



Release Notes – Zebra Android 11

11-16-05.00-RG-U27-STD-HEL-04 Release (GMS)

Highlights

This Android 11 GMS release 11-16-05.00-RG-U27-STD-HEL-04 covers MC20, RZ-H271, CC600, CC6000, EC30, EC50, EC55, ET51, L10A, MC2200, MC2700, MC9300, PS20, TC21, TC26, TC26 HC, TC8300, VC8300 & WT6300 family of products.

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

Please see, device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_FULL_UPDATE_11-16-05.00-RG-U27-STD-HEL-04.zip	Full package update
HE_DELTA_UPDATE_11-16-05.00-RG-U22-STD_TO_11-16-05.00-RG-U27-STD.zip	Delta package from previous release 11-16-05.00-RG-U22-STD

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of February 01, 2022

LifeGuard Update 27

- LifeGuard Update 27 contains security updates only.
- This LG patch is applicable for 11-16-05.00-RG-U22-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 22

- LifeGuard Update 22 contains security updates only.
- This LG patch is applicable for 11-16-05.00-RG-U17-STD-HEL-04 BSP version.
 - **New Features**
 - None
 - **Resolved Issues**
 - None
 - **Usage Notes**
 - None

LifeGuard Update 17

- LifeGuard Update 17 contains security updates only.
- This LG patch is applicable for 11-16-05.00-RG-U11-STD-HEL-04 BSP version.
 - **New Features**
 - None
 - **Resolved Issues**
 - None
 - **Usage Notes**
 - None

LifeGuard Update 11

- LifeGuard Update 11 contains security updates only.
- This LG patch is applicable for 11-16-05.00-RG-U00-STD-HEL-04 BSP version.
 - **New Features**
 - None

- **Resolved Issues**

- None

- **Usage Notes**

- None

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	11-16-05.00-RG-U27-STD-HEL-04
Android Version	11
Security Patch level	February 01, 2022
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are MC20, RZ-H271, CC600, CC6000, EC30, EC50, EC55, ET51, L10A, MC2200, MC2700, MC9300, PS20, TC21, TC26, TC26 HC, TC8300, VC8300 & WT6300 family of products.

Please see device compatibility details under Addendum Section.

Known Constraints

- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up before launching settings UI.
- On upgrading a device from A8/A9/A10 to A11, NFC manager configuration need to be re-applied.
- Starting Android 11 on SDM660, an UPL file cannot consist of both Full OTA and Delta OTA package. On A11 customer can directly install the Full OTA package of required LG image
- One second Bluetooth jitter noticed in 2.4GHz band.
- Ethernet UI is accessible from settings despite being disabled
- RxLogger fails to store logs in internal storage when external SDCard is formatted as internal/adaptable, or it is ejected during run time.
- BLE FW update will not work without enabling location service under settings.
- Due to GMS App update, device fails to download QR reader needed for DO enrollment after factory/enterprise 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

Device Compatibility

This software release has been approved for use on the following devices.

Device Family	Part Number		Device Specific Manuals and Guides
MC20	RZ-H271	MC200A-GA2S40JP	MC20 Home Page
CC600	CC600-5-3200LNNA CC600-5-3200LNWW	CC600-5-3200LNRU CC600-5-3200LNIN	CC600 Home Page
CC6000	CC6000-10-3200LCWW CC6000-10-3200PCWW CC6000-10-3200LCNA CC6000-10-3200NLCNA	CC6000-10-3200LCRU CC6000-10-3200PCNA CC6000-10-3200LNNA CC6000-10-3200NLCWW	CC6000 Home Page
EC30	EC300K-1SA2ANA EC300K-1SA2AA6 EC300K-1SA2AIA	KT-EC300K-1SA2BNA-10 KT-EC300K-1SA2BA6-10	EC30 Home Page
EC50	EC500K-01B132-NA EC500K-01B242-NA EC500K-01B243-NA EC500K-01D141-NA EC500K-01B112-NA EC500K-01B222-NA EC500K-01B223-NA EC500K-01D121-NA	EC500K-01B243-A6 EC500K-01D141-A6 EC500K-01B132-A6 EC500K-01B242-A6 EC500K-01B112-A6 EC500K-01B222-A6 EC500K-01B223-A6 EC500K-01D121-A6	EC50 Home Page
EC55	EC55AK-01B112-NA EC55AK-11B112-NA EC55AK-11B132-NA EC55AK-21B222-NA EC55AK-21B223-NA EC55AK-21B242-NA EC55AK-21B243-NA EC55AK-21D121-NA EC55AK-21D141-NA EC55AK-21D221-NA	EC55BK-11B223-A6 EC55BK-21B222-A6 EC55BK-21B223-A6 EC55BK-21B223-BR EC55BK-21B223-IA EC55BK-21B223-ID EC55BK-21B223-RU EC55BK-21B223-XP EC55BK-21B242-A6 EC55BK-21B243-A6	EC55 Home Page

