



# Release Notes – Zebra Android 11

## 11-16-05.00-RN-U83-STD-HEL-04 Release (NGMS)

### Highlights

This Android 11 NGMS release 11-16-05.00-RN-U83-STD-HEL-04 covers MC3300ax, TC52AX, ET56, MC3300x, MC3300xR, TC52, TC52 HC, TC52x, TC52x HC, TC57, TC57x, TC72, TC77 family of products.

Please see, device compatibility under Addendum Section for more details.

### Software Packages

Package Name	Description
HE_FULL_UPDATE_11-16-05.00-RN-U83-STD-HEL-04.zip	Full package update
HE_DELTA_UPDATE_11-16-05.00-RN-U11-STD_TO_11-16-05.00-RN-U83-STD.zip	Delta package from previous release 11-16-05.00-RN-U11-STD
Releasekey_Android11_EnterpriseReset_V1.zip	Reset Package to Erase User Data Partition Only
Releasekey_Android11_FactoryReset_V1.zip	Reset Package to Erase User Data and Enterprise Partitions

### Security Updates

This build is Compliant up to [Android Security Bulletin](#) of December 01, 2021.

### Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	11-16-05.00-RN-U83-STD-HEL-04
Android Version	11
Security Patch level	December 1, 2021
Component Versions	Please see Component Versions under Addendum section

## Device Support

The products supported in this release are MC3300ax, TC52AX, ET56, MC3300x, MC3300xR, TC52, TC52 HC, TC52x, TC52x HC, TC57, TC57x, TC72, TC77 family of products.

Please see device compatibility details under Addendum Section.

## New Features

- Added support for new data capture experience (TC52, TC52HC, TC52x, TC52xHC, TC57, TC57x, TC72, TC77, MC3300x)
- Generic Scanner Support (Support for generic Zebra BT and USB Scanners)
- Mobility DNA OCR Wedge v1 Early Access (Camera Only) family of licensed configurations.
  - Tire Identification Number (TIN)
  - Identification Documents (ID)
  - License Plate
  - Meter Reading
  - Vehicle Identification Number (VIN)
- Free-Form Image Capture (Camera/Imager)
- Barcode Highlighting (Camera/Imager)
- SE5500 GA Release

## Resolved Issues

- Fixed: SPR44619 Fixed an issue of Ghost screen touches.
- Fixed: SPR44265 Fixed an issue of BT showing incorrect battery usage in bug report.
- Fixed: SPR44833 Fixed an issue of 'EthernetMgr' manual proxy config not working.
- Fixed: Zebra Pay PD20 timer issue
- Fixed: Settings ANR issues
- Fixed: RxLogger EOF issue
- Fixed: WPA3-SAE compatibility with CISCO AP
- Fixed: Voice quality and Stability enhancement

## Usage Notes

- None

## Known Constraints

- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up before launching settings UI.
- On upgrading a device from A8/A9/A10 to A11, NFC manager configuration need to be re-applied.
- Starting Android 11 on SDM660, an UPL file cannot consist of both Full OTA and Delta OTA package. On A11 customer can directly install the Full OTA package of required LG image
- Ethernet UI is accessible from settings despite being disabled

- RxLogger fails to store logs in internal storage when external SDCard is formatted as internal/adaptable, or it is ejected during run time.
- BLE FW update will not work without enabling location service under settings.

## Important Links

- [Installation and setup instructions](#) (if the link does not work, please copy it to browser and try)
- [Zebra Techdocs](#)
- [Developer Portal](#)

## Addendum

### Device Compatibility

This software release has been approved for use on the following devices.

