

Android TV from Android stock ROM

This guide is made for the GMMZ Stream V3.1 android box running Android 7. This is a work in progress, and I have not yet successfully created a fully functional Android TV box with Android TV OS.

1. Replace the product identifier in `/system/build.pro`.
 - Tx6 build.pro:

```
ro.product.model=GMM Z STREAM V.3
ro.product.brand=MXQ
ro.product.name=g9x
ro.product.device=g9x
```

- Xiaomi Mi Box S build.pro:

```
ro.product.model=MIBOX4
ro.product.brand=Xiaomi
ro.product.name=oneday
ro.product.device=oneday
```

- Copy `tv_core_hardware.xml` and `tv_features.xml` to `/system/etc/permissions`

Conversion from Stock Android to Android TV

1. Install *SSHHelper* from Play Store
2. Install *ES File Explorer* from Play Store
3. Install *System App Remover (root needed)* from Play Store
4. Install *Show Full Screen* from Play Store
5. Install *Fulscrn Free* from Play Store
6. Remount `/` (root) or `/system` to `rw` file system:

```
# mount -o rw,remount /system
```

7. Backup `com.android.vending` and `com.google.android.gms` from `/data/app`
8. `cp build.prop`
9. `cp tv*.xml`
10. Uninstall *Google Play services Updates*
 - Go to *Manage Device Administrators* when trying to uninstall, and click *Deactivate this device administrator* for each listed device
 - Then uninstall updates
11. Uninstall *Google Play store Updates*

Uninstall Google Play Services from Android TV

Check first whether you need the following steps.

- Start *System App Remover*
- Find Google Play Services in User Apps
- Uninstall

Links

- [Conversion from Stock Android to Android TV](#)
- [How to Install Stock Firmware on Tanix TX6 TV Box \[Android 9.0 Pie\]](#)
- [Android Debug Bridge \(adb\)](#)
- [Smart TV How to Uninstall Google Play Services - 2018](#)
- [Amlogic proprietary code to be removed from Kodi/LibreELEC](#)
- [Force Plex into Android TV mode](#)
- [How to build your own custom Android ROM](#)
- [Read only file system on Android](#)
- [Android TV Launcher](#)
- [FIRMWARE: TANIX TX6 with Allwinner H6 and Android 9 \(03-23-2019\)](#)
- [FIRMWARE: TANIX TX6 with Allwinner H6 and Android 9 \(06-15-2019\)](#)
- [Tanix TX3 USB Firmware Recovery TX3 How To Fix](#)
- [Xiaomi MiBox S MDZ22AB Build.prop file for inspection](#)
- [atvXperience](#)
- [FIRMWARE: Transpeed 6K with Allwinner H6 SoC \(09-30-2019\)](#)
- [FIRMWARE: Pendoo X6 Pro with Allwinner H6 SoC \(08-19-2019\)](#)
- ["Android TV" App Mods *Leanback and FireOS Remote friendly apps modified to work on regular android*](#)
- [Get started with TV apps](#)
- <http://valecast.com/2016/09/10/how-to-get-the-ultimate-android-tv-experience-on-android-chinese-tv-box-r-box-pro-3g/>
- [Best Mi Box S Apps Every User Should Know](#)

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