



# Release Notes – Zebra Android 10

## 10-74-20.00-QN-U00-STD-HEL-04 Release (NGMS)

### Highlights

This Android 10 NGMS release 10-16-10.00-QN-U145-STD-HEL-04 covers TC72, TC77, TC52, TC52 HC, TC57, TC21, TC21 HC, TC26, TC26 HC, TC52x, TC52x HC, EC50, EC55, TC57x, MC3300x, MC3300xR, L10A, TC8300, MC93, VC83, EC30, WT6300, MC2200, MC2700, PS20, ET51 and ET56 family of products. Please see, Device Compatibility under Device Support Section for more details.

LifeGuard patches are cumulative and include all previous fixes that are part of earlier patch releases.

### Software Packages

Package Name	Description
HE_FULL_UPDATE_10-74-20.00-QN-U00-STD-HEL-04.zip	Full Package
HE_DELTA_UPDATE_10-63-19.00-QN_TO_10-74-20.00-QN.zip	Delta package for devices having 10.63.19 based build
HE_DELTA_UPDATE_10-63-18.00-QN_TO_10-74-20.00-QN.zip	Delta package for devices having 10.63.18 based build
HE_DELTA_UPDATE_10-30-02.00-QN_TO_10-74-20.00-QN.zip	Delta package for devices having 10.30.02 based build
HE_DELTA_UPDATE_10-16-10.00-QN_TO_10-74-20.00-QN.zip	Delta package for devices having 10.16.10 based build

### Device Support

Please see device compatibility details under Addendum Section

## Security Updates

This build is Compliant up to [Android Security Bulletin](#) of February 05, 2023 (Critical Patch Level: July 01, 2023).

### ○ New Features

- Added support to improve battery life cycle for new battery (BT-000371-A0) in MC9300.

### ○ Resolved Issues

- SPR-56684 / SPR-55801 - Fix for OS Suboptimal Message pop-up when upgraded.
- Resolved SPR-51803 where serial number was unable to fetch using EMDK.
- SPR-55789 - Fixed an issue where in auto rotate feature stopped working after downgrading the device to sensor unsupported BSP.
- SPR50149 – Resolve an issue where ethernet connectivity dropped in low mobile network on a certain bandwidth.
- SPR-48734 - Fixed physical Keypad volume level from becoming Mute after a Hotswap.
- SPR-51104 - Resolve an issue where ethernet connectivity did not restore on unplug and plug back the ethernet cable.
- Channel 13 in wifi module is disabled in 10-74-20.00-ON-U00 for China to make it comply with the China regulatory requirement.

### ○ Usage Notes

- Note: Devices having property ro.custom.config.device.wifi.ssrc as value 14 will not be allowed to downgrade below the following Android images:

A14 Image 14-32-12.00-UN-U00,  
A13 image 13-42-20.00-UN-U00,  
A11 image 11-61-11.00-RN-U00,  
A10 image 10-74-20.00-QN-U00,  
A8 image 01-94-19.00-ON-U00

## Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	10-74-20.00-QN-U00-STD-HEL-04
Android Version	10
Security Patch level	February 05, 2023 (Critical Patch Level: July 01, 2023)

Component Versions	Please see Component Versions under Addendum section
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## Known Constraints

- 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.
- 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.
- TC5x flash LED temperature is too high when torch is on for long time.
- Unable to scan remote company network using ES file explorer over VPN.
- In case USB flash drives are not getting detected on VC8300 after reboot on USB-A port, re-insert the USB flash drive after the device is fully powered up & on home screen.
- On WT6300 with RS4000 & RS5000 usage, the DataWedge option "Keep enabled on suspend" (in Profiles > Configure scanner settings) shall NOT be set, user can set "Trigger Wakeup and Scan"(in Profiles > Configure scanner settings > Reader params) for single trigger wake and scan functionality.
- When phone app is being disabled using MDM and user tries to reboot the device, user might see **Recovery Screen** with "Try again" and "Factory data reset" options. Select option "Try again" to continue the reboot process. Do not select option "Factory data reset", as it will erase the user data.
- After upgrading from Oreo to A10, Device shows "SD card setup" notification, which is expected behavior from AOSP.
- After upgrading from Oreo to A10, staging fails on few packages, user must update package names accordingly and make use of the profiles or create new staging profiles.
- At the very first time, DHCPv6 enable through CSP is not reflecting until user disconnect/reconnect to the WLAN profile.
- Support for ZBK-ET5X-10SCN7-02 and ZBK-ET5X-8SCN7-02 (SE4770 scan engine devices) is not available with software released before 10-16-10.00-QN-U72-STD-HEL-04.
- Stagenow package name has been changed to com.zebra.devicemanager, This can cause issues with AE enrollments and locking down an unit like with EHS or EMM lockdowns. This Issue will be fixed on June 2022 LifeGuard Release.

## Important Links

[Installation and setup instructions](#) (if the link does not work please copy It to browser and try)

Note: "As part of IT security best practices, Google Android enforces that the Security Patch Level (SPL) for the

new OS or patch must be the same level or a newer level than the OS or patch version currently on the device. If the SPL for the new OS or patch is older than the SPL currently on the device, then the

device will enterprise reset and wipe all user data and settings including user network configurations and remote management tools which would render the device inaccessible over a network.”

