

Release Notes – Zebra Android 11

11-21-27.00-RG-U05-STD-ATH-04 Release (GMS)

Highlights

This Android 11 GMS release 11-21-27.00-RG-U05-STD-ATH-04 covers TC58 and TC78 family of products.

Please see device compatibility under Addendum Section for more details.

Software Packages

| Package Name | Description |
|---|--|
| AT_FULL_UPDATE_11-21-27.00-RG-U05-STD-ATH-04.zip | Full package update |
| ATH_DELTA_UPDATE_11-21-27.00-RG-U03-STD_TO_11-21-27.00-RG-U05-STD.zip | Delta package update from 11-21-27.00-RG-U03-STD to 11-21-27.00-RG-U04-STD release Applicable for TC58 and TC78 SKUs |

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of July 01, 2023

LifeGuard Update 11-21-27.00-RG-U05 (Applicable only for TC58 and TC78 SKUs)

- LifeGuard Update 11-21-27.00-RG-U05-STD-ATH-04 contains security updates only.
- This LG patch is applicable for 11-21-27.00-RG-U00-STD-ATH-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-21-27.00-RG-U03 (Applicable only for TC58 and TC78 SKUs)

- LifeGuard Update 11-21-27.00-RG-U03-STD-ATH-04 contains security updates only.
- This LG patch is applicable for 11-21-27.00-RG-U00-STD-ATH-04 BSP version.

○ New Features

- None

○ Resolved Issues

- None

○ Usage Notes

- None

LifeGuard Update 11-21-27.00-RG-U00

- This LG patch is applicable for 11-21-27.00-RG-U00-STD-ATH-04 BSP version.

○ New Features

- Added support of BtInsights v2.0 API for paired Bluetooth peripheral.
- Added support MX CSP 11.9 for WWAN/LAN connection Manager.
- Added support MX CSP 11.9 for Incoming/Outgoing call blocking through admin.
- Added support for Erill Operator in Finland (SPR-48401).
- Added support for Enabling VoLTE & EVS for Telia operator (SPR47522, SPR47409)
- Added support for 5G Capability in Reliance MBN in India (SPR-48491).
- Added support for MX UI CSP Setting RecentApp Button/Home Key/Long Press on Home Key features for Gesture Navigation

○ Resolved Issues

- Resolved an issue wherein KeyEventService was not sending intent when a key was remapped to send Intent.
- SPR48429 - Resolved issue where quick settings was accessible in Reduced settings mode when battery saver is turned on.
- SPR48826 – Resolved an issue wherein notification bar was big in size.
- SPR48066 – Resolved an issue wherein avc related log msgs were filling up the Rxlogger logs.
- SPR50161 – Ping loss Due to Device going to suspend and taking delay in reconnection.
- SPR48045 - Resolved an issue wherein MX not able to use host manager & host name.

○ Usage Notes

- None

LifeGuard Update 11-20-08.00-RG-U01 (Applicable only for TC58 SKUs)

- LifeGuard Update 11-20-08.00-RG-U01 contains security updates only.
- This LG patch is applicable for 11-20-08.00-RG-U00-STD-ATH-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-20-08.00-RG-U00 (Applicable only for TC58 SKUs)

- This LG patch is applicable for 11-20-08.00-RG-U00-STD-ATH-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- SPR48093 – Resolved issue where device rebooted when running RxLogger with QXDM logging enabled.

- **Usage Notes**

- None

LifeGuard Update 11-19-15.00-RG-U02 (Applicable only for TC78 SKUs)

- LifeGuard Update 11-19-15.00-RG-U01 contains security updates only.
- This LG patch is applicable for 11-19-15.00-RG-U00-STD-ATH-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-19-15.00-RG-U01 (Applicable only for TC78 SKUs)

- LifeGuard Update 11-19-15.00-RG-U01 contains security updates only.
- This LG patch is applicable for 11-19-15.00-RG-U00-STD-ATH-04 BSP version.

