

Installing Cyanogenmod on ASUS Transformer TF701t

BV

[2014-12-06 Sat 07:23]

1 Get ADB working

To get ADB working follow the section for the HTC Inspire 4G. In summary:

- Make sure user is in **plugdev**
- Make sure **udev** rule added
- In the tablets Setting->About tap on build number 7 times to turn on dev mode.

For the **udev** rule append:

```
# cat <<EOF >> /etc/udev/rules.d/51-android.rules
SUBSYSTEM=="usb", ATTR{idVendor}=="0b05", MODE="0666", GROUP="plugdev"
EOF
```

The vendor ID is printed by **dmesg**. It seems I had to do the following this time for udev to notice the change:

```
# udevadm control --reload-rules
```

Finally:

```
$ adb devices
List of devices attached
DA0KCY081267    device
```

If it shows "offline" the tablet is waiting for acceptance.

2 Follow Cyanogenmod

http://wiki.cyanogenmod.org/w/Install_CM_for_tf701t

2.1 Unlock

THIS WIPES THE TABLET

Direct download link to ASUS unlock app: http://d1m3cdnet.asus.com/pub/ASUS/EeePAD/TF701T/TF701T_Unlock.rar

```
$ unrar x TF701T_Unlock.rar
$ adb install TF701T_Unlock/0820-0954_SIGNED_UnLock_for_TF701_repart.apk
6500 KB/s (759132 bytes in 0.114s)
    pkg: /data/local/tmp/0820-0954_SIGNED_UnLock_for_TF701_repart.apk
Success
```

Run the unlocker app. Since I'm using two factor Google auth I had to go into the Google security settings and make an app-specific password. Tablet reboots and says "unlocked". Then loads to a "Welcome" page and initial setup process. Uncheck all sync options since we are just going to wipe this again.

Have to repeat the 7-tap to turn on developer mode and st USB debugging.

2.2 Recovery

Link from CM page:

```
$ wget http://droidbasement.com/asus/tf701t/recovery/recovery.img
$ md5sum recovery.img
9acb1acc88588665a8a5a833f86964f8  recovery.img
$ adb devices  # (check)
$ adb reboot bootloader
$ fastboot devices
15C3E10090400000016FD8440 fastboot
$ fastboot -i 0xb05 flash recovery recovery.img
target reported max download size of 643825664 bytes
sending 'recovery' (6644 KB)...
OKAY [ 0.901s]
writing 'recovery'...
OKAY [ 0.199s]
```

```
finished. total time: 1.101s
$ fastboot reboot
rebooting...
```

```
finished. total time: 30.223s
```

This still leaves me at "RCK/Android/Wipe" boot page. Select RCK and this boots to recovery.

2.3 Install CM

Download `f78cd49d0ec50632eaef5f2a961b232c`.

```
$ wget http://download.cyanogenmod.org/get/jenkins/93585/cm-11-20141206-NIGHTLY-tf701t
$ md5sum cm-11-20141206-NIGHTLY-tf701t.zip
f78cd49d0ec50632eaef5f2a961b232c  cm-11-20141206-NIGHTLY-tf701t.zip
```

In Recovery,

- do a backup just for fun, the tablet is generic stock at this point
- wipe data/factory reset
- install zip via sideload method

```
$ adb sideload cm-11-20141206-NIGHTLY-tf701t.zip
sending: 'sideload' 100%
```

Wait to get control of the Recovery menu back and "reboot system now".
Woot! Another Cyanogenmod device is born.

2.4 Google apps

Download `gapps-kk-20140606-signed.zip` `md5sum d840e20fba6f0e2b85d1aebe493a88fa` from torrent linked on CM wiki.

```
$ adb push gapps-kk-20140606-signed.zip /sdcard/
5692 KB/s (157694716 bytes in 27.051s)
$ adb reboot recovery
```

Navigate to `install zip`, zip is in `/sdcard/0/`.
Reboot back into Android.