



Release Notes – Zebra Android 10

10-12-13.00-QG-U30-STD-HEL-04 Release (GMS)

Highlights

This Android 10 GMS release 10-12-13.00-QG-U30-STD-HEL-04 covers TC21, TC26, TC52X, TC52 family of products. Please see, device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_DELTA_UPDATE_10-12-13.00-QG-U30-STD-HEL-04.zip	Diff package update from 10-12-13.00-QG-U00-STD-HEL-04
HE_EnterpriseReset_A10_V2.zip	Reset Package to Erase User Data Partition Only
HE_FactoryReset_A10_V2.zip	Reset Package to Erase User Data and Enterprise Partitions

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of September 01 2020.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	10-12-13.00-QG-U30-STD-HEL-04
Android Version	10
Security Patch level	September 1, 2020
Linux Kernel	4.4.205
Component Versions	Please see Component Versions under Addendum section



Device Support

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-01A242-A6 TC210K-01D221-A6 TC210K-01D241-A6 TC210K-01B212-A6 TC210K-01B232-A6 TC210K-01A422-A6 TC210K-01A442-A6 TC210K-01B422-NA TC210K-01A222-NA TC210K-01A242-NA TC210K-01A442-NA TC210K-01D221-NA TC210K-01D241-NA TC210K-01B212-NA TC210K-01B232-NA	TC210K-01A222-IA TC210K-01A242-IA TC210K-01A442-IA TC210K-01B212-IA TC210K-01B232-IA TC210K-01B212-TR TC210K-01B232-TR TC210K-0HD224-A6 TC210K-0HB224-A6 TC210K-0HB222-A6 TC210K-0HD224-NA TC210K-0HD224-FT TC210K-0HB224-NA TC210K-0HB222-NA TC210K-0HB224-IA	TC21 Home Page
TC26	TC26BK-11A222-A6 TC26BK-11A242-A6 TC26BK-11D221-A6 TC26BK-21D221-A6 TC26BK-11D241-A6 TC26BK-11B212-A6 TC26BK-11B232-A6 TC26BK-11A442-A6 TC26BK-11A422-A6 TC26BK-21A222-A6 TC26BK-11A222-IA TC26BK-11A242-IA TC26BK-11A442-IA TC26BK-11B212-IA TC26BK-11B232-IA TC26BK-21A222-IA	TC26BK-11A222-BR TC26BK-11B232-BR TC26BK-11A242-BR TC26BK-11B212-BR TC26BK-11D221-BR TC26BK-11A442-BR TC26BK-11A422-BR TC26BK-11D241-BR TC26DK-11B212-TR TC26DK-11B232-TR TC26BK-11B212-ID TC26BK-1HD224-A6 TC26BK-1HB224-A6 TC26BK-1HB224-BR TC26BK-1HB224-IA	TC26 Home Page
TC52X	TC520K-1XFMU6P-NA TC520K-1XFMU6P-A6 TC520K-1XFMU6P-TK	TC520K-1XFMU6P-FT TC520K-1XFMU6P-IA	
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

- Support for Single Pairing over Bluetooth.
- Support for Trusted Device Pairing over Bluetooth.
- Bluetooth Smart Leash feature: Simple audio alert and a notification message on the mobile device to indicate BT accessory is "unleashed".
- Integrated Video-On-Device application.
- Feature to restrict PTT to certain countries per regulatory requirements.
- Support for "Signature Presence Validation" with Anchored Mode Document Capture".
- Support for Edge-detect Document Capture.
- Support for WPA3
- Support for 802.11mc (Wi-Fi RTT) in premium products. Not supported in Value Tier products.
- Support for 802.11v.
- Support for WorryFree WiFi - Roam and Voice Analysis
- Support for USB-C Digital Audio 3.5mm Adapter with PTT Button
- Support for Data Centric Domain Selection
- Support for Cell broadcast for Saudi and UAE regions

Resolved Issues

- Fixed: 40770 Standardized the thermal mitigation notification across WAN products.
- Fixed: 40408 WAN disconnecting at higher temperatures.
- Fixed: 40025 Removed Imager mode options from Datawedge.
- Fixed: 38970 Batteryswap function not working with certain client applications running in foreground.
- Fixed: 40239 EMC devices without camera fail to enroll into Microsoft Intune from welcome screen
- Fixed: 40709 DW profile with BDF "sent Enter key" enabled works inconsistently.
- Fixed: 40655 On selecting DataWedge as a keyboard from the device virtual keyboard settings and disabling Google GBoard, it does not display scanned data.
- Fixed: 40607 Chrome pages doesn't automatically scroll.
- Fixed: 40544 DW fails to show notifications for subsequent connections after initial connection to DS3678.
- Fixed: 40404 EthernetMgr CSP BypassProxy does not accept wildcard on IP.
- Fixed: 40500 Custom APN setting persistence after upgrade
- Fixed: 40382 StageNow Error while Creating DSIDS setting in CellularMgr

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 please disable the ‘Red Eye Reduction’ feature.
- EMM does not support agent persistence in OS dessert downgrade scenario.
- Reset packages of Oreo and Pie should not be used on devices running with A10 software.
- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up.
- On a device with encrypted SD card as portable storage, when a user reboots the device, it reboots more than once.
- If a mobile device connected to a DS3678/LI3678 BT Scanner is rebooted, then DS3678/LI3678 in the vicinity of EMC device fails to connect automatically.
- Thermal warning notification is not seen when TC26 device reaches upper WAN shutdown temperature threshold
- Transparent blue overlay in camera view –numeric, character or ENTER key presses in camera view will make this blue overlay appear. The camera is still functional; however, the view is covered with the blue overlay. To clear this, press the TAB key to move the control to a different menu item or close the camera app.
- In case of an OS upgrade from a s/w version having higher security patch level to a s/w version having lower security patch level, user data will be reset.

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: SQ1.7 Cellular: N/A TC26: General: SQ2.7 Cellular: SQ2.7 TC52x: General: TQ1.2 Cellular: N/A TC52: General: GQ1.2 Cellular: N/A TC52HC: General: GQ2.2 Cellular: N/A TC21HC: General: SQ3.1 Cellular: N/A TC26HC: General: SQ4.1 Cellular: SQ4.1
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.26.0.0
Battery App	1.1.7
Bluetooth Pairing Utility	3.18
Camera	2.0.002(21-00)
DataWedge	8.2.53
EMDK	8.2.4.2804
Files	10
GMS	10_202008
License Manager and License Agent	version 4.1.1 and version 4.1.0.4.0.0
MXMF	10.2.0.29
NFC	NFC_NCIHALx_AR18C0.a.3.0
OEM info	9.0.0.226
OSX	QCT. 100.10.5.49
RXlogger	6.0.4.0

Scanning Framework	28.2.8.0
StageNow	5.0.0.1
Touch Panel (FW)	06 (TC21) 06 (TC26) 0.8.1-Finger-4-0:0x39c6fa (TC52x) 1.8.3-Finger-2-0:0x68cffa (TC52) 1.8.3-Finger-2-0:0x68cffa (TC52HC)
WLAN	FUSION_QA_2_1.3.0.011_Q
Zebra Bluetooth	3.4
Zebra Data Service	10.0.1.1017

Revision History

Rev	Description	Date
1.0	Initial release	September 22, 2020
1.1	Add TC21 and TC26 Additional SKUs	October 14, 2020