Device Family	Part Number		Device Specific Manuals and Guides
MC3300ax	MC330X-SJ2EA4CN MC330X-SJ3EA4CN MC330X-SJ4EA4CN MC330X-SA3EA4CN MC330X-SE3EA4CN	MC330X-SG3EA4CN MC330X-GJ2EA4CN MC330X-GJ3EA4CN MC330X-GJ4EA4CN MC330X-GE3EA4CN	<a href="#">MC3300ax Home Page</a>
TC52AX	TC520L-2YFMU7P-CN		<a href="#">TC52ax Home Page</a>
ET56	ET56ET-L21E-00CN	ET56DE-L21E-00CN	<a href="#">ET56 Home Page</a>
MC3300x	MC330L-GE3EA4CN MC330L-GE4EA4CN MC330L-GH3EA3CN MC330L-GJ2EA4CN MC330L-GJ3EA4CN MC330L-GJ4EA4CN MC330L-GL3EA3CN MC330L-GL3EA4CN MC330L-RL2EA4CN MC330L-RL3EA4CN	MC330L-SA3EA4CN MC330L-SE3EA4CN MC330L-SG3EA4CN MC330L-SH3EA3CN MC330L-SJ2EA4CN MC330L-SJ3EA4CN MC330L-SJ4EA4CN MC330L-SK3EA4CN MC330L-SL3EA3CN	<a href="#">MC3300x Home Page</a>
MC3300xR	MC333U-GJ4EA4CN MC339U-GE4EA4CN	MC339U-GF4EA4CN	<a href="#">MC3300xR Home Page</a>
TC52	TC520K-2PEZU4P-CN		<a href="#">TC52 Home Page</a>
TC52 HC	TC520K-2HEZU4P-CN		<a href="#">TC52 HC Home Page</a>
TC52x	TC520K-1XFMU6P-CN		<a href="#">TC52x Home Page</a>
TC52x HC	TC520K-1HCMH6P-CN		<a href="#">TC52x Home Page</a>

TC57	TC57HO-2PEZU4P-CN		<a href="#">TC57 Home Page</a>
TC57x	TC57HO-3XFMU6P-CN		<a href="#">TC57X Home Page</a>
TC72	TC720L-0ME24B0-CN TC720L-02E24B0- CN	TC720L-0ME24B0-CN TC720L-02E24B0- CN	<a href="#">TC72 Home Page</a>
TC77	TC77HL-5ME24BG-CN	TC77HL-52E24BDCN	<a href="#">TC77 Home Page</a>

## Component Versions

Component / Description	Version
Acoustics Profiles	MC3300ax: General: FR1.1, FR2.1, FR3.1 Cellular: NA TC52AX: General: YR1.2, YR3.1 Cellular: NA ET56: General: PR2.2, PR4.1 Cellular: NA MC33x: General: DR3.2, DR1.2, DR2.2 Cellular: NA MC33xR: General: RR1.2, RR2.2 Cellular: NA TC52: General: GR1.4 Cellular: NA TC52 HC: General: GR2.4 Cellular: NA TC52x: General: TR1.3 Cellular: NA TC52x HC: General: TR3.3 Cellular: NA TC57: General: GR3.4 Cellular: GR3.1 TC57x: General: TR2.3 Cellular: TR2.1 TC72: General: HR1.3 Cellular: NA TC77: General: HR2.3 Cellular: HR2.1
Linux Kernel	4.19.157-perf
AnalyticsMgr	10.0.0.1002
Android SDK Level	30
Audio (Microphone and Speaker)	0.31.0.0
Battery Manager	1.2.9
Bluetooth Pairing Utility	3.25
Camera	2.0.002
DataWedge	11.2.52
EMDK	11.0.120.4020
License Manager and License agent	6.0.8 and 6.0.23.5.0.1
MXMF	11.1.0.23
NFC	NFC_NCIHALx_AR18C0.b.1.0

OEM info	9.0.0.565
OSX	QCT. 110.11.10.10
RXlogger	7.0.1.0
ZWC	1.2.264.0
Scanning Framework	32.0.16.0
StageNow	5.4.0.14
Touch Panel (FW)	MC3300ax: Version: 38 Mode: Finger and Stylus TC52AX: Version: 0.8.1-finger-4-0:0x39c6fa Mode: Finger Only ET56: Version: 0410050000 Mode: Finger Only MC33x: Version: 38 Mode: Finger and Stylus MC33xR: Version: 38 Mode: Finger and Stylus TC52: Version:1.8.3-Finger-2-0:0x68cffa Mode: Finger Only TC52x: Version: 0.8.1-Finger-4-0:0x39c6fa Mode: Finger Only TC57: Version:1.8.3-Finger-2-0:0x68cffa Mode: Finger Only TC57x: Version: 0.8.1-Finger-4-0:0x39c6fa Mode: Finger Only TC72: Version: 2.0.1-Finger-1-0:0x826e9a Mode: Finger Only TC77: Version: 2.0.1-Finger-1-0:0x826e9a Mode: Finger Only
WLAN	FUSION_QA_2_1.6.0.001_R (Wi-Fi5) FUSION_SA_2_1.6.0.009_R (Wi-Fi6)
WorryFree WiFi	WFW_A_2_6.5.0.002_R
Zebra Bluetooth	11.1.6
Zebra Volume Control	3.0.0.53
Zebra Data Service	10.0.4.1030

## Revision History

Rev	Description	Date
1.0	Initial release	December 20, 2021
1.1	Document update with Delta Package information	January 19, 2022