



Release Notes – Zebra Android 10

10-12-13.00-QG-U00-STD-HEL-04 Release (GMS)

Highlights

This Android 10 GMS release 10-12-13.00-QG-U00-STD-HEL-04 covers TC21, TC26, PS20, MC3300x, MC3300xR, TC52 family of products. Please see, Device Compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_FULL_UPDATE_10-12-13.00-QG-U00-STD-HEL-04.zip	Full Package Update
HE_DELTA_UPDATE_10-11-12.00-QG-U00_TO_10-12-13.00-QG-U00.zip	Diff package update from 10-11-12.00-QG-U00-STD-HEL-04 (for TC21 only)
HE_EnterpriseReset_A10_V1.zip	Reset Package to Erase User Data Partition Only
HE_FactoryReset_A10_V1.zip	Reset Package to Erase User Data and Enterprise Partitions

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of May 05 2020.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	10-12-13.00-QG-U00-STD-HEL-04
Android Version	10
Security Patch level	May 5, 2020
Linux Kernel	4.4.205
Component Versions	Please see Component Version under Addendum section



Device Support

Newly supported devices in this release: **TC26, PS20, MC3300x, MC3300xR, TC52, TC52HC**

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

Device Family	Part Number		Device Specific Manuals and Guides
TC21	TC210K-01A222-A6 TC210K-01A222-NA TC210K-01D221-A6 TC210K-01D241-A6 TC210K-01A222-01 TC210K-01D221-01 TC210K-01A222-02 TC210K-01D221-02 TC210K-01A222-03	TC210K-01A422-A6 TC210K-01D221-NA TC210K-01D241-NA TC210K-01A422-NA TC210K-01A222-IA	TC21 Home Page
TC26	TC26BK-11A222-A6 TC26BK-11D221-A6 TC26BK-11D241-A6 TC26BK-11A422-A6 TC26BK-21A222-A6 TC26BK-11A222-IA TC26BK-21A222-IA TC26BK-11D221-01 TC26BK-21A222-01 TC26BK-11A222-01 TC26AK-11D221-02 TC26AK-21A222-02 TC26BK-21A222-03	TC26AK-11A222-NA TC26AK-11D221-NA TC26AK-11D241-NA TC26AK-11A422-NA TC26AK-21A222-NA TC26BK-11A222-BR TC26BK-11D221-BR TC26BK-11A422-BR	TC26 Home Page
PS20	PS20J-P4G1A600 PS20J-B2G1A600 PS20J-P4H1A600	PS20J-P4G1NA00 PS20J-B2G1NA00 PS20J-P4H1NA00	PS20 Home Page
MC3300x	MC330L-RL2EG4NA MC330L-RL3EG4NA MC330L-RL4EG4NA MC330L-RL2EG4RW MC330L-RL3EG4RW MC330L-RL4EG4RW MC330L-SL2EG4NA MC330L-SL3EG4NA MC330L-SL4EG4NA MC330L-SL2EG4RW MC330L-SL3EG4RW MC330L-SL4EG4RW MC330L-SJ2EG4NA	MC330L-GL2EG4NA MC330L-GL3EG4NA MC330L-GL4EG4NA MC330L-GL2EG4RW MC330L-GL3EG4RW MC330L-GL4EG4RW MC330L-GL3EG4IN MC330L-GL4EG4IN MC330L-GJ2EG4NA MC330L-GJ3EG4NA MC330L-GJ4EG4NA MC330L-GJ2EG4RW MC330L-GJ3EG4RW	MC3300x Home Page

