Release Notes - Zebra TC57 Android O – LifeGuard Update 12 Release

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Introduction

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

Android Oreo "LifeGuard Update 12" (Build Number: 01-13-20.00-OG-U12-STD) release documentation contains the details of the OS release – features, instructions, component details, part numbers supported and known issues/limitations.

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

Component Version Info.

Component / Description	Version
Build Number	01-13-20.00-OG-U12-STD
AnalyticsMgr	2.4.0.1140
Audio (Microphone and Speaker)	0.23.0.0
Battery Management	Version: 1.4.2
Bluetooth Pairing Utility	Version 3.14
Camera	Front Camera Version: OmniVision OV5675 Rear Camera Version: NA
Zebra Data Services (ZDS)	3.4.0.1180
DataWedge	7.2.5
Device Central	1.0.6.2
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:8.3.0.4
OSX	QCT.81.8.9.7
Rxlogger	Version 5.4.12.0
Scanning Framework	20.8.47.0
Security Patch Level	January 1, 2019
WorryFree Wifi Analyzer	3.2.13
StageNow	3.2.1.0
WLAN	FUSION_QA_2_1.2.0.006_O
Zebra BlueTooth	1.3
Zebra License Manager	3.1.1
Zebra Volume Control (ZVC)	2.1.0.15

1. **CFE v12 Updates:**
   - ❖ CFE_HELIOS_01-13-20.00-OG-U12-STD.zip

   This CFE is applicable for 01-13-20.00-OG-U00-STD BSP version.

   1. **Android Security Patch Level: January 1, 2019.**
      Use the below link to see the Android Security bulletin for more information:
      https://source.android.com/security/bulletin/

   2. The CFE Package 'CFE_HELIOS_01-13-20.00-OG-U12-STD.zip' includes the following updated components.
      - DataWedge 7.2.5 (For more details, please refer *http://techdocs.zebra.com*)
      - EMDK 7.2.2.2202 (For more details, please refer *http://techdocs.zebra.com*)
      - Zebra Volume Control (ZVC) 2.1.0.15 (For more details, please refer *http://techdocs.zebra.com/mx/audiovoluimgr/*)
      - OEMConfig 8.4.0.1 (For more details, please refer *http://techdocs.zebra.com/emmtk/2-0/guide/oemdev/*)
      - Diagnostic Tool 1.16.1.3

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

Installation Instructions & Requirements

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

Downloadable Software Included in this Release

Filename	Description
CFE_HELIOS_01-13-20.00-OG-U12-STD.zip	CFE package update software

Known Issues and Limitations

1. WiFi sleep policy set to "Always" (Android O limitation).
2. GMS Restricted Mode is introduced in this release. Customers using Enable/Disable GMS apps may want to consult the settings types for App Manager, Power Manager and GMS Manager in

[Zebra's Tech Docs](#). Functionality originally in Enable/Disable GMS apps (App Manager) has been moved to GMS Restricted Mode (GMS Manager).

For further information on the product features, please refer to the product reference guide shared under the "Manuals" section on TC57 page.

[https://www.zebra.com/us/en/support-downloads/mobile-computers/handheld/tc57.html#pageandfilelist_9cc](#)

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