

Release Notes – Zebra TC77 Android Oreo 01-12-01.00-OG-U16-STD Release (GMS)

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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 01-12-01.00-OG-U16-STD is the first software release for 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 SW release on Android Oreo that supports TC77
- Integrates Zebra Value Adds as listed in the [Component Version Info](#) section

Component Contents

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 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 SimulScanEngine: 2.0.9
SMARTMU[WorryFree]	3.2.12
StageNow	Version 3.1.1.1019
WLAN	FUSION_QA_2_1.1.0.006_O
WWAN (Data & Voice)	Baseband Version: W181009A_3.1-00753 HW MBN: SS-LA-SDM660:08100000 AT&T: SW MBN: VoLTE-ATT:081f0334 VZW: SW MBN: SIM 0: CDMAless-Verizon: 08260126
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

Device Compatibility

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

Device Part Number	Operating System
TC77HL-5ME24BG-A6	Android O
TC77HL-5ME24BG-NA	Android O

Known Issues and Limitations

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

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