Installation Android + Windows 7 (Dual-Boot) on CTFPAD

In this tutorial we step-by-step explain how to install Android and Windows 7 on CTFPAD.

What you need :
a.) Two USB sticks (1x min. 512MB, 1x min. 2-4GB depending on Windows version)
b.) A seperate Windows7-PC where you can prepare the USB sticks for installation
c.) The Android system-image for CTFPAD
d.) A Windows7-Installation-CD/DVD
e.) The program „unetbootin-windows-471"
f.) An USB-keyboard

[d. not needed if you only install Android]

The installation consists of 3 parts :
Part 1 : Preparation of the SSD drive for Android
Part 2 : Installation of Windows 7
Part 3 : Installation of Android

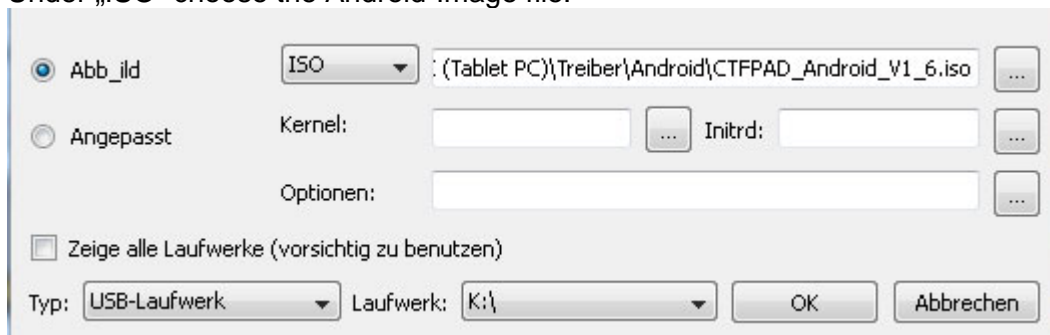If you only want to install Android you only need to read Part 1.
If you only want to install Windows 7 you only need to read Part 2.
If you want to install Android and Windows 7 (Dual-Boot) then you need to read Part 1-3.

Part 1 (Preparation of the SSD drive for Android)

First you need to prepare the SSD drive of CTFPAD. Therefor you need the small USB stick.
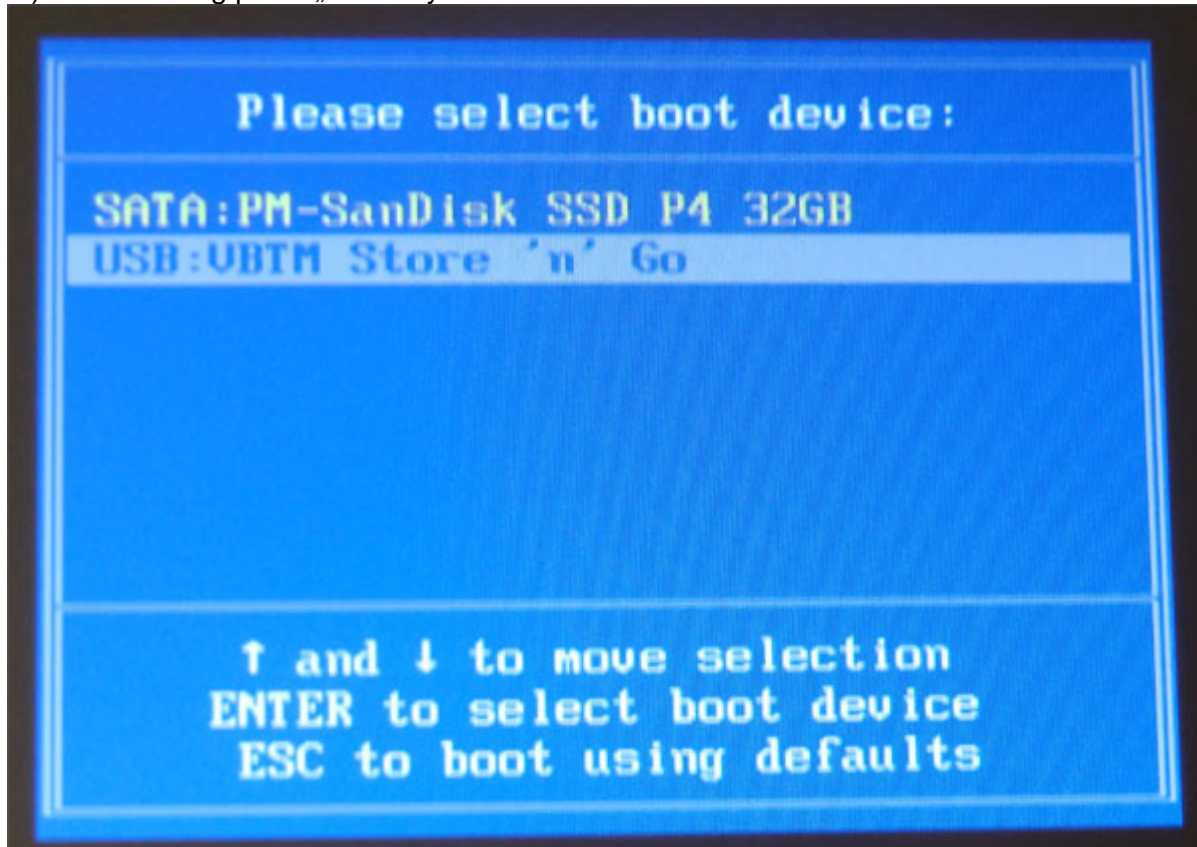The installation menu for Android has an integrated Partition manager.

