

Release Notes – Zebra TC52/TC57 Android Oreo 01-13-21.00-ON-U22-STD Release (AOSP)

[Introduction](#)

[Description](#)

[Change Notes](#)

[Component Contents](#)

[Installation Requirements and Instructions](#)

[Device Compatibility](#)

[Known Issues and Limitations](#)

Introduction

The TC52 Touch Computer builds on the highly successful TC51 product, adding a new platform and new capabilities to deliver the ultimate in enterprise-class touch computing. You get the ultimate user experience — the simplicity of Android with all the business features workers need to maximize productivity and minimize process cycle times. You get the ultimate technology advancements on a cutting-edge platform, maximizing the benefits of mobility today, with the future proofing you need to serve your business tomorrow. You get the ultimate collection of value-add apps, Mobility DNA, with four new complimentary solutions that deliver unparalleled functionality — including the best possible WiFi performance, centralized control of the device update process, control over access to Google Mobile Services (GMS) and more.

Description

Android Oreo 01-13-21.00-ON-U22-STD is a maintenance OS release for TC52 and TC57. This release documentation contains the details of the OS release – features, instructions, component details, part numbers supported and known issues/limitations.

Change Notes

- Initial Release for China

Component Contents

Package Name	Description
HE_AOSP_FULL_PACKAGE_13_21_U00	Full Package Update includes all components
HE_AOSP_INCREMENTAL_UPDATE_13_21_U22	Incremental Update to bring device software to 13_01_U22

Component Version Info

Component / Description	Version
Product Build Number	X1-13-21.00-ON-U22-STD
Android Version	8.1.0
Security Patch level	1/1/2019
Linux Kernel	4.4.78
Android SDK Level	27
Platform (TI/MPA/QC etc)	QC SDM660
Bluetooth Stack	NA
Partition Table	NA
Flash Size	32 GB
GPU Version	OpenGL ES 3.2 V@269.0
RAM Size	4GB
ActiveEdge	2.5.16
AnalyticsMgr	2.4.0.1140
Audio (Microphone and Speaker)	0.27.0.0
Battery Management	Version: 1.4.2
Battery Swap	Version : 2.0.1
Bluetooth Pairing Utility	Version 3.14
Data Analytics	3.5.0.1048
DataWedge	7.2.5
Device Central	2.0.22.1
Diagnostic Tool	1.16.1.3
EMDK	7.2.2.2202

Enterprise Keyboard	2.0.1.9
Fota	1.0.0.3
MX	MXMF version:8.4.1.3
NFC	NFC_NCIHALx_ARC0.8.4.0
OSX	QCT.81.8.12.3
PTT Express	3.1.39
Rxlogger	Version 5.4.12.0
Scanning Framework	20.0.52.0
Simulscan	Version: 3.0.6 SimulScanEngine: 2.0.9
SMARTMU(WorryFree Wifi Analyzer WFW version)	WFW_QA_2_3.3.0.002_O
StageNow	Version 3.2.1.0
Touch Panel	2.0-Finger-1-0 for Thunder
WLAN	FUSION_QA_2_1.3.0.012_O
Zebra BlueTooth	1.3
Zebra Data Service	1.0.0.1002
Zebra Volume Control (ZVC)	2.1.0.15
Zebra Folders	8.1

Installation Requirements and Instructions

Instructions: https://www.zebra.com/content/dam/zebra_new_ia/en-us/software/operating-system/helios/oreo-os-update-instructions.pdf

Current Software on Device	Steps Needed to Move to This Release	Comments
Initial Release	HE_AOSP_FULL_PACKAGE_13_21_U00 followed by HE_AOSP_INCREMENTAL_UPDATE_13_21_U22	

Device Compatibility

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

Device Part Number	Operating System
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TC520K-2PEZU4P-CN	Android O

Known Issues and Limitations

1. WiFi sleep policy set to “Always” (Android O limitation)
2. When non-GMS device is in lockdown mode and the settings manager app is enabled, available Wi-Fi networks are “unavailable”. This feature is working on GMS devices.
3. In Do mode is CSP features are allowed to work, then the ZebraBluetooth app needs to be white listed by default. If not white listed listed all the Bluetooth CSP features will be affected and will not work as expected.
4. if ZebraBluetooth is white listed by default and if any of the Bluetooth CSP feature is configured, and when the ZebraBluetooth app is removed from white list again, then unless the app is white listed again the CSP features can not be configured/changed.

For further information on the product features, please refer to the product reference guide shared under the “Manuals” section on TC52 page.

https://www.zebra.com/us/en/support-downloads/mobile-computers/handheld/tc52.html#pageandfilelist_9cc

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