○ New Features

- None

○ Resolved Issues

- None

○ Usage Notes

- None

LifeGuard Update 11-19-15.00-RG-U00

- This LG patch is applicable for 11-19-15.00-RG-U00-STD-ATH-04 BSP version.

○ New Features

- Added a new feature that controls whether to allow all USB peripherals to be used when the device is in USB Host Mode or to restrict usage to peripherals as defined in Rules created by the administrator using the Control Rules parameter.
- Added a new MX new feature that allows to run applications automatically upon connecting USB devices by suppressing the pop-up confirmation triggered by the Android system, if the application is marked as an auto launch application for the connected USB device.
- DataWedge:
 - New viewfinder functionalities to vision features (Camera only)
 - Zoom(1x/2x/4x/8x) button
 - Illumination(on/off) button
 - Pinch and zoom
- Added a programmatic method to retrieve KeyStates on Keyboard enabled devices (SHIFT) (SPR 47506/47368).
- Improved indoor navigation use cases.

○ Resolved Issues

- SPR47143 - Resolved an issue wherein few additional log messages were enabled in NFC component.
- SPR47950 - Resolved an issue wherein Short Press of key was showing Power Menu.
- SPR47868 - Resolved an issue where sometimes WIFI-WWAN transition was not working.
- SPR48699 - Resolved Wi-Fi connectivity issues seen with some Cisco infrastructures where in AP did not advertise Power Constraint information and only DTPC is enabled.

- Performance enhancements and bug fixes in OCR Wedge.

- **Usage Notes**

- None

LifeGuard Update 11-17-16.00-RG-U04

- LifeGuard Update 11-17-16.00-RG-U04 contains security updates only.
- This LG patch is applicable for 11-17-16.00-RG-U00-STD-ATH-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-17-16.00-RG-U00

- This LG patch is applicable for 11-17-16.00-RG-U00-STD-ATH-04 BSP version.

- **New Features**

- DataWedge:
- New Workflow: Free-Form OCR via Camera powered by Google ML Kit using Text Recognition v2 (Beta) API.
- Return state/country in OCR Wedge License Plate results.
- Zebra USB and Bluetooth scanner cradle support with Workstation Cradle.
- Bluetooth Pairing Utility:
- Modify size of BT pairing barcode based on screen size/resolution.
- Remove Search Magnifying Glass from Settings: Phase-2
- WorryFree WiFi (SmartMU)
- Enable/Disable Charging LED light while device is being charged
- Ability to disable the on-screen mute option in Zebra Volume Control (ZVC)
- Eliminate SD Card Pop Up

- **Resolved Issues**

- OCR and Image capture options (Workflow input) are grayed out on DataWedge when Android Device screen lock is enabled. If OCR Wedge or Free-form Image Capture Workflow feature is required in conjunction with a device pin, it is recommended to continue to use the prior release until the next

release. For Document Capture Workflow, a hot fix will be available shortly. Please contact your account team for details

- SPR47910- Resolved an issue where sometimes device enters Rescue Party mode.
- SPR47607 - Resolved an issue where device sometimes unable to resolve server names that are fully qualified domain names.

- **Usage Notes**

- None.

Version Information

Below Table contains important information on versions

| Description | Version |
|----------------------|--|
| Product Build Number | 11-21-27.00-RG-U03-STD-ATH-04 |
| Android Version | 11 |
| Security Patch level | June 01, 2023 |
| Component Versions | Please see Component Versions under Addendum section |

Device Support

The products supported in this release are TC58 and TC78 family of products.

Please see device compatibility details under Addendum Section.