	MC330L-SJ3EG4NA MC330L-SJ4EG4NA MC330L-SJ2EG4RW MC330L-SJ3EG4RW MC330L-SJ4EG4RW MC330L-SK2EG4NA MC330L-SK3EG4NA MC330L-SK4EG4NA MC330L-SK2EG4RW MC330L-SK3EG4RW MC330L-SK4EG4RW MC330L-SE2EG4NA MC330L-SE3EG4NA MC330L-SE4EG4NA MC330L-SE2EG4RW MC330L-SE3EG4RW MC330L-SE4EG4RW	MC330L-GJ4EG4RW MC330L-GE2EG4NA MC330L-GE3EG4NA MC330L-GE4EG4NA MC330L-GE2EG4RW MC330L-GE3EG4RW MC330L-GE4EG4RW MC330L-GE3EG4IN MC330L-GE4EG4IN MC330L-SJ3EG4IN MC330L-SJ4EG4IN MC330L-GJ3EG4IN MC330L-GJ4EG4IN MC330L-GJ3EG4RW01 MC330L-GJ3EG4NA01 MC330L-GJ3EG4IN01	
MC3300xR	MC333U-GJ2EG4EU MC333U-GJ2EG4IL MC333U-GJ2EG4US MC333U-GJ3EG4EU MC333U-GJ3EG4US MC333U-GJ4EG4EU MC333U-GJ4EG4IN MC333U-GJ4EG4JP MC333U-GJ4EG4US MC333U-GJ4EG4WR MC339U-GE2EG4EU MC339U-GE2EG4US MC339U-GE3EG4EU MC339U-GE3EG4US MC339U-GE4EG4EU MC333U-GJ4EG4SL	MC339U-GE4EG4IN MC339U-GE4EG4JP MC339U-GE4EG4US MC339U-GE4EG4WR MC339U-GF2EG4EU MC339U-GF2EG4US MC339U-GF3EG4EU MC339U-GF3EG4US MC339U-GF4EG4EU MC339U-GF4EG4US MC339U-GF4EG4WR MC339U-GF4EG4TH MC339U-GF3EG4TH MC339U-GE4EG4TH MC333U-GJ4EG4TH MC339U-GF4EG4SL	MC3300xR Home Page
TC52	TC520K-1PEZU4P-A6 TC520K-1PEZU4P-NA	TC520K-1PEZU4P-IA TC520K-1PEZU4P-FT	TC52 Home Page
TC52 HC	TC520K-1HEZU4P-NA TC520K-1HEZU4P-A6	TC520K-1HEZU4P-FT TC520K-1HEZU4P-IA	TC52 HC Home Page

New Features

- Added Support for VoIP for TC21
- Added support for MDNA licensing for TC26. For details refer to tech docs
 - <https://techdocs.zebra.com/licensing/about/#mdnacomponentsandfeatures>
- Added support for DSDS feature (Dual Sim Dual Standby Auto selection) for TC26
- Added support for EB version 2.7.0.1 (licensed) for PS20.

- Added support for Ivanti Velocity (v2.1.9) for MC3300x.
- Added support for Multi-user for TC21
- Added support for pre-bundled PTT Express (Not Pre-Licensed). Not applicable for PS20.
- Added ability in DataWedge to block DataWedge API from being accessed by unknown applications.
- Added app consolidation feature where in the applications are bundled in 'zMonitor' and 'zConfigure' folders in the home screen.
- Added a feature wherein the Battery Manager and Battery Swap applications are combined into a single Battery Manager application.
- Added support for OTA update using AB streaming.
- Added support for SoftAP & WorryFreeWifi for TC21.
- Removed Device Diagnostic Tool application.
- Removed Device Central application.
- Removed support of legacy MC32 PowerPrecision batteries for MC3300x. The device will show a battery error message if the legacy MC32 battery is installed. The legacy MC32 PowerPrecision batteries will not be charged while installed in the MC3300x device.

Resolved Issues

- Resolved the issue wherein the device gets stuck at product logo screen when the settings application is hidden/disabled by MDMs.
- Resolved the intermittent issue wherein the microphone fails to function during a reboot.
- Resolved the issue wherein access permission to storage is denied when EMM agent is enrolled via QRCode.
- Resolved the issue wherein music playback stops on usb headset when device is suspended.
- Resolved the issue wherein the device gets stuck at update screen while adding the secondary user.
- Fixed: SPR38152 wherein BT friendly name (FN) of DX30 is not correctly displayed when paired.
- Fixed: SPR39592 wherein ENABLE_SCANNER Intent along with BT disconnection causes invalid scanner to enable.
- Fixed: SPR39819 wherein extra line feed seen when action key character set as LF.
- Fixed: SPR39878 wherein DataWedge crashes when sending intents while it is starting up.
- Fixed: SPR39482 wherein an extra digit is being sent after every MSI barcode scan.
- Fixed: SPR39795 wherein timestamp is not returned on decoding dotcode barcodes.
- Fixed: SPR40076 wherein application crashes in the event of incorrect calling sequence of the Scanning APIs.
- Fixed: SPR38955 wherein application receives continuous back button events in case of press and hold back button and swipe.
- Fixed: SPR38800 wherein Osupdate fails with "bootlock Pin" when battery is below 30% and kept on charge.

