

# ***Release Notes – Zebra TC57 Android Oreo 01-12-01.00-OG-U16-STD Release (GMS)***

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## **Introduction**

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The TC57 Touch Computer builds on the highly successful TC56 product, adding a new platform and new capabilities to deliver the ultimate in enterprise-class touch computing. The TC57 provides all workers anywhere in the world with dependable cellular service. Support for carrier aggregation substantially improves application performance by increasing data capacity and speeds. And support for the powerful Public Safety LTE network provides the reliable communications first responders need, eliminating network congestion concerns and providing the interagency operation required for improved situational awareness. 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**

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Android Oreo 01-12-01.00-OG-U16-STD is the first software release for TC57. This release documentation contains the details of the OS release – features, instructions, component details, part numbers supported and known issues/limitations.

## Change Notes

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- Initial SW release on Android Oreo that supports TC57
- Integrates Zebra Value Adds as listed in the [Component Version Info](#) section

## Component Contents

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| Package Name                                | Description   |
|---|---|
| HE_RECOVERY_FULL_OSUPDATE_12_01_U00.ZIP     | Full Package Update includes all components         |
| HE_RECOVERY_OTA_DIFF_OSUPDATE_12_01_U16.ZIP | Mandatory Diff Package to update to U16             |
| Helios_O_EnterpriseReset_RevA.zip           | Enterprise Reset (Erases Data Partitions)           |
| Helios_O_FactoryReset_RevA.zip              | Factory Reset (Erases Data & Enterprise Partitions) |

## Component Version Info

| Component                      | Version   |
|--------------------------------|---|
| Build Number                   | X1-12-01.00-OG-U16-STD  |
| Android Version                | 8.1.0   |
| Linux Kernel                   | 4.4.78  |
| ActiveEdge                     | 2.5.16  |
| AnalyticsMgr                   | 2.4.0.1140  |
| Audio (Microphone and Speaker) | 0.20.0.0  |
| Battery Management             | Version: 1.4.2  |
| Battery Swap                   | Version : 1.0   |
| Bluetooth Pairing Utility      | Version 3.14  |
| Camera                         | Front Camera Version: OmniVision OV5675<br>Rear Camera Version: N-Semi AR1335 |
| Data Analytics                 | 3.4.0.1153  |
| DataWedge                      | 7.0.4   |
| Device Central                 | 1.0.6.2   |

|                            |   |
|----------------------------|---|
| Diagnostic Tool            | 1.16.0.1  |
| Display                    | Novatech-NT35590 for Thunder  |
| EMDK                       | 7.0.0.2000  |
| Enterprise Keyboard        | 1.9.0.9   |
| Fota                       | 1.0.0.3   |
| MSRN                       | 2.0.1   |
| MX                         | MXMF version:8.2.3.1  |
| NFC                        | NFC_NCIHALx_ARC0.8.4.0  |
| OSX                        | QCT.81.8.9  |
| PTT Express                | 3.1.39  |
| Rxlogger                   | Version 5.4.12.0  |
| Scanning Framework         | 20.0.36.0   |
| Simulscan                  | Version: 3.0.6<br>SimulScanEngine: 2.0.9  |
| SMARTMU[WorryFree]         | 3.2.12  |
| StageNow                   | Version 3.1.1.1019  |
| WLAN                       | FUSION_QA_2_1.1.0.006_O<br>Baseband Version: W181009A_3.1-00753<br><br>HW MBN: SS-LA-SDM660:08100000<br><br>AT&T: SW MBN: VoLTE-ATT:081f0334<br>VZW: SW MBN: SIM 0: CDMAless-Verizon:<br>08260126 |
| WWAN (Data & Voice)        |   |
| Zebra BlueTooth            | 1.3   |
| Zebra Volume Control (ZVC) | 2.1.0.11  |

## Installation Requirements and Instructions

[https://www.zebra.com/content/dam/zebra\\_new\\_ia/en-us/software/operating-system/helios/oreo-os-update-instructions.pdf](https://www.zebra.com/content/dam/zebra_new_ia/en-us/software/operating-system/helios/oreo-os-update-instructions.pdf)

## Device Compatibility

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

| Device Part Number | Operating System |
|--------------------|------------------|
| TC57HO-1PEZU4P-A6  | Android O        |

|                   |           |
|-------------------|-----------|
| TC57HO-1PEZU4P-NA | Android O |
| TC57HO-1PEZU4P-EA | Android O |

## Known Issues and Limitations

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1. T-Mobile/Sprint are not yet supported.
2. WiFi sleep policy set to "Always" (Android O limitation)
3. Following Features are not supported in this release
  - a. Subnet Roam
  - b. WiFi Restricted UI

12/05/2018