Firmware upgrade on Tanix Tx6 (Android 9)

The firmware upgrade is tricky on a Tanix Tx6 box. You need to follow the guide exactly to make it work.

1. Download PhoenixSuit Firmware flash tool for Allwinner CPUs. Select the latest version and find the *START NOW* link. Install it on your PC.
2. Find a suitable firmware file.
    - My preferred ROM is the Tanix TX6 - SCV1 Custom Rom (Normal Android 7.0).
    - The stock ROM links which are made available from Tanix did not work for me.
    - Working stock ROM images are available at GetDroidTips. Ignore the installation instructions on GetDroidTips.
3. Download and unpack the firmware img file, and start PhoenixSuit.
4. Prepare a microSD card (to push the rest button), a USB-A male to USB-A male cable, and the Tx6 box with HDMI connection to a screen.
5. Load the firmware image into PhoenixSuit under Firmware tab. You must do this before connecting the box to the PC.
6. Push the reset button behind the grill next to the microSD card slot. This is best done with a microSD card, it's much more stable than doing it with a paper clip. Do not insert the card into the microSD slot. Note that there is another reset button at the back side of the box, next to the USB ports. Do not use that button.
7. While pushing the reset button, connect the USB cable from the PC to the lower USB port of the box on the back side. If the USB port of your PC provides power you don't need to connect the power supply.
8. The upgrade process will start automatically, you don't need to click anything on PhoenixSuit. Wait until the process is finished.
9. Wait for the box to reboot. The first reboot takes much longer, as all settings need to be initialized.
10. If you installed a OTA ROM, run "UPDATE" from the App screen, this will update to the next version. As updates are incremental, you need to do this several times until "Now Is The Latest Version" is displayed.

Links

- How to Install Stock Firmware on Tanix TX6 TV Box [Android 9.0 Pie]

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