- Fixed: SPR38800 wherein Wifi requires a reset when driver and the firmware are out of sync when the firmware does an FT Roam while the host is in suspend state.
- Fixed: SPR39260 wherein Bluetooth cannot be paired with ZQ320 & IMZ320
- Fixed: SPR39578 wherein Bluetooth paired with ZQ320 & IMZ320 cannot print.
- Fixed: SPR39613 wherein Bluetooth service discovery returns Null UUID.
- Fixed: SPR39514 wherein device gets a notification to enable google play, despite restricting GMS to Chrome from StageNow.
- Fixed: SPR39592 wherein BT pairing popup observed when RS60 is disconnected even when profile option is disabled.
- Fixed: SPR39878 wherein DW crash while processing intent from a third-party application.
- Fixed: SPR39522 wherein CTRL key on Physical keypad is responding with delay.
- Fixed: SPR39807 wherein 'Allow display over other apps' is not automatically set to enabled when installing WFC Voice.
- Fixed: SPR39879 wherein setting Clock CSP with EMDK changes the Time Zone but not time.

Usage Notes

- None

Known Issues

- Picture quality of the image taken with 'Night Mode' in low-light conditions is poor.
- Trigger Modes: Presentation Read Mode is preferred over Continuous Read Mode. If using Continuous Read mode, use a lower illumination brightness setting (e.g. 2) to ensure the scanner can work without interruption.
- "Red Eye Reduction" feature disables the camera flash in the device hence, to enable the camera flash back please disable the red eye reduction feature.
- Fusion Advanced Logging fails to stop after performing OS Upgrade. Workaround is to keep Fusion Advanced Logging disabled before performing OS upgrade.
- SD card with total capacity more than 256GB cannot be formatted as internal storage (adopted storage).
- EMM does not support agent persistence in OS dessert downgrade scenario.
- When user attempts to do camera scanning in restricted profile of android multiuser mode device reboots.
- Reset packages of Oreo and Pie should not be used on devices running with A10 software.

Important Links

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

Addendum

Component Versions

Component / Description	Version
Acoustic Profiles	TC21: General: SQ1.6 Cellular: N/A TC26: General: SQ2.6 Cellular: SQ2.6 PS20: General: JQ1.2 Cellular: N/A MC3300x:General:DQ3.1,DQ3.0,DQ1.1,DQ1.0, DQ2.1,DQ2.0, RQ2.1,RQ1.1 Cellular: N/A TC52: General: GQ1.2, GQ2.2 Cellular: N/A
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.19.0.0
Battery App	1.1.4
Bluetooth Pairing Utility	3.17
Camera	2.0.002(50-00)
DataWedge	8.1.39
EMDK	8.1.6.2706
Enterprise Browser (PS20)	2.7.0.1
Files	10
GMS	10_202003
License Manager and License Agent	version 4.0.2 and version 4.0.31.3.2.0
MXMF	10.1.0.33
NFC	NFC_NCIHALx_AR18C0.a.3.0
OEM info	9.0.0.170
OSX	QCT.100.10.3.28
RXlogger	6.0.3.0

Scanning Framework	27.4.19.0
StageNow	4.3.2.3
Touch Panel (FW)	06 (TC21) 06 (TC26) 08 (PS20) 38 (MC3300) 06 (TC52)
WLAN	FUSION_QA_2_1.1.0.003_Q
Zebra Bluetooth	2.5
Zebra Data Service	10.0.0.1175

Revision History

Rev	Description	Date
1.0	Initial release	June 23, 2020
1.1	New SKU Addition for TC2X	July 14, 2020