	<p>EC55BK-01B112-A6 EC55BK-11B112-A6 EC55BK-11B112-BR EC55BK-11B112-IA EC55BK-11B112-ID EC55BK-11B112-RU EC55BK-11B112-XP EC55BK-11B132-A6</p>	<p>EC55BK-21D121-A6 EC55BK-21D121-BR EC55BK-21D121-IA EC55BK-21D121-ID EC55BK-21D121-RU EC55BK-21D121-XP EC55BK-21D141-A6</p>	
ET51	<p>ET51CT-G21E-00A6 ET51CT-G21E-00NA ET51CE-G21E-00NA ET51CE-G21E-00A6</p>	<p>ET51CE-G21E-00IA ET51CE-G21E-SFA6 ET51CE-G21E-SFNA</p>	ET51 Home Page
L10A	<p>RTL10B1-xxxxxxxxNA (North America) RTL10B1-xxAxxX0x00A6 (ROW) Note: 'x' Stands for wild card for different configurations</p>	<p>RTL10B1-xxAxxX0x00IN (India) RTL10B1-xxxxxxxxRU (Russia)</p>	L10A Home Page
MC2200	<p>MC220K-2A3S3RW MC220K-2A3E3NA01 MC220K-2A3E3IN01 MC220K-2A3E3RW01 MC220K-2B3E3RW MC220K-2B3S3RW MC220K-2B3S3NA MC220K-2B3S3IN MC220K-2B3S3RU MC220K-2B3S3TR</p>	<p>MC220K-2B3S3XP MC220K-2A3S3RU MC220J-2A3S2RW MC220J-2A3S2NA MC220J-2A3S2IN MC220J-2A3S2XP MC220J-2A3S2RU MC220J-2A3E2RU MC220J-2A3S2TR</p>	MC2200 Home Page
MC2700	<p>MC27AK-2B3S3NA MC27AK-4B3S3NA MC27BJ-2A3S2ID MC27BJ-2A3S2IN MC27BJ-2A3S2RW MC27BJ-2A3S2XP MC27BK-2B3S3ID MC27BK-2B3S3IN</p>	<p>MC27BK-2B3S3RW MC27BK-2B3S3XP MC27BK-4B3S3RW MC27BJ-2A3S2RU MC27BJ-2A3S2TR MC27BK-2B3S3RU MC27BK-2B3S3TR MC27AJ-2A3S2NA</p>	MC2700 Home Page
MC93	<p>MC930B-GSXXG4XX MC930P-GSXXG4XX MC930P-GFXXG4XX Note: 'x' Stands for wild card for different configurations</p>	<p>MC930B-GSXXG4NA-XX MC930P-GSXXG4NA-XX</p>	MC9300 Home Page
PS20	<p>PS20J-P4G1A600 PS20J- P4G1A600-10 PS20J- B2G1A600 PS20J- B2G1A600-10 PS20J- P4H1A600 PS20J- P4H1A600-10 PS20J-</p>	<p>PS20J-P4G2CN00 PS20J- P4G1NA00 PS20J- P4G1NA00-10 PS20J- B2G1NA00 PS20J- B2G1NA00-10 PS20J- P4H1NA00 PS20J-</p>	PS20 Home Page