1.) Start the program „unetbootin-windows-471"
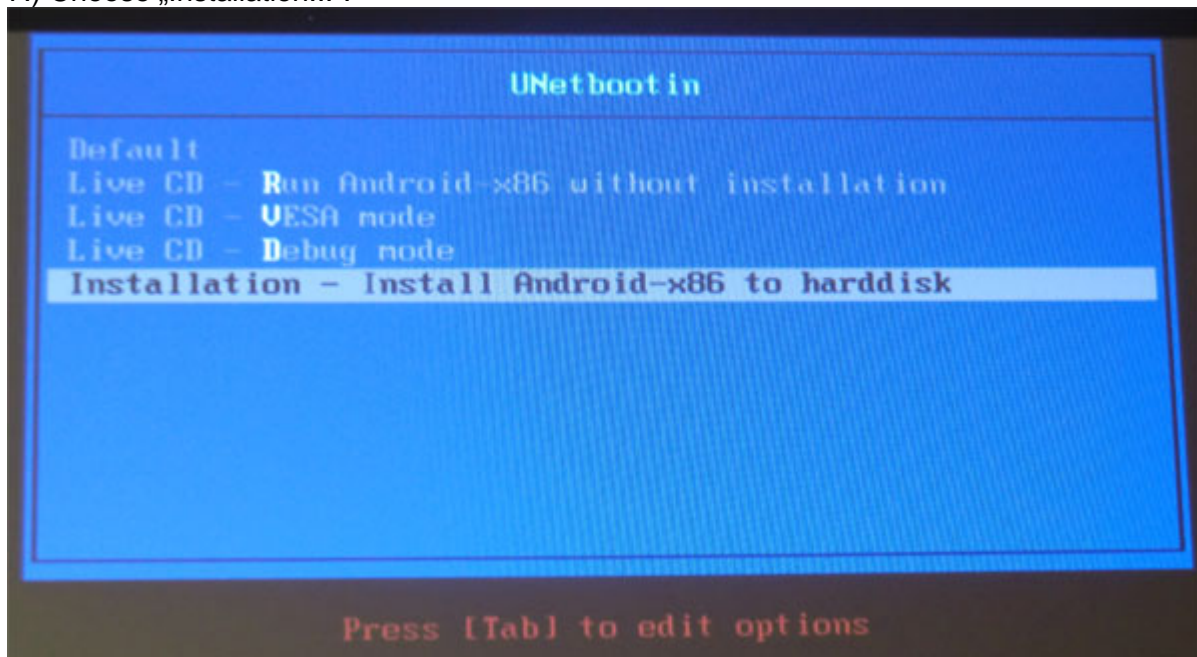2.) Under „ISO" choose the Android-Image file.

