

Raspberry Pi

What is Raspberry pi?

- It's a credit card size computer. Which you can carry around in a pocket. It's made in U.K. You can buy this device for \$35.

Specification

- 256 mb
- 2 USB Ports
- 1 HDMI output
- 3.5 mm jack for audio
- Runs linux

Tools needed

- need SD card
- A USB key board and a mouse
- T.V/ Monitor
- Micro USB connector (power supply)
- Ethernet Cable (for Internet)

Now you have to put the operating system to the Micro SD card.

For windows only

- Go to www.raspberrypi.org
- Click on download
- Then download Raspbian "wheezy". You can either choose Torrent download or Direct Download.
- After it has been downloaded you can't just cut and paste on you SD card. So you'll be needing "Win32Diskimager" which is located in the download website.
- Extract Debian on your desktop. Go to the folder Debian and you'll see an image file, just drag it to your desktop so it can extract. (so now you have the operating system)
- Open Win32Diskimager archive. Click on the exe. file which is located all the way in the bottom. Your computer will quickly extract it. And it will run the program.
- Now use this program to transfer Debian to your SD card. By browsing the debian file and choosing your Micro SD card. Then click on write and you will have the operating system on your SD card.

After putting Linux in your Micro SD card. Connect Everything, but connect your Power cable at last. Otherwise it won't start.

After your screen is loaded it will ask you to login

Log in : pi

Password: raspberry

You can choose to make an Administrator account by writing "sudo passwd root" and press enter. Type in your password. Root is your username.

Then type in "startx"

After you're done, go to start menu click on log out. Then type "exit", and just pull the power cord out.