



# Release Notes – Zebra Android 10

## 10-12-13.00-QN-U30-STD-HEL-04 Release (NGMS)

### Highlights

This Android 10 NGMS release 10-12-13.00-QN-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-QN-U30-STD-HEL-04.zip	Diff package update from 10-12-13.00-QN-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-QN-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-02A222-CN TC210K-02B212-CN	TC210K-02B412-CN TC210K-06B224-CN	<a href="#">TC21 Home Page</a>
TC26	TC26CK-12A222-CN TC26CK-12B212-CN	TC26CK-16B224-CN	<a href="#">TC26 Home Page</a>
TC52X	TC520K-1XFMU6P-CN		
TC52	TC520K-2PEZU4P-CN		<a href="#">TC52 Home Page</a>
TC52 HC	TC520K-2HEZU4P-CN		<a href="#">TC52 HC Home Page</a>

## 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: 39238 Upgraded the Chromium browser version.
- 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: 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
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) 1.8.3-Finger-2-0:0x68cffa (TC52 HC) 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

## Revision History

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