Release Notes - Zebra ET50 Android M –Update 01 Release for WLAN NONGMS

Contents

Description

This release contains the following software package which is compatible with the ET50 Non-GMS product.

Component Description and versions

Build Number	03-21-20.00-MN-U01-STD
Android_version	6.0.1 (32-bit)
Android_SDK_Level	23
Android Security Patch Level	August 5, 2018
Linux_kernel	3.14.55 (64-bit)
OSX	INTL.60.6.6.4

Wifi	FUSION_BA_3_10.0.2.011_M
TXE FW	1.2.1.1153
BIOS version	5.04.42.0052-A-Z-016
UPLMC FW version	UPLMC_0065_08
Bluetooth stack	4.1
NFC	8.1.24
Scanning_Framework	19.7.26.0
Datawedge	6.8.54
DWDemo	2.0.13
MXMF	8.0.3.0
Touch	2.2.AA
Scanner Firmware	PAABLC44-001-R01
RxLogger	4.61.0.0
RD Client	1.01.03
StageNow	3.0.1.1038
SOTI	13.3.0. Build 1059
EMDK	6.9.16.1216
B2M_Elemez	1.0.0.347
Data_Analytics	1.0.2.1859
File Browser	1.19.1.0
Enterprise Keyboard Manager ("added as a system application")	1.8.0.3
AppGallery	3.0.1.7

1. Update 01 Changes:

- Updated below mentioned components:
  - Support for 8" Display panel (G080UAN01.0).

- SPR35567 - Resolved an issue where ET5x was facing Wi-Fi network drops while Bluetooth was in use.

Device Compatibility

This software release has been approved for Android ET50 M NON-GMS models mentioned below.

Device	Operating System
ET50PE-L15E-00A6	Android 5.1.1, Android 6.0.1
ET50PE-L15E-00US	Android 5.1.1, Android 6.0.1
ET50PT-L15E-00A6	Android 5.1.1, Android 6.0.1
ET50PT-L15E-00US	Android 5.1.1, Android 6.0.1

Component Contents/Updates

Component / Description	Version
Product Build Number	03-21-20.00-MN-U01-STD
Device Patch Version	1
BIOS version	5.04.42.0052-A-Z-016
Android Version	6.0.1
Wi-Fi	FUSION_BA_3_10.0.2.011_M
BT Firmware	BCM4354_003.001.012.0404.1391

Installation Requirements

ADB installed on the PC (including adb drivers)
USB debugging turned ON (from Developer options) ET50 NON-GMS has
at least: Version 03-21-20-M-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%

UPDATE 01 HAS BEEN RELEASED IN THIS POSTING.

Update 01:

- ET50_P01_MN_032120.zip (NON-GMS)

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

To see what NON-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-M-0R-U00-STD the device has base build

AND

To see what NON-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.

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 above 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 ET50:

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 01 package in the device,

   a. Settings->About tablet-> SW Components->Device Patch Version: 1

   b. Run "getprop ro.device.patch.version" command in ADB Shell.

3. After installing the ET50_P01_MN_032120.zip on the device, the OS build number would be 03-21-20.00-MN-U01-STD

4. The Full OS Software Update Recovery package can also be flashed to install Update 01(ET50_FP01_MN_032120.zip)

5. Now you are all set to use your ET50.

IMPORTANT NOTE:

Procedure to update ET5x Android M using the recovery image (ET50_FP01_MN_032120.zip) & future LifeGuard patch 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: ET50_FP01_MN_032120.zip
package: ROLLBACK_TO_ET50_NG_03.21.20.zip
package: CFE-ET50-M-XX-032120-N-00-XX.zip
```

Where
  i.   **ET50_FP01_MN_032120.zip** – ET50-M GMS/Non-GMS recovery update package.
  ii. **ROLLBACK_TO_ET50_NG_03.21.20.zip**– The patch to rollback to OS 03.21.20.
  iii. **CFE-ET50-M-XX-032120-N-00-XX.zip** – The LifeGuard patch created on top of OS 03.21.20.

Downloadable Software Included in this Release

File	Details
ET50_FP01_MN_032120.zip	Full OS Software Update Recovery package
ET50_P01_MN_032120.zip	OTA incremental patch Update Recovery package to update from Android M RevC to Patch 01
ROLLBACK_TO_ET50_NG_03.21.20.zip	Rollback package that needs to be used in UPL method to flash

	"ET50_FP01_MN_032120.zip" & future Lifeguard patch.

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