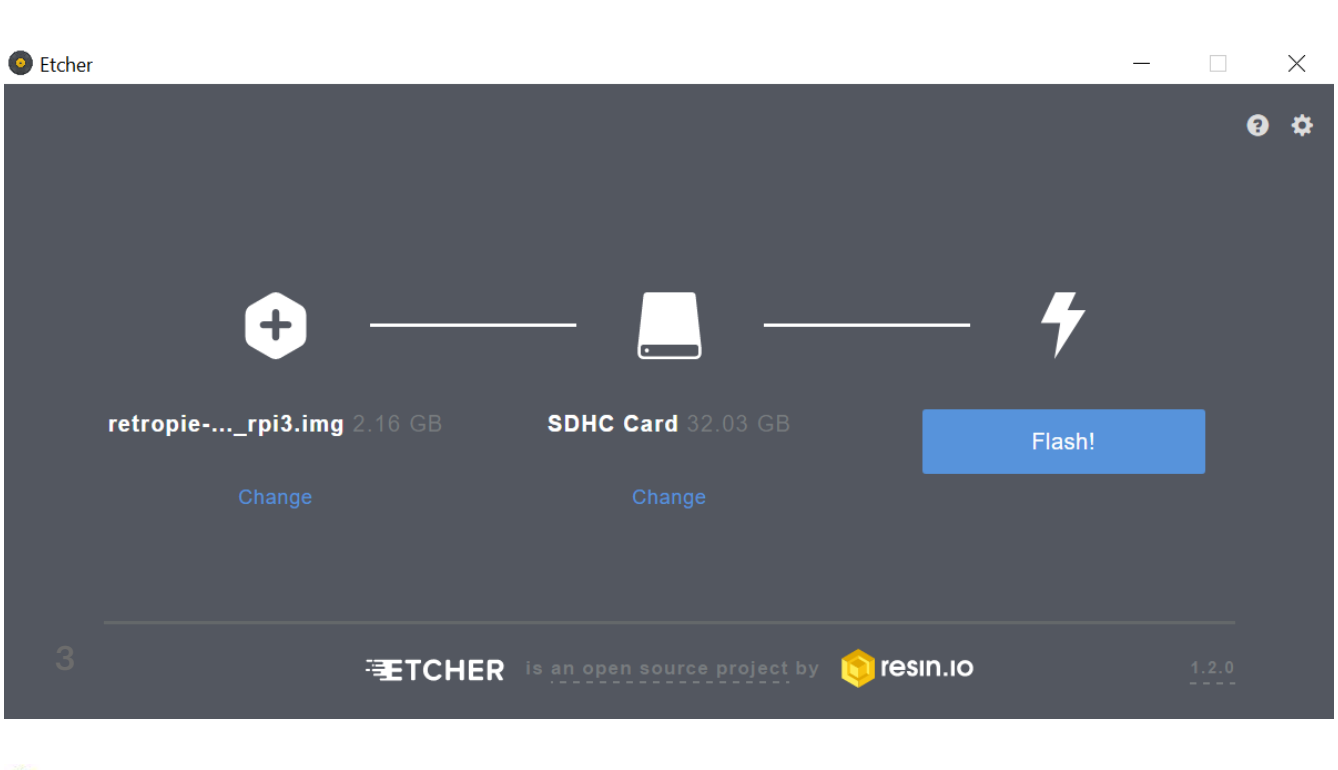

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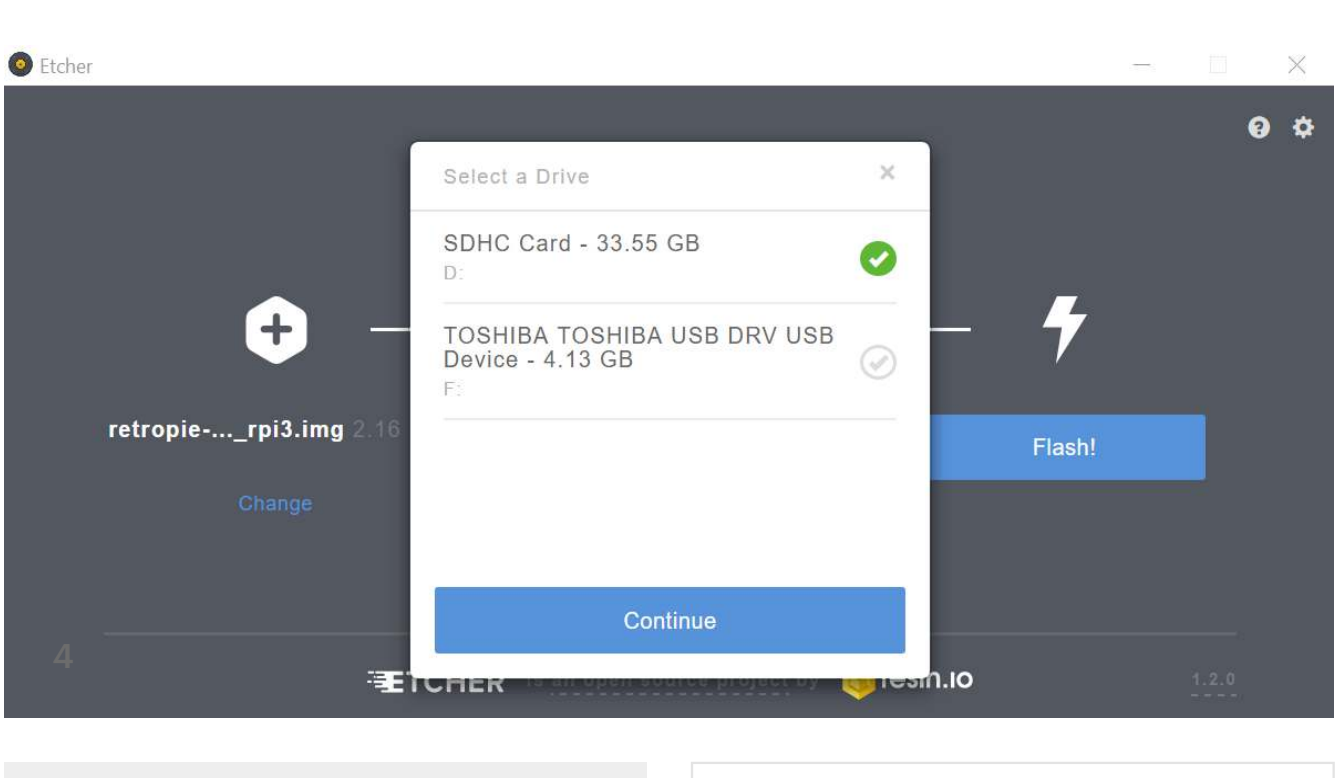

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RecalBox setup

1. Download our custom RecalBox image plus download and install Etcher. All download links can also be found on Kintaro.co

If you want to add working buttons to an existing image, please feel free to contact us

2. Push the micro-sd card into your computer.

3. Open Etcher. Click: "Select image" and navigate to the unzipped custom RecalBox image you have downloaded.

4. Click: "Change" then choose your micro sd-card. After that click "Flash".

5. Connect: HDMI, Keyboard and USB-Controller(s) to your Raspberry Pi.

6. Make sure that the On/Off switch of the Case is in the On position.

7. Push the SD card into your Raspberry Pi then plug in the Micro USB Cable to power up the Raspberry Pi. Recalbox will start.

That's it! From now on your PCB is active. With the power switch you can power it down and start it up. When you push the reset switch the console will restart.

Additional features:
You can activate/deactive your cooling fan by holding up the reset button for 1-3 seconds.
You can enable/disable the Kintaro splash screen by holding up the reset button for 5+ seconds

