

Release Notes – Zebra TC72/TC77 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 TC72/TC77 builds on the highly successful TC7 Series family to create the ultimate ultra-rugged all-touch computer for all workers inside and outside the four walls – a smartphone experience for maximum simplicity, construction designed to withstand years of the toughest everyday use and abuse, and a new platform offering more capabilities than any other device in this class. The TC72 and TC77 – for a real competitive edge at the edge of your business, delivered.

Description

Android Oreo 01-13-21.00-ON-U22-STD is a maintenance OS release for TC72/TC77. 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 |
| Flash Size | 32 GB |
| GPU Version | OpenGL ES 3.2 V@269.0 |
| RAM Size | 4GB |
| 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 |
| MSRN | 2.0.1 |
| 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 |
|--------------------|------------------|
| | 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 TC72 page.

https://www.zebra.com/us/en/support-downloads/mobile-computers/handheld/tc72.html#pageandfilelist_c1b4

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