3.) Under „drive" choose the USB-stick (min. 512MB) and click on „OK".
4.) After the software has copied the Android Image onto the USB Stick you can remove the stick and insert it into the CTFPAD.
5.) Connect the USB keyboard to the CTFPAD and start it.
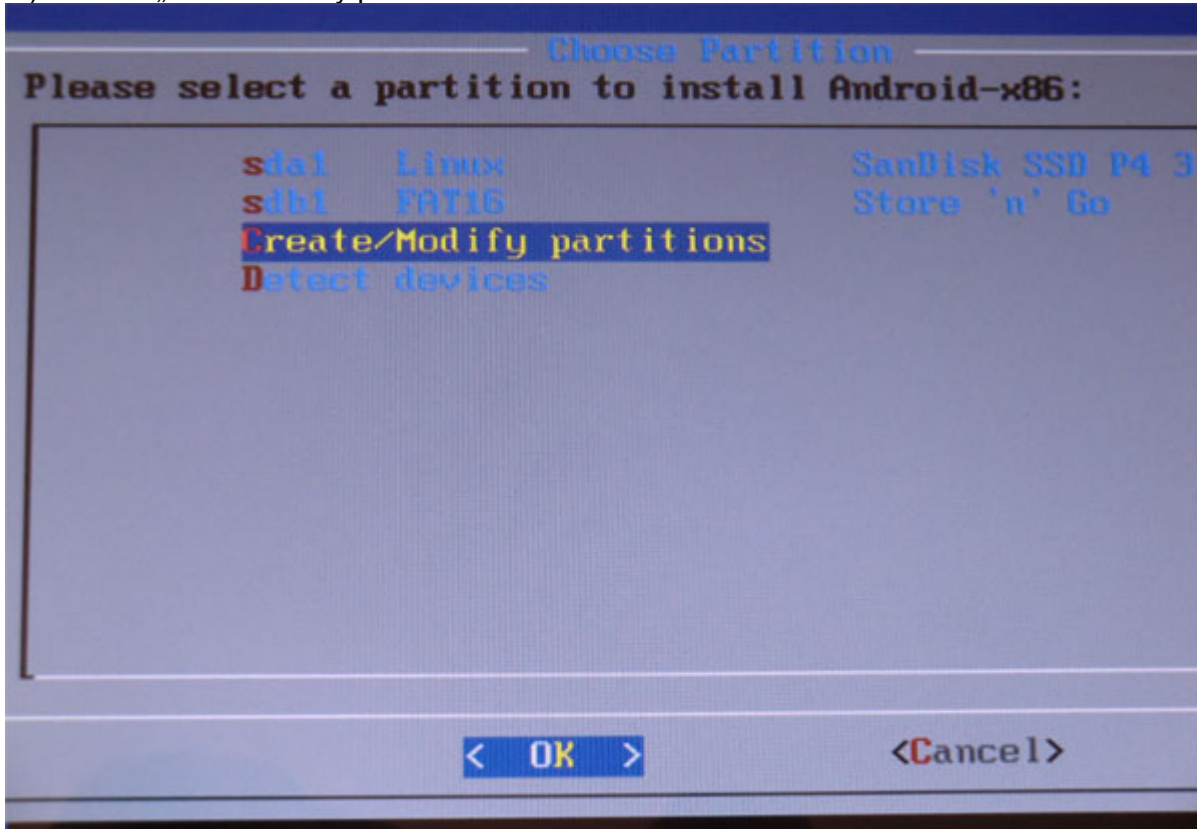
6.) While booting press „F11"-key and choose the USB stick.
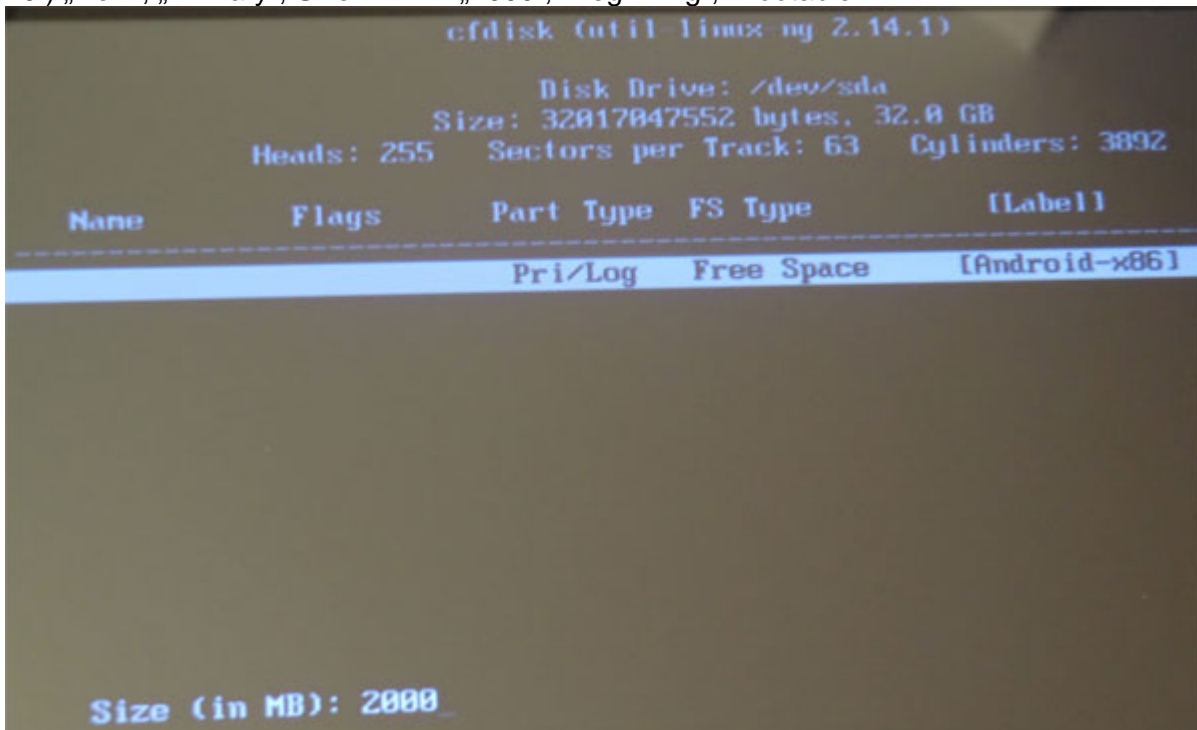