	B2G2CN00 PS20J-P4H2CN00	P4H1NA00-10 PS20J-P4G1RU00	
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-0HD224-A6 TC210K-0HB224-A6 TC210K-0HB222-A6 TC210K-01A423-A6 TC210K-0JB224-A6 TC210K-01B422-NA TC210K-01A222-NA TC210K-01D221-NA TC210K-01D241-NA TC210K-0JD224-NA TC210K-0JB224-NA TC210K-01A242-NA TC210K-01A442-NA TC210K-01B212-NA TC210K-01B232-NA	TC210K-01A423-NA TC210K-0HD224-NA TC210K-0HB224-NA TC210K-0HB222-NA TC210K-01A422-NA TC210K-0HB224-IA TC210K-01A222-IA TC210K-01A242-IA TC210K-01A442-IA TC210K-01A422-IA TC210K-01B212-IA TC210K-01B232-IA TC210K-01A423-IA TC210K-01B232-TR TC210K-01B212-TR TC210K-01D221-TR TC210K-01D241-TR TC210K-01B212-RU TC210K-01B232-RU TC210K-01A222-RU TC210K-0HD224-FT TC210K-01B212-XP	TC21 Home Page
TC21 HC	TC210K-0HD224-NA KT-TC210K-0HD224-FT TC210K-0HD224-A6 TC210K-0HB224-A6 TC210K-0JB224-A6 TC210K-0JD224-NA TC210K-0JB224-NA TC210K-0HB224-NA TC210K-0HB222-NA TC210K-0HB224-IA TC210K-0HB222-NA KT-TC210K-0HD224-PTTP1-NA KT-TC210K-0HD224-PTTP2-NA KT-TC210K-0HD224-PTTP1-FT KT-TC210K-0HD224-PTTP2-FT KT-TC210K-0HD224-PTTP1-A6 KT-TC210K-0HD224-PTTP2-A6	KT-TC210K-0HB224-PTTP1-A6 KT-TC210K-0HB224-PTTP2-A6 KT-TC210K-0HD224-WFC1-NA KT-TC210K-0HD224-WFC2-NA KT-TC210K-0HD224-WFC1-FT KT-TC210K-0HD224-WFC2-FT KT-TC210K-0HD224-WFC1-A6 KT-TC210K-0HD224-WFC2-A6 KT-TC210K-0HB224-WFC1-A6 KT-TC210K-0HB224-WFC2-A6	TC21 Home Page
TC26	TC26BK-11A222-A6 TC26BK-11A242-A6 TC26BK-11A422-A6	TC26AK-11A442-NA TC26BK-11A222-IA TC26BK-11A242-IA	TC26 Home Page

	TC26BK-11A423-A6 TC26BK-11A442-A6 TC26BK-11B212-A6 TC26BK-11B232-A6 TC26BK-11B412-A6 TC26BK-11D221-A6 TC26BK-11D241-A6 TC26BK-11D421-A6 TC26BK-21D221-A6 TC26BK-21A222-A6 TC26BK-1HB224-A6 TC26BK-1HD224-A6 TC26BK-1JB224-A6 TC26BK-21A442-A6 TC26AK-11A222-NA TC26AK-11A242-NA TC26AK-11A422-NA TC26AK-11A423-NA TC26AK-11B212-NA TC26AK-11B232-NA TC26AK-11D221-NA TC26AK-11D241-NA TC26AK-1HB222-NA TC26AK-1HB224-NA TC26AK-1HD224-NA TC26AK-1JD224-NA TC26AK-21A222-NA TC26AK-1JB224-NA	TC26BK-11A442-IA TC26BK-11B212-IA TC26BK-11B232-IA TC26BK-21A222-IA TC26BK-1HB224-IA TC26BK-11D221-IA TC26BK-11A222-BR TC26BK-11A242-BR TC26BK-11A422-BR TC26BK-11A423-BR TC26BK-11A442-BR TC26BK-11B212-BR TC26BK-11B232-BR TC26BK-11D221-BR TC26BK-11D241-BR TC26BK-1HB224-BR TC26DK-11B212-TR TC26DK-11B232-TR TC26BK-11B212-TR TC26BK-11B232-TR TC26BK-11B212-RU TC26BK-11A222-RU TC26BK-11B232-RU TC26BK-11A422-RU TC26BK-11B212-ID TC26BK-11A222-ID TC26BK-11B212-XP TC26AK-1HD224-FT	
TC26 HC	TC26BK-1HD224-A6 TC26BK-1HB224-A6 TC26BK-1HB224-BR TC26AK-1HD222-NA TC26BK-1HB224-IA TC26AK-1JB224-NA TC26BK-1JB224-A6 TC26AK-1HD224-NA TC26AK-1HB224-NA KT-TC26AK-1HD224-FT TC26AK-1HB222-NA TC26AK-1JD224-NA KT-TC26BK-1HD224-PTTP1-A6 KT-TC26BK-1HD224-PTTP2-A6 KT-TC26BK-1HB224-PTTP1-A6 KT-TC26BK-1HB224-PTTP2-A6 KT-TC26AK-1HD224-PTTP1-NA	KT-TC26AK-1HD224-PTTP2-NA KT-TC26AK-1HD224-PTTP1-FT KT-TC26AK-1HD224-PTTP2-FT KT-TC26AK-1HD224-WFC1-NA KT-TC26AK-1HD224-WFC2-NA KT-TC26AK-1HD224-WFC1-FT KT-TC26AK-1HD224-WFC2-FT KT-TC26BK-1HD224-WFC1-A6 KT-TC26BK-1HD224-WFC2-A6 KT-TC26BK-1HB224-WFC1-A6 KT-TC26BK-1HB224-WFC2-A6	TC26 Home Page
TC77	TC77HL-5ME24BG-A6 TC77HL-5ME24BD-IA	TC77HL-5MG24BG-EA TC77HL-6ME34BG-A6	TC77 Home Page