Transferring ROMs

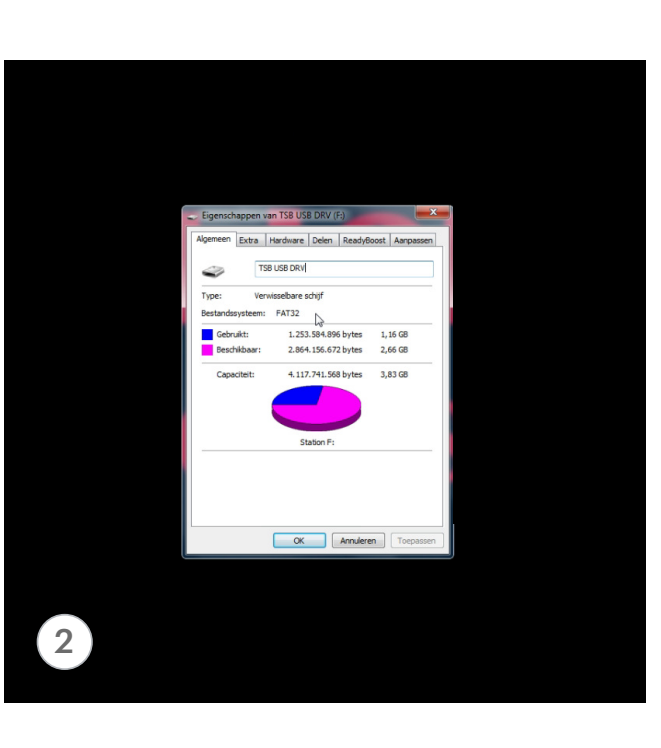
There are multiple ways to transfer your ROMs to your Raspberry Pi.
We're going to show you two methods:
Transferring ROMs via a **USB** stick and transferring ROMs via **SCP**.

USB stick needed:
* USB stick (formatted to FAT32)
* Raspberry Pi (powered on)
* USB keyboard

SCP needed:
* Ethernet cable (wired)
* Raspberry Pi 3 or a Raspberry Pi 2 with a WiFi dongle (wireless)
* USB keyboard

Download (only for SCP method)
- WinSCP (Windows)
- Cyberduck (Mac)

1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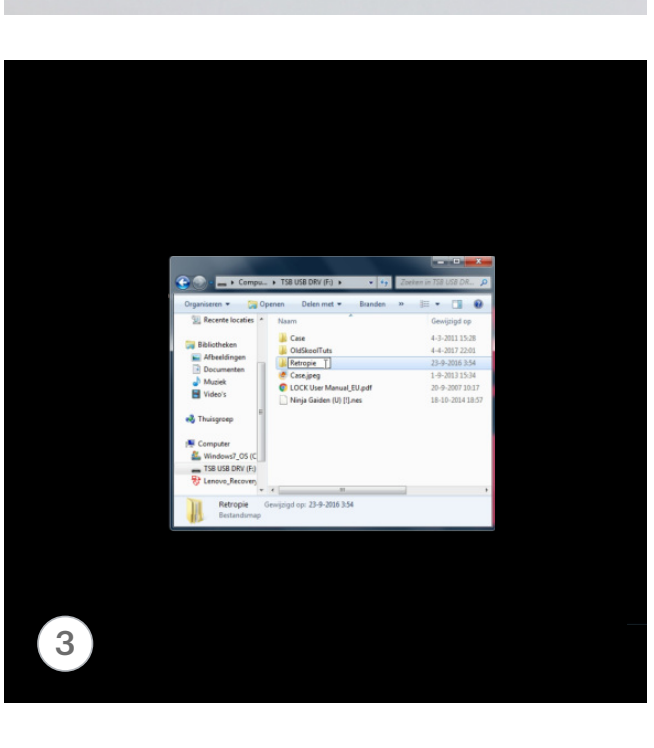
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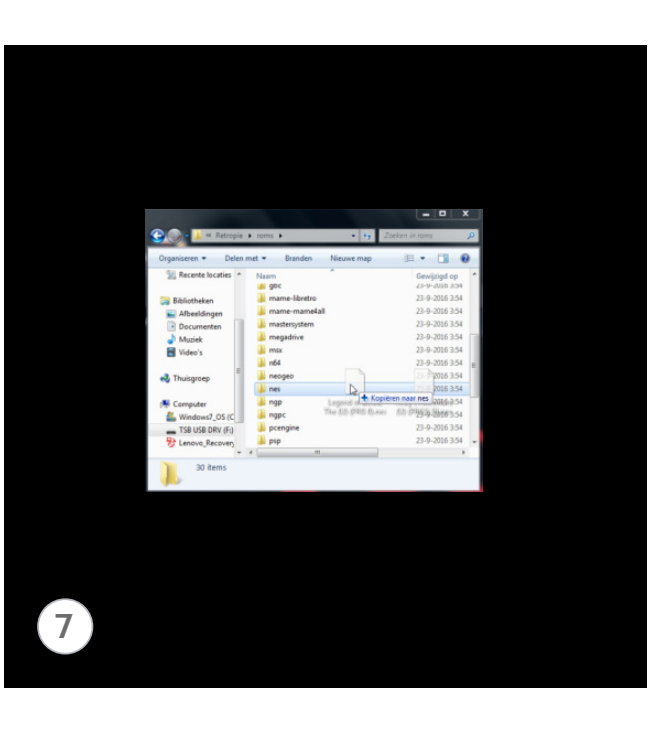
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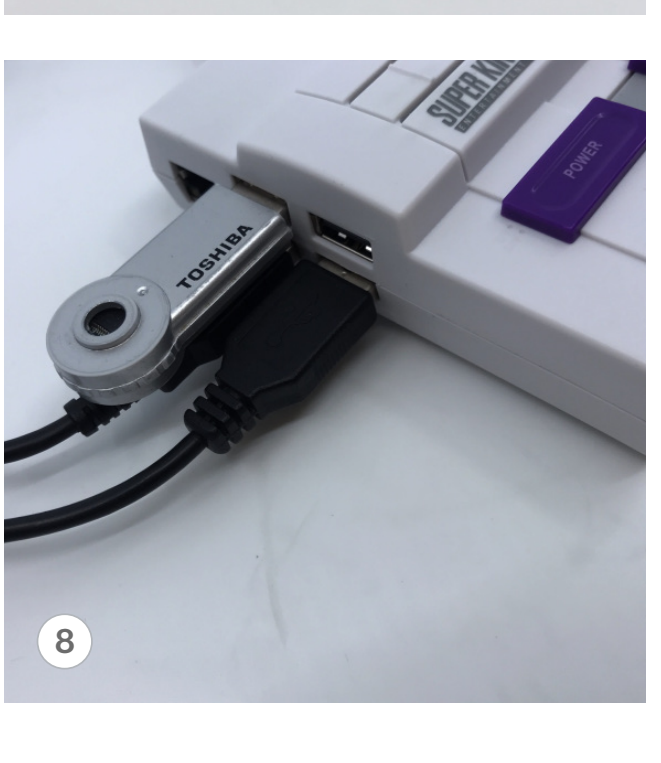
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USB stick method

