



Release Notes – Zebra Android 13

13-09-16.00-TN-U00-STD-ATH-04 Release (NGMS)

Highlights

This Android 13 NGMS release 13-09-16.00-TN-U00-STD-ATH-04 covers TC53 family of products.

This release requires a mandatory multi step OS Update method to upgrade to A13 BSP software from A11. This method is a one-time activity for this release and subsequent releases can be updated by single-step OS Update method. Please refer for more details under “**OS Update Installation Requirements and Instructions**” section.

Please see device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
AT_FULL_UPDATE_13-09-16.00-TN-U00-STD-ATH-04.zip	Full package update
ATH_DELTA_UPDATE_11-19-15.00-RN-U00-STD_TO_11-19-15.00-RN-U00-H03.zip	Delta package update from 11-19-15.00-RN-U00-STD TO 11-19-15.00-RN-U00-H03 release
Releasekey_6490_EnterpriseReset_V2.zip	Enterprise reset package
Releasekey_6490_FactoryReset_V2.zip	Factory reset package

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of Feb 05, 2023

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	13-09-16.00-TN-U00-STD-ATH-04
Android Version	13
Security Patch level	Feb 05, 2023
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are TC53 family of products.

Please see device compatibility details under Addendum Section.

New Features

- This is an initial Android 13 NGMS release for TC53 family of products.

Resolved Issues

- None.

Usage Notes

- None.

Known Constraints

- Delta OTA packages are not supported in Recovery mode. To apply Delta OTA packages, use StageNow/MDM solution.
- External Speaker in mirror mode is not supported.
- Secondary screen Touch monitor in mirror mode is not supported.
- Staging via NFC is not supported.
- OCR feature is not supported.
- DHCP Option 119 & Auto PAC Proxy feature is currently not supported in this release. Zebra is working on enabling these 2 features in future Android 13 releases.
- Datawedge intent delivery feature is not ready in this release.
- NotificationMgr features (<https://techdocs.zebra.com/mx/notificationmgr/>) are not supported.
- WiFi connection can be unstable while Zero touch barcode staging, in order to stable WiFi connection reboot is required.

- User will not be able to push files into below listed directories using adb command. Alternately, EMM clients or StageNow can be used to push files into below listed directories.
 - /enterprise/
- While upgrading from A11 to A13, FTM 11mc (indoor location) configurations are not saved. After upgrading to A13, the end user must reconfigure the FTM staging parameters. [Refer to [Wi-Fi Manager - TechDocs \(zebra.com\)](#) for FTM parameters supported.]
- Customers using Airwatch Proprietary staging method which includes generation of barcodes from Airwatch console and using external FTP as staging servers not ready for this release, Zebra will enable this feature in upcoming release of Airwatch agent.

OS Update Installation Requirements and Instructions

To update from A11 to this A13 release, user must follow below steps

- **Step-1:** Device **MUST** have A11 Feb 2023 LG BSP Image **11-19-15.00-RG-U00-STD** version installed which is available on [zebra.com](#) portal.
- **Step-2:** Install the following Hotfix patch followed by a reboot. **ATH_DELTA_UPDATE_11-19-15.00-RG-U00-STD_TO_11-19-15.00-RG-U00-H03.zip**. **Contact Zebra support or your Zebra sales representative to access this file.**
- **Step-3:** Upgrade to BSP version **13-09-16.00-TG-U00-STD-ATH-04**.

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
TC53	TC5301-0T2K6B1000-CN		TC53

Component Versions

Component / Description	Version
Linux Kernel	5.4.210-qgki
AnalyticsMgr	10.0.0.1006
Android SDK Level	33
Audio (Microphone and Speaker)	0.7.3.0
Battery Manager	1.4.3
Bluetooth Pairing Utility	5.1
Camera	2.1.10
DataWedge	13.0.19
EMDK	13.0.1.4301
Files	13
License Manager and LicenseMgrService	6.0.29 and 6.0.62
MXMF	13.0.0.101
NFC and NFC FW	PN7160_AR_11.02.00 and 12.50.9
OEM info	9.0.0.935
OSX	QCT6490.110.11.6.24
Rxlogger	13.0.11.17
Scanning Framework	39.7.3.0
StageNow	13.0.0.101
WLAN	FUSION_QA_4_1.0.0.017_T FW:1.1.2.0.645.5
Zebra Bluetooth	13.0.6
Zebra Volume Control	3.0.0.89
Zebra Data Service	10.0.7.1001
Zebra Device Manager	13.0.0.101
Wireless Analyzer	WA_A_3_0.0.0.008_T

Revision History

Rev	Description	Date
1.0	Initial release	April 24, 2023