	TC77HL-5ME24BG-FT (FIPS_SKU) TC77HL-7MJ24BG-A6 TC77HL-5ME24BD-ID TC77HL-5ME24BG-EA TC77HL-5ME24BG-NA	TC77HL-5ME24BD-BR TC77HL-5MJ24BG-A6 TC77HL-5ME24BG-RU TC77HL-5MJ24BG-NA TC77HL-7MJ24BG-NA	
TC77 – AR1337 Camera	TC77HL-5MK24BG-A6 TC77HL-5MK24BG-NA	TC77HL-5ML24BG-A6 TC77HL-5ML24BG-NA	TC77 Home Page
TC8300	TC83B0-x005A510NA TC83B0-x005A61CNA TC83BH-x205A710NA TC83B0-x005A510RW TC83B0-x005A61CRW TC83BH-x205A710RW TC83B0-x005A510IN TC83B0-x005A61CIN TC83BH-x205A710IN TC83BH-x206A710NA Note: 'x' Stands for wild card for different configurations	TC83BH-x206A710RW TC83B0-4005A610NA TC83B0-4005A610RW TC83B0-4005A610IN TC83B0-5005A610NA TC83B0-5005A610RW TC83B0-5005A610IN TC83B0-x005A510TA TC83BH-x205A710TA	TC8300 Home Page
VC8300 8"	VC83-08FOCABAABA-I VC83-08FOCQBAABA-I VC83-08FOCQBAABANA VC83-08SOCABAABA-I	VC83-08SOCQBAABA-I VC83-08SOCQBAABANA VC83-08SOCQBAABAIN	VC8300 Home Page
VC8300 10"	VC83-10SSCNBAABANA VC83-10SSCNBAABA-I	VC83-10SSCNBAABARU VC83-10SSCNBAABATR	VC8300 Home Page
WT6300	WT63B0-TS0QNERW WT63B0-TS0QNENA WT63B0-TS0QNE01 WT63B0-TX0QNERW WT63B0-TX0QNENA WT63B0-TS0QNETR	WT63B0-TS0QNERU WT63B0-TX0QNERU WT63B0-KS0QNERW WT63B0-KS0QNENA WT63B0-KX0QNERW WT63B0-KX0QNENA	WT6300 Home Page

Component Versions

Component / Description	Version
Linux Kernel	4.19.157-perf
AnalyticsMgr	10.0.0.1002
Android SDK Level	30
Audio (Microphone and Speaker)	0.30.0.0

Battery Manager	1.2.9
Bluetooth Pairing Utility	3.24
Camera	2.0.002
DataWedge	11.1.100
EMDK	11.0.118.4018
Files	r_aml_301501600
License Manager and License agent	6.0.8 and 6.0.23.5.0.1
MXMF	11.1.0.22
NFC	NFC_NCIHALx_AR18C0.b.1.0
OEM info	9.0.0.565
OSX	QCT. 110.11.10.9
RXlogger	7.0.1.0
ZWC	1.0.549
Scanning Framework	31.0.20.1
StageNow	5.4.0.14
WLAN	FUSION_QA_2_1.4.1.009_R (Wi-Fi5) FUSION_SA_2_1.4.0.005_R (Wi-Fi6)
WorryFree WiFi	WFW_A_2_6.3.0.009_R
Zebra Bluetooth	11.1.6
Zebra Volume Control	3.0.0.49
Zebra Data Service	10.0.4.1015
Embedded Controller Firmware	VC8300 8"/10": 3.3.01

Revision History

Rev	Description	Date
1.0	Initial release	February 09, 2022