7.) Choose „Installation...".

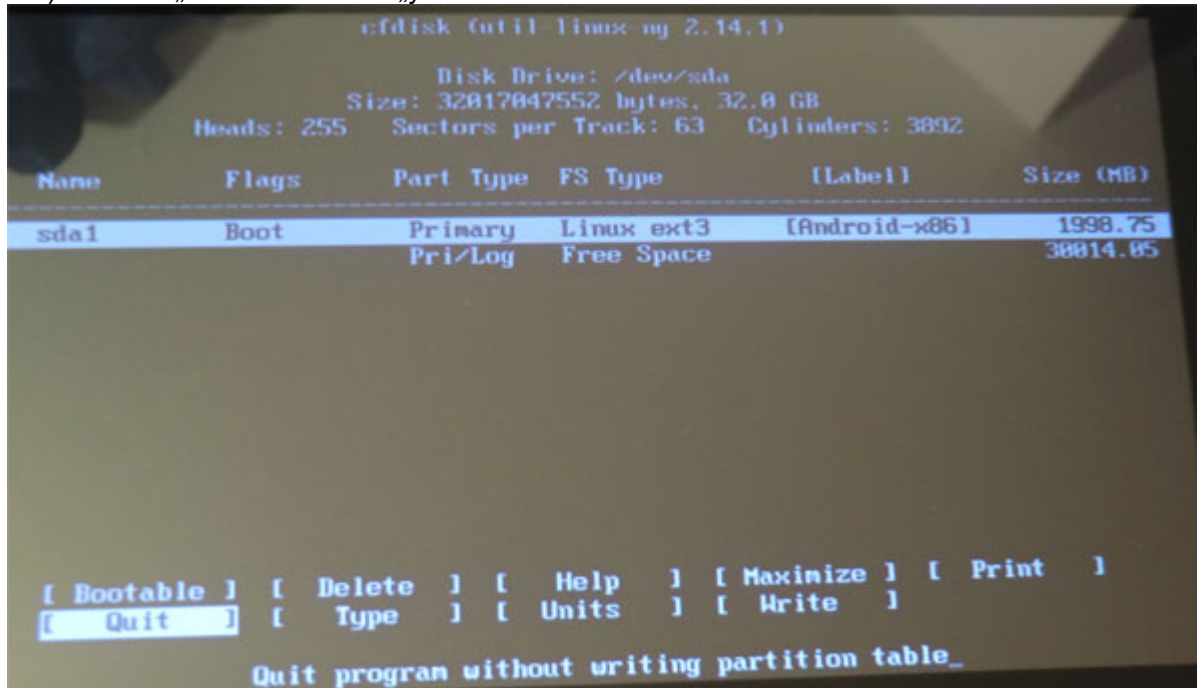8.) Choose „Create/Modify partitions".

9.) Delete (if existing) all existing partitions.
10.) „New", „Primary", Size in MB : „2000", "Beginning", "Bootable"

13.) Choose „Write" and write „yes" for final confirmation.


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              cfdisk (util-linux-ng 2.14.1)

                    Disk Drive: /dev/sda
               Size: 32017047552 bytes, 32.0 GB
        Heads: 255    Sectors per Track: 63    Cylinders: 3892

Name          Flags        Part Type   FS Type        [Label]        Size (MB)
----------------------------------------------------------------------------
 sda1          Boot         Primary     Linux ext3     [Android-x86]    1998.75
                            Pri/Log     Free Space                     30014.05




  [ Bootable ]   [  Delete  ]  [   Help   ]  [ Maximize ]  [  Print  ]
  [   Quit    ]  [   Type   ]  [  Units   ]  [  Write   ]

          Quit program without writing partition table_
```

14.) „Quit"

Now you can, if you do not want to install Windows in addition, proceed with installing Android.
If you want to install Windows, then shut down the PC by keep pressing the power button.

Part (Installation of Windows 7)

Now we prepare the second USB-Stick for the Windows 7 installation.
> Start > Execute „cmd"
„diskpart"
„List Disk"
Now choose the USB stick with „Select Disk x" (x=Number of the USB stick)
„clean"
„creat partition primary"
„active"
„format fs=fat32 quick"
2x "exit"

Now copy the entire content of your Windows7-Installations-DVD onto the USB-Stick.
Unplug it and connect to CTFPAD. Also connect the USB keyboard and start the CTFPAD.
While booting press key „F11" and choose the USB-Stick as boot drive.
The Installation of Windows will begin now.
Note : Choose the empty space (28GB) as installation target !
The PC will reboot once during installation. This is normal. As soon as you have access to the desktop you
can shut down the PC.

Part 3 (Installation of Android)

Now take the smaller USB-Stick again and boot from it by pressing „F11"-key.
Now :„Installation", „sda1 (Linux)", „ext3", „Yes (Format)", „Yes (Grub)", „Reboot".
On reboot you finally have a boot menu where you can choose Android or Windows7 !