1. Insert the USB stick in your computer.

2. Make sure that your USB is formatted to FAT32.

3. Create a folder called Retropie on your USB stick.

4. Remove the USB stick from your computer

5. Plug your USB stick in your Raspberry Pi and wait for your USB stick to stop blinking (If your USB doesn't have a light just wait 5 minutes to be sure).

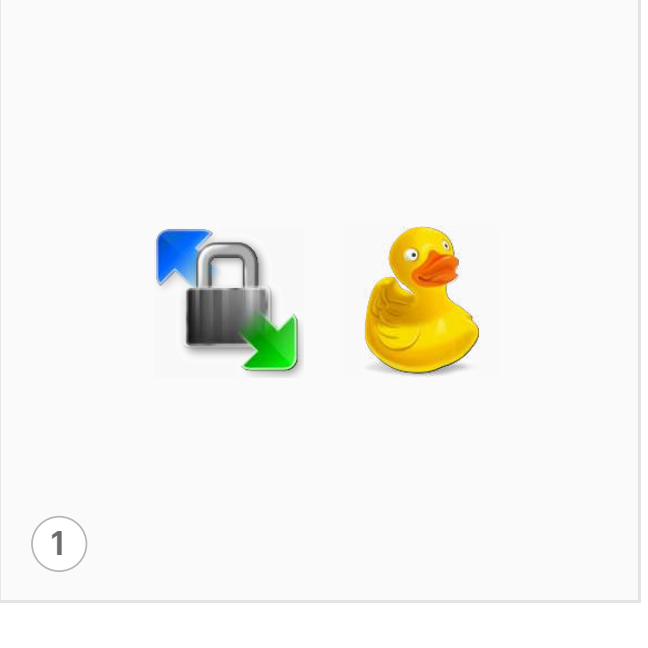
6. Take your USB stick out of your Raspberry Pi and plug it into your computer.