Known Constraints

- Delta OTA packages are not supported in Recovery mode. To apply Delta OTA packages, use StageNow/MDM solution.
- Key programmer configuration is lost after performing OS update.
- During Battery True Swap device may suspend before 30 seconds with some EMM Kiosk mode Launchers.
- 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/

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 |
|---------------|--|--|------------------------------------|
| TC58 | TC58A1-3T1K6B1010-NA TC58A1-3T1K7B1010-NA TC58A1-3T1K6E2A1A-NA TC58A1-3T1K6E2A1B-NA TC58A1-3T1K6E2A8D-NA TC58A1-3T1E4B1010-NA TC58A1-3T1K4B1010-NA TC58A1-3T1E7B1010-NA TC58B1-3T1E4B1080-IN TC58B1-3T1E4B1080-XP TC58J1-3T1E4B1080-TR TC58C1-3T1K6B1080-JP TC58B1-3T1E4B1080-ID TC58B1-3T1E4B1080-TR TC58B1-3T1K6B1080-TR TC58B1-3T1E4B1N80-A6 | TC58B1-3T1K6E208E-A6 TC58B1-3T1K7B1080-A6 TC58B1-3T1K6E208C-A6 TC58B1-3T1K6B1080-A6 TC58B1-3T1K6E2A8A-A6 TC58B1-3T1K6E208F-A6 TC58B1-3T1K6E2A8C-A6 TC58B1-3T1K6E2A8E-A6 TC58B1-3T1K6E2A8F-A6 TC58B1-3T1E6B1080-A6 TC58B1-3T1E4B1080-A6 TC58B1-3T1K4B1080-A6 TC58B1-3T1E4B1B80-A6 TC58B1-3T1E6B1W80-A6 TC58B1-3T1K6E2W8A-A6 TC58B1-3T1E4B1N80-A6 | TC58 |
| TC78 | TC78A1-3T1J4B1A10-NA TC78B1-3T1J4B1A80-A6 TC78B1-3T1K4B1A80-A6 TC78A1-3T1J6B1A10-NA TC78B1-3T1J6B1A80-A6 TC78A1-3T1K6B1A10-NA | TC78B1-3T1K6B1A80-A6 TC78A1-3T1K6B1G10-NA TC78A1-3T1K6B1E10-NA TC78A1-3T1K6B1B10-NA TC78A1-3T1K4B1A10-NA TC78B1-3T1K6B1B80-A6 TC78B1-3T1K6B1E80-A6 | TC78 |

Component Versions

| Component / Description | Version |
|-------------------------|--------------|
| Linux Kernel | 5.4.210-qqki |
| AnalyticsMgr | 10.0.0.1002 |
| Android SDK Level | 30 |

| | |
|---------------------------------------|--|
| Android Webview | 97.0.4692.98 |
| Audio (Microphone and Speaker) | 0.18.0.0 |
| Battery Manager | 1.4.0 |
| Bluetooth Pairing Utility | 3.27 |
| Camera | 2.0.24 |
| DataWedge | 11.4.205 |
| EMDK | 11.0.134.4034 |
| Files | aml_doc_310851020 |
| Google Chrome | 97.0.4692.98 |
| License Manager and LicenseMgrService | 6.1.1 and 6.1.3 |
| MXMF | 11.9.0.18 |
| NFC FW | 12.50.9 |
| OEM info | 9.0.0.828 |
| OSX | QCT6490.110.11.6.29 |
| Rxlogger | 7.0.5.19 |
| Scanning Framework | 37.9.8.0 |
| StageNow | 11.9.0.1 |
| WLAN | Fusion Version: FUSION_QA_4_1.2.0.017_R FW: 1.1.2.0.640.3 |
| Zebra Bluetooth | 11.7.1 |
| Zebra Volume Control | 3.0.0.91 |
| Zebra Data Service | 10.0.4.1263 |
| Zebra Device Manager | 11.9.0.33 |
| WorryFreeWiFi | WA_A_3_1.1.0.016_R |

Revision History

| Rev | Description | Date |
|-----|-----------------|---------------|
| 1.0 | Initial release | June 20, 2023 |