



Android Marshmallow OS Update Instructions for ET55 GMS

Installation Requirements

ADB installed on the PC (including adb drivers)

USB debugging turned ON (from Developer options) ET55 GMS has at least: Version 03-21-20-MG-0R-M1-U00-STD build

Installation Instructions

BEFORE UPDATING THE OS IMAGE, EXTERNAL POWER MUST BE APPLIED TO THE TERMINAL VIA USB CHARGING CABLE OR CRADLE.

PLEASE ENSURE BATTERY LEVEL IS > 30%

- 1) If the device has 03-21-20-MG-0R-M1-U00-STD build

To see what GMS build version is currently on the device, go to “Settings” and scroll down to “About tablet” scroll down to “Build Fingerprint”

If it shows 03-21-20-MG-0R-M1-U00-STD the device has base build

AND

To see what GMS patch version is currently on the device, go to “Settings” and scroll down to “About tablet” Then select “**SW Components**” Scroll down to Device Patch Version:

If “Device Patch Version: 0 “the device has base build, if it shows 1 it has UPDATE 01 installed, if it shows 2 it has UPDATE 02 installed. If it shows 3 then it has updated CFE3 If it shows 4 then it has updated to CFE4.

- 2) If the device is having AUO display the device cannot be downgraded to the older OS RevA(v01-08-20)/RevB(v02.14.30)/RevC(v03.21.20 base build) or to the L OS

To find the display type please run the below command in ADB shell
“getprop ro.boot.spid”.

If the line [ro.boot.spid]: [0000:0000:000a:0007:000a:**0005**] is present then the device is having the AUO 8” display.

Or,

From Settings->About tablet->SW Components->Touch Config ->f1.**0b**.01.01.00.00
Display type is checked from second parameter **0b**, means device is having AUO 8” display.

Software update procedure for ET55:

1. For applying the patch, please refer [Zebra ET5x Android Flashing Procedure.pdf](#)

2. There are two ways to Check the Android Patch Level after installing the update package in the device,
 - a. Settings->About tablet-> SW Components->Device Patch Version: 7
 - b. Run “getprop ro.device.patch.version” command in ADB Shell.
3. After installing the CFE-ET55-M-XX-032120-G-00-07.zip on the device, the OS build number would be 03-21-20.00-MG-U07-STD.
4. Now you are all set to use your ET55.

IMPORTANT NOTE:

Procedure to update ET5x Android M using the recovery image (ET55_FP01_MG_032120.zip) & CFE-ET55-M-XX-032120-G-00-07.zip using the UPL method.

1. This procedure uses Multi-Package update (UPL) mechanism.
2. All packages/files should be present in same folder path. **Note: external sdcard, files should be placed in root folder.**
3. .upl file is the input for this process, which will have the list of packages to be installed.
4. In the upl file the list of package names should start with “package:”

Sample upl file contents for ET5x M to flash to any LG patch based on OS 03.21.20:

```
package: ET55_FP01_MG_032120.zip
package: ROLLBACK_TO_ET55_G_03.21.20.zip
package: CFE-ET55-M-XX-032120-G-00-07.zip
```

Where

- i. ET55_FP01_MG_032120.zip – ET50-M GMS/Non-GMS recovery update package.
- ii. ROLLBACK_TO_ET55_G_03.21.20.zip – The patch to rollback to OS 03.21.20.
- iii. CFE-ET55-M-XX-032120-G-00-07.zip – The LifeGuard patch 07 created on top of OS 03.21.20.