
Release Notes - TC55CH GMS Android JellyBean (GA) SW V1.09.00G

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Introduction

TC55CH is a ruggedized device based on Android for the enterprise market that blends the capabilities of a smart phone with those of a traditional enterprise PDA.

TC55CH has a number of enterprise-grade features, including a touch-screen that can be used with gloves, support for stylus input for signatures, barcode capture capability and IP67 rating for dust and water protection.

It also features Motorola Extensions (MX) to make the Android operating system more enterprise ready, with security enhancements and hooks for device management tools, and is designed for a longer lifecycle than the typical smart phone.

TC55CH is designed in response to customer feedback from using consumer-grade smart phones in the workplace, especially with the bring-your-own-device (BYOD) trend, where employees use their own choice of device for work.

With TC55CH the workers can capture practically any type of data — from bar codes and signatures to photos, videos and NFC — improving on the job efficiency and customer service. The screen is optimized for Enterprise viewing, helping ensure the battery lasts a full shift.

And with a drop, tumble and environmental sealing specification you can count on, it has the durability required to serve your field workers for years.

The TC55CH is only supported on the Verizon network in the USA. It will work on LTE, EVDO, and 1xRTT. This is a Data Only product and has no voice call capability.

Enterprise Mode

TC55CH standard configuration (GMS build) is by default (out of box) configured as:

- 100% Google CTS requirement compliant
- Enterprise Mode disabled

MSI provides [EnterpriseEnabler](#) package to grant full permissions to MSI enterprise features (e.g., MX, Datawedge, etc).

It is required to apply EnterpriseEnabler package to access full MSI enterprise features!

Description

This release is based on 1.07.01G and includes following changes:

- Added support for eMMC (Flash Memory)
- Added backrev prevention logic to avoid JB 01.07 build or earlier OS

1. JellyBean 4.1.2
2. Kernel v3.4.0
3. DataWedge v2.2.9
4. Scanning Framework 1.19.P03
5. MSP v7.08.67
6. MX 3.2.2-6
7. WiFi/BT FW M8960AAAAANAZW1040010
8. RIL 1.0.111
9. Modem PI-20015107.31

Contents

T55N1JEXCRUEN10900.zip	TC55CH OS Recovery Update package
T55N1JEXCRFEN10900.zip	TC55CH Factory Reset package
T55N1JEXCREEN10900.zip	TC55CH Enterprise Reset package
T55N1JEXCAUEN10900.apf	TC55CH OS Recovery Update Airbeam package
T55N1JEXCAFEN10900.apf	TC55CH Factory Reset Airbeam package
T55N1JEXCAEEN10900.apf	TC55CH Enterprise Reset Airbeam package

Device Compatibility

This software release is approved for use with the following devices.

Device P/N	Operating System
TC55CH-G011EE	JellyBean 4.1.2
TC55CH-G011ES	JellyBean 4.1.2
TC55CH-GC11EE	JellyBean 4.1.2
TC55CH-GC11ES	JellyBean 4.1.2

Installation Requirements

- This SW is intended for TC55CH device running JellyBean Android

Installation Instructions

OS Recovery Update

- Connect the USB cable from your PC to the device and enable USB mass storage mode on the device.
- On your PC you should see an internal and external USB mass storage drive (SD card) appears in the File Explore and copy the recovery update zip file and and EnterpriseEnabler zip file to any storage.
- Press and hold on the device the Power button, Scan/Action button and Vol+ until the screen is turned OFF
- Release the Power and Scan/Action buttons and continue to hold Vol+ button
- The device should enter to Recovery update mode

- Release Vol+.
- Click on Vol+ or Vol- to navigate and select appropriated storage
- Click on on Scan/Action button to select the option
- Click on Vol+ or Vol- to navigate to the recovery update zip file
- Click on on Scan/Action button to select the recovery update zip file
- Do following steps to enable enterprise mode to access full MSI enterprise features
- Press and hold on the device the Power button, Scan/Action button and Vol+ until the screen is turned OFF
- Release the Power and Scan/Action buttons and continue to hold Vol+ button
- The device should enter to Recovery update mode
- Release Vol+
- Click on Vol+ or Vol- to navigate and select appropriated storage
- Click on Vol+ or Vol- to navigate to the EnterpriseEnabler zip file.
- Click on Scan/Action button to select the EnterpriseEnabler zip file
- Click on Vol+ or Vol- to navigate to reboot and select it
- After reboot and device will be ready to use.

Part Number and Release Date

T55N1JEXCRUEN10900

T55N1JEXCRFEN10900

T55N1JEXCREEN10900

T55N1JEXCAUEN10900

T55N1JEXCAFEN10900

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