7. Add the ROMs to their respective folders (in the retropie/roms folder on your USB stick)

8. Plug your USB stick back into your Raspberry Pi. Wait for your USB to stop blinking. (If your USB doesn't have a light just wait 10 minutes to be sure)

9. Remove your USB from your Raspberry Pi.

10. Refresh Emulationstation by pressing F4 and typing in Emulationstation or if you use a controller click start - quit - restart system.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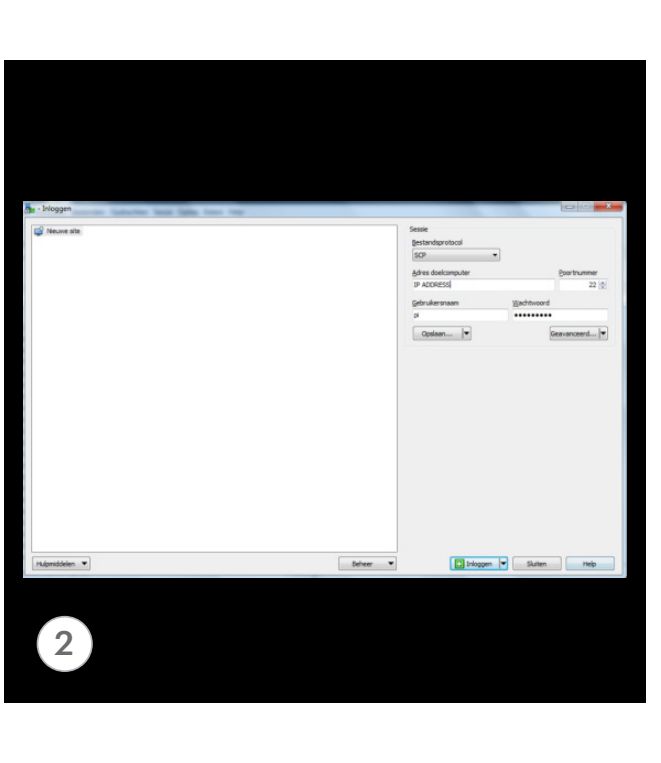
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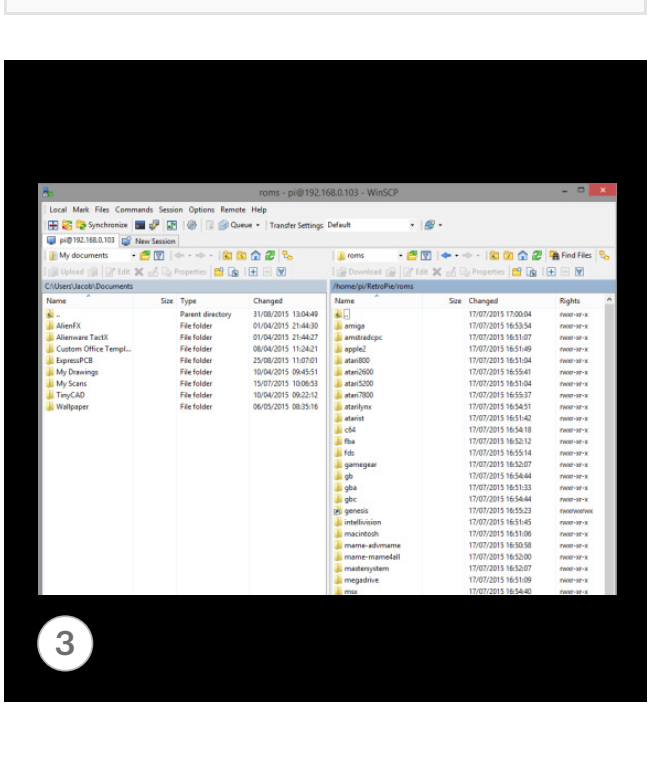
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SCP method

1. Open WinSCP or Cyberduck.

2. Setup the following
- File Protocol: SCP
- Host name: the IP address of your Retropie. (To find the IP address of your RetroPie, go into Retropie options from the main menu, and select the last option [Show IP address])
- Username: pi
- Password: raspberry

3. Drop the files in the ~/RetroPie/roms/$CONSOLE folder, where $CONSOLE is the name of the target console (e.g. snes or arcade)