Option with Raspbx version

A 4GB card is required. First download the image disk to flash it in your MicroSD.

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

The latest image available for download is based on Raspbian (Debian 8 / Jessie) and includes:

- Asterisk 11.21.0
- FreePBX 13.0.74
- Torrent raspbx-06-03-2016.zip.torrent
- HTTP raspbx-06-03-2016.zip
- SHA-1 38665490e4ca3771ef39623c72019737d979e988

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

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

Get it from : [lastes Voximal for Raspbian package](#)

Connect to SSH (raspbx/raspberry) to complete the installation with the Voximal installer package. The default login acces is :

SSH login:

- user: root
- password: raspberry

Default FreePBX login:

- user: admin
- password: admin

```
Raspbian GNU/Linux8 raspbx tty1

raspbx login : root
Password:

Welcome to RasPBX - Asterisk for Raspberry Pi

RasPBX is based on Debian. The programs included with the Debian GNU/Linux
system are free software; the exact distribution terms for each program are
described in the individual files in /usr/share/doc/*/copyright.

RasPBX comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
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```
applicable law.

List of RasPBX specific commands:
-------------------------------------------------------------------------------
-
raspbx-upgrade       Keep your system up to date with the latest add-ons and
                     security fixes
configure-timezone   Set timezone for both system and PHP
install-fax          Install HylaFAX
add-fax-extension    Add additional fax extension for use with HylaFAX
install-fail2ban     Install Fail2Ban for additional security
install-dongle       Install GSM/3G calling capability with chan_dongle
raspbx-backup        Backup your complete system to an image file

Last login: Sat Mar  5 18:56:10 2016
```

Once your RasPBX has successfully booted, run this command on the console to install the latest additions and improvements:

```
root@raspbx:~# raspbx-upgrade
RasPBX upgrade tool
Run "raspbx-upgrade --help" for additional options
Base version: 06-03-2016
Installed upgrade:       21
Local upgrade available:  21
Online upgrade available: 24
Running apt-get update && apt-get dist-upgrade.

... (lot of logs...)

132 upgraded, 2 newly installed, 0 to remove and 0 not upgraded.
Need to get 164 MB of archives.
After this operation, 10.4 MB of additional disk space will be used.
Do you want to continue? [Y/n] y

... (installing packages...)

Setting up libraspberrypi0 (1.20160620-1) ...
Setting up libraspberrypi-dev (1.20160620-1) ...
Setting up libraspberrypi-doc (1.20160620-1) ...
Setting up libraspberrypi-bin (1.20160620-1) ...
Setting up raspbx-upgrade (1.0-43) ...
Setting up raspi-config (20160527) ...
Installing new version of config file /etc/init.d/raspi-config ...
Processing triggers for initramfs-tools (0.120+deb8u2) ...
Processing triggers for libc-bin (2.19-18+deb8u4) ...
Processing triggers for systemd (215-17+deb8u4) ...
Installing upgrade 22.
-----------------------------------------------------------------------
Fixing Asterisk startup problems in recent 2016 images
-----------------------------------------------------------------------
```

```
Installing upgrade 23.
--------------------------------------------------------------------------
Increasing swap size to 200MB; installing en_US locale
--------------------------------------------------------------------------
Generating locales (this might take a while)...
  en_GB.UTF-8... done
  en_US.UTF-8... done
Generation complete.
Installing upgrade 24.
--------------------------------------------------------------------------
1. Updating GPG keys for FreePBX
2. Enabling Apache2 rewrite module
--------------------------------------------------------------------------
gpg: refreshing 2 keys from hkp://pool.sks-keyservers.net
gpg: requesting key 69D2EAD9 from hkp server pool.sks-keyservers.net
gpg: requesting key B33B4659 from hkp server pool.sks-keyservers.net
gpg: key 69D2EAD9: "FreePBX Mirror 1 (Module Signing - 2014/2015)
<security@freepbx.org>" 2 new signatures
gpg: key B33B4659: "FreePBX Module Signing (This is the master key to sign
FreePBX Modules) <modules@freepbx.org>" 2 new signatures
gpg: Total number processed: 2
gpg:          new signatures: 4
gpg: 3 marginal(s) needed, 1 complete(s) needed, PGP trust model
gpg: depth: 0  valid:   1  signed:   1  trust: 0-, 0q, 0n, 0m, 0f, 1u
gpg: depth: 1  valid:   1  signed:   0  trust: 0-, 0q, 0n, 1m, 0f, 0u
Enabling module rewrite.
To activate the new configuration, you need to run:
  service apache2 restart
Finishing RasPBX upgrades installation, installed version is now: 24
root@raspbx:~#
```

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

[root]#
```