

# Installation of the Pine

( only an example, want you can do )

## 1. Step:

- Unpack
- Insert SIM-card : ( neptuneninja.com )



- Switch to „on“, wait a moment, side wish the clock and key in the PIN of your sim-card
- Set the time zone

## 2. Step:

- Do some settings :
  - Vibrate when ringing: on
  - Touch sounds: out
  - Screen locks: out
  - Vibrate on touch: out
  - Security : screen lock : none ( because I will use Timicon app )
  - Wifi : on

Click on wifi : input of your Wifi Parameters ( Box and Password)

Camera Settings: Picture size : 5 MB  
Quality : fine  
Saturation : level 5  
Contrast : Level 5

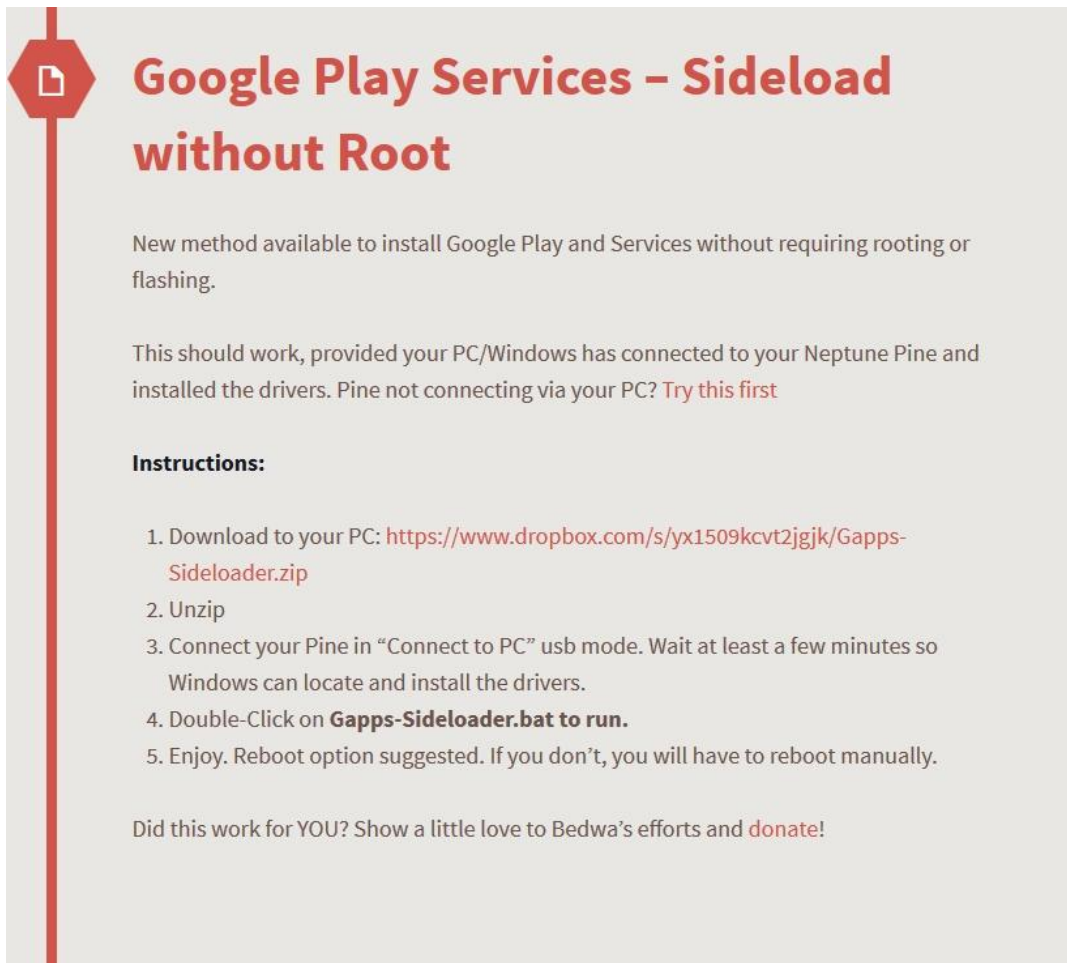
Sharpness: Level 5

Rest of parameter : standard

/\* Remark : I didn't test the camera settings in all parameters, for a quick shot it's ok for me \*/

### 3. Step:

- Installation Google play services/google store: ( see neptuneninja.com )



The screenshot shows a webpage with a red header and a white background. The title is 'Google Play Services - Sideload without Root'. Below the title, there is a paragraph of text, followed by a paragraph of text, and then a section titled 'Instructions:' with a numbered list of five steps. At the bottom of the instructions, there is a line of text asking for a donation.