[Zebra Techdocs](#)

[Developer Portal](#)

## Device Support

### Device Compatibility

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-02A423-CN	<a href="#">TC21 Home Page</a>
TC21 HC	TC210K-06B224-CN		<a href="#">TC21 HC Home Page</a>
TC26	TC26CK-12A222-CN TC26CK-12B212-CN	TC26CK-12A423-CN TC26CK-12B432-CN	<a href="#">TC26 Home Page</a>
TC26 HC	TC26CK-16B224-CN		<a href="#">TC26 HC Home Page</a>
PS20	PS20J-B2G2CN00 PS20J-P4G2CN00	PS20J-P4H2CN00	<a href="#">PS20 Home Page</a>
MC3300x	MC330L-SL3EA3CN MC330L-SH3EA3CN MC330L-GL3EA3CN MC330L-GH3EA3CN MC330L-GE3EA4CN MC330L-GJ2EA4CN MC330L-GJ3EA4CN MC330L-GJ4EA4CN MC330L-GL3EA4CN	MC330L-SE3EA4CN MC330L-SK3EA4CN MC330L-SA3EA4CN MC330L-SJ4EA4CN MC330L-SJ2EA4CN MC330L-SJ3EA4CN MC330L-RL2EA4CN MC330L-RL3EA4CN MC330L-SG3EA4CN	<a href="#">MC3300x Home Page</a>
MC3300xR	MC339U-GF4EA4CN MC333U-GJ4EA4CN	MC339U-GE4EA4CN	<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-2XFMU6P-CN		<a href="#">TC52X Home Page</a>

TC52x HC	TC520K-1HCMH6P-CN		<a href="#">TC52X Home Page</a>
TC57X	TC57HO-3XFMU6P-CN		<a href="#">TC57X Home Page</a>
L10A	RTL10B1-xxxxxxxxxxCN <i>Note: 'x' Stands for wild card for different configurations</i>		<a href="#">L10A Home Page</a>
TC8300	TC83B0-6005A510CN TC83B0-2005A510CN TC83B0-3005A510CN TC83B0-2005A61CCN TC83B0-3005A61CCN	TC83BH2205A710CN TC83BH3205A710CN TC83B0-4005A610CN TC83B0-5005A610CN	<a href="#">TC8300 Home Page</a>
MC9300	MC930B-GSEEG4CN MC930B-GSCDG4CN MC930B-GSEDG4CN MC930B-GSADG4CN MC930B-GSACG4CN MC930P-GFADG4CN MC930P-GFEDG4CN MC930B-GSHDG4CN MC930P-GFCDG4CN MC930P-GFCBG4CN MC930P-GSFDA4CN	MC930P-GFEBG4CN MC930P-GFABG4CN MC930P-GFHBG4CN MC930P-GFHG4CN MC930P-GSGBA4CN MC930P-GSGDA4CN MC930P-GSWBA4CN MC930P-GSWDA4CN MC930P-GSFDG4CN MC930B-GSECG4CN	<a href="#">MC9300 Home Page</a>
VC8300	VC83-08SOCQBABBACN	VC83-08FOCQBABBACN	<a href="#">VC8300 Home Page</a>
EC30	EC300K-2SA2ACN		<a href="#">EC30 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>
TC57	TC57HO-2PEZU4P-CN		<a href="#">TC57 Home Page</a>
WT6300	WT63B0-TS0ANECH	WT63B0-KS0ANECH	<a href="#">WT6300 Home Page</a>
MC2200	MC220K-3B3S4CN	MC220J-3A3S2CN	<a href="#">MC2200 Home Page</a>
MC2700	MC220J-3A3S2CN MC220K-3B3S4CN	MC27CJ-3A3S2CN MC27CK-3B3S4CN	<a href="#">MC2700 Home Page</a>
EC50	EC500K-02B223-CN EC500K-02B243-CN	EC500K-02B112-CN EC500K-02B132-CN	<a href="#">EC50 Home Page</a>
EC55	EC55CK-12B112-CN EC55CK-12B132-CN	EC55CK-12B223-CN EC55CK-12B243-CN	<a href="#">EC55 Home Page</a>
ET51	ET51CE-L21E-00CN	ET51CE-L21E-SFCN	<a href="#">ET51 Home Page</a>

ET56	ET56ET-L21E-00CN	ET56DE-L21E-00CN	<a href="#">ET56 Home Page</a>
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## Addendum

### Component Versions

Component / Description	Version
Linux Kernel	4.4.205
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.35.0.0
Battery Manager	1.1.7
Bluetooth Pairing Utility	3.26
Camer	2.0.002
DataWedge	8.2.709
Files	10
License Manager and License Agent	version 6.0.13
MXMF	10.5.1.1
NFC	NFC_NCIHALx_AR18C0.a.3.0
OEM info	9.0.0.699
OSX	QCT.100.10.13.70
RXlogger	6.0.7.0
Scanning Framework	28.13..3.0
StageNow	5.3.0.4
WLAN	FUSION_QA_2_1.3.0.053_Q
Zebra Bluetooth Settings	2.3

Zebra Data Service	10.0.3.1001
Android Webview and Chrome	87.0.4280.101

## Revision History

Rev	Description	Date
1.0	Initial release	September, 2025