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# Release Notes - Zebra TC72 Android O – LifeGuard Update 12 Release

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## Introduction

The TC72/TC77 builds on the highly successful TC7x 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.

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## 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.

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## 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/>

- 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/audiovoluumgr/>)
- 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
TC720L-0ME24B0-A6	Android O
TC720L-0ME24B0-NA	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](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).
3. DataService popup observed while creating a "New User" in Users & Accounts.

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

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