## Google Play Services - Sideload without Root

New method available to install Google Play and Services without requiring rooting or flashing.

This should work, provided your PC/Windows has connected to your Neptune Pine and installed the drivers. Pine not connecting via your PC? [Try this first](#)

**Instructions:**

1. Download to your PC: <https://www.dropbox.com/s/yx1509kcv2jgjk/Gapps-Sideload.zip>
2. Unzip
3. Connect your Pine in "Connect to PC" usb mode. Wait at least a few minutes so Windows can locate and install the drivers.
4. Double-Click on **Gapps-Sideload.bat** to run.
5. Enjoy. Reboot option suggested. If you don't, you will have to reboot manually.

Did this work for YOU? Show a little love to Bedwa's efforts and [donate!](#)

- Make / take an account for google

REBOOT

### 4. Step:

-Rooting with Kingo root:

Install Kingoroot on your PC

Set the pine to USB connect to PC

Click the usb cable to the PC and wait some time during Windows installs the drivers.

Start Kingoroot at your PC and follow the instructions

Reboot comes automatically

Install Root explorer via Google store (not necessary, but safety first)

#### 5. Step:


- SD Card Mod / Merge ( see NeptuneNinja.com ) to install apps on the 16GB SD card :

**Remark:** I need this feature, because I want to install a navigation software including maps (for offline use) on the pine. This is not possible in the standard configuration ( internal SDcard is too small ). When you do the merge, then your 16/32/64 GB SDcard is switched to the internal SDcard and all installations will be done there.

## FetGuy SDCARD mod / merge - now with Video

Pine user FetGuy has created a solution so you can use all of your 16, 32, or 64GB storage to install apps on. Currently by default Android is not utilizing this storage well! This solution only works on Windows PC's.

Low-res video, in case you're a visual learner:



1. Copy all files from Internal SD (600MB) to SD Storage card. You can do this through computer with Pine plugged in **USB Mass Storage Mode**. Some apps store settings and files on SD, this will ensure that they will continue working after swap. Disconnect Pine from computer.

2. Download and unzip this file: <https://www.dropbox.com/s/pry87z4d3f6vrqy/SDSwapMod.zip?dl=0>

3. Reconnect your Pine to your PC and set it to **Connect to PC mode**.

4. In the file you unzipped, double-click on SDSwap.bat

5. If everything was connected and run successfully, your Pine should reboot and your storage should be merged!

## 6. Step

- Install your mail Accounts ( user, pw,imap, ...) example for outlook.com in Germany, this may be different in other countries:  
Imap server : imap-mail.outlook.com  
Port: 993  
Security: SSL/TLS  
Smtp server: smtp-mail.outlook.com  
Port: 587  
Security: STARTTLS  
Name : xxxxxxxxx

## 7. Step:

- Synchronize your google contacts :  
Settings: Accounts : Google : chose the account and allow Syncr.

## 8. Step:

- Installation of apps : for example :  
Whats app  
Timicon  
Tasker  
Copilot GPS with DACH cards for offline navigation  
3g watchdog  
Titanium backup  
Clever tanken (German search for best price gasoline)  
MX player  
You tube  
QR Code reader  
.....

## 9. Step:

- Ringtone change :  
copy your \*.mp3 tone to the ringtone folder ( set the pine to usb : mass storage, connect it to the PC via usb cable and open the device via explorer ( take the right ( first ) device of the pine which should have 16 GB now as you made the sd swap)  
Disconnect the pine from your PC  
Settings : Sound : ringtone : external ringtone :choose the new ringtone you have copied.

## 10.Step

- Music  
Copy your preferred mp3s to the music folder ( analog to step 9 )

## 11.Step:

- Actualization Google via Google store ( update )  
/\* this was necessary for my pine, because there was an error :  
Google search doesn't run \*/

And have joy .....

**REMARK:** if you do the SD card Mod / Merge you might have the problem when installing widgets that they do not appear on the pine. You can't find them under : app drawer / widgets.

Solution : move the widget into the phone memory after installation! under: settings / apps / manage apps search the app/widget and move....

After this installation I tested another Launcher. Today the Smart Launcher 2 is my preferred one.