

## Installing Android 4.4-r5 on a PC9

### Initial Setup:

- You will need to get yourself a copy of Android 4.4. You can get a copy from <http://www.android-x86.org/download>
- You will need a way to put android onto a USB Flash drive. My preferred method is with rufus which can be found at <https://rufus.akeo.ie/>

### BIOS Setup:

Now that you have your Android flash drive ready you are ready to setup the BIOS on your PC9.

- While your PC9 is booting up keep pressing the delete key to enter the BIOS menu
- Once you're in the BIOS navigate to the "Advanced" tab
- Enter the "Miscellaneous Configurations" menu
- In the "Miscellaneous Configurations" for the "OS Selection" option choose Android then press ESC to go back to the "Advanced" tab
- Now enter the "CSM Configuration" menu and verify that your video is in Legacy mode and your Network is in UEFI mode. After this is done press ESC to go back to the "Advanced" tab
- Then navigate to the "Chipset" tab
- In the "Chipset" tab enter the "South bridge" menu, then enter the "USB Configuration" menu
- In the "USB Configuration" menu verify that "XHCI mode" and "USB2 Link power management" are enabled
- Hit ESC two times and navigate to the "Boot" tab verify that your Android flash drive has the highest priority. It should be the UEFI Boot option if you do not see the UEFI boot option for your flash drive go into "Harddrive BBS Priorities" and set the USB Drive to have the highest priority.
- Navigate to the "Save & Exit" tab and select "Save Changes and Exit"

### Android Setup:

Now that your BIOS is setup properly we will start the Android installation.

- Once you have booted you will be prompted a few options, select the "Android-x86 4.4-r5 Installation" option
- You will then be prompted with the "Choose partition" menu
- Select the "Create/Modify partitions" option
- Select your HDD (Usually sda)
- You will be prompted to use GPT, select "No"
- In the cfdisk utility screen choose "new" then select "primary" then press enter.
- You will be prompted for the size of the partition you want to create, the default will create a partition that spans the whole HDD, after choosing the partition size press enter.
- Select the "Bootable" option, you should now see the "bootable" flag next to your newly created partition

- Select the “Write” option and press enter. You will be asked if you want to overwrite the data, type “yes”
- Select the “Quit” option and you will return to the “Choose partition prompt”
- Select the harddrive labeled “SanDisk SSD i110”
- You will be prompted to choose a filesystem, select FAT32
- You will be prompted to install Grub choose “Yes”
- You will then be prompted to install “EFI Grub2” choose “Yes”
- You will then be prompted to format the boot partition choose “Yes”
- You will then be asked if you want your system to be installed in read/write mode choose “Yes”
- Once the installation is done you will be prompted to pick a disk size, the default is 512MB but feel free to expand this to fit your needs.
- Finally you will be prompted to “Run android” or “Reboot”, choose the “Reboot” option wait until you see the ADDC splash screen and remove the USB Drive.
- Just let your system boot into Android now