Установка:  
1. Образ  
2. Etcher  
3. Ext2FSD: <http://www.ext2fsd.com/?page_id=16>   
4. Изменить файлы для работы с Wi-Fi  
<http://weworkweplay.com/play/automatically-connect-a-raspberry-pi-to-a-wifi-network/>  
5. Изменить файлы для активации SSH  
<https://www.raspberrypi.org/forums/viewtopic.php?t=169905>  
6. MobaXTerm <https://mobaxterm.mobatek.net/download-home-edition.html>  
7. Change hostname: <https://thepihut.com/blogs/raspberry-pi-tutorials/19668676-renaming-your-raspberry-pi-the-hostname> or sudo raspi-config  
8. Change ssh password: <https://raspberrypi.stackexchange.com/questions/4409/how-do-i-change-recover-my-password> sudo passwd pi

8.1 install git (для лайт версии разбери)

sudo apt-get install git

9. git clone --depth=1 <url> .

10. curl -sL https://deb.nodesource.com/setup\_8.x | sudo -E bash -

sudo apt-get install -y nodejs

11. sudo su

npm i pm2 -g

12. BCM: <https://gist.github.com/annem/3183536>

enable I2c <https://learn.adafruit.com/adafruits-raspberry-pi-lesson-4-gpio-setup/configuring-i2c>

(repeat on every install)

npm install i2c rpio raspi raspi-serial --unsafe-perm --save

12.5 <https://github.com/fg2it/phantomjs-on-raspberry>

wget <https://github.com/fg2it/phantomjs-on-raspberry/releases/download/v2.1.1-wheezy-jessie-armv6/phantomjs_2.1.1_armhf.deb>

dpkg -i phantomjs\_2.1.1\_armhf.deb

apt --fix-broken install (for lite raspian)

dpkg -i phantomjs\_2.1.1\_armhf.deb

13. npm i --production

13.5 apt-get install mongodb

Create bot and get token. Setup config

cp ecosystem.config.default.js ecosystem.config.js

14. pm2 start ecosystem.config.js

pm2 save

pm2 startup