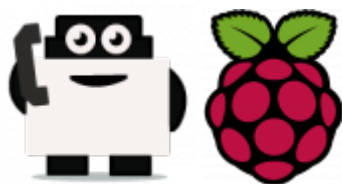


# Installation for Raspberry

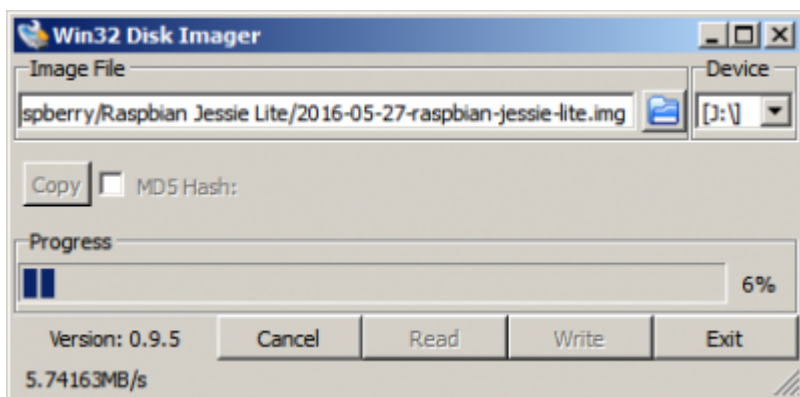


## Hardware requested

- Raspberry Pi 2 Model B (~ \$30)
- Alternative: Raspberry Pi Model B+ (~ \$30, predecessor of the RPI 2 Model B)
- Case for the RPI (~ \$10, if you want the HDD, buy HDD enclosure too for ~\$10)
- Aluminum heatsink set (~ \$5)
- Power supply (~ \$9)
- MicroSD card (~ \$8-\$17, I recommend getting one with at least 16GB of space, and class 10)
- Hard Drive WD PiDrive 314Gb, (~ \$40, if you want to use fast and heavy storage)
- Ethernet cable (~ \$8)
- Alternative: WiFi USB adapter (if you don't want to use a cable)
- Optional GSM gateway if you plan to not use Voip (~ \$200, for a Goip 4 channels)

Global price should be ~ \$200 in standard (without the GSM gateway).

## Install the Raspberry with a MicroSD



### 1. Option with Raspbian version



First download the image disk to flash it in your MicroSD.

Follow those instruction : [Flash Image \(from raspberrypi.org\)](https://www.raspberrypi.org/documentation/hardware/raspberrypi/software/flash_image.md)

Use the "lite" image in order to not install the graphical interface.

Insert the flashed MicroSD and switch on your Raspberry.

The default login access is :

- user : pi
- password : raspberry

If you want to connect your raspberry with Wifi, please follow those steps : [Configure Wifi \(from raspberrypi.org\)](#)

Once you have installed the OS, connect as root and proceed with a standard installation with the package :

Voxibot : [latest Voxibot for raspbian8 packages](#)

It is a runnable script that processes the installation of :

- Apache
- PHP
- Mysql
- Asterisk V11
- FreePBX V12
- Voximal V14
- picoTTS (en,fr,es,it)

## 2. Option with Raspbx version



First download the image disk to flash it in your MicroSD.

Get it from : [Downloads \(from raspberry-asterisk.org\)](#)

Follow those instructions : [Flash Image \(from raspberrypi.org\)](#)

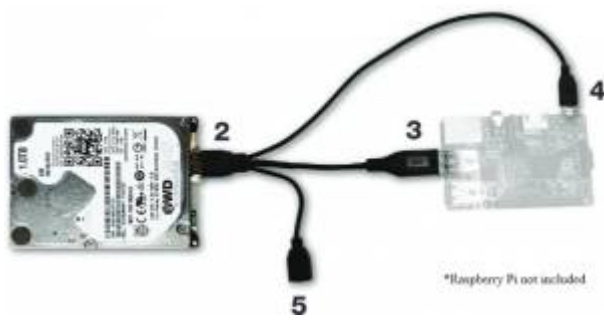
RasPBX already installs Asterisk with FreePBX so you only need to complete your installation with the Voximal package :

Voximal : [latest Voximal for Raspbian package](#)

Connect to SSH (raspbx/raspberry) to complete the installation with the Voximal installer package :

```
[root]# ./voxibot_1.x.xx_2016xxxx_0voximalxxcentos6_all.run  
[root]#
```

## Install the Raspberry with a WD HDD



First step is to install the berryboot installer.

Follow this steps : [Berry boot install \(from WD\)](#)

Install the Debian 8, in text only mode.

From:  
<https://wiki.voximal.com/> - **Voximal documentation**

Permanent link:  
[https://wiki.voximal.com/doku.php?id=installation\\_guide:raspberry:start&rev=1473711896](https://wiki.voximal.com/doku.php?id=installation_guide:raspberry:start&rev=1473711896)

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