



MC9200 OPERATING SYSTEM BSP 02.13.1108 - RECOVERY UPDATE PACKAGE RELEASE NOTES

INTRODUCTION

The MC9200 rugged mobile computer, the next generation of the industry leading gold standard for mobility, has evolved to meet changing business needs, bringing you the same signature rugged design, best-in-class barcode scanning and dependable operation. Now with the power to run applications with highly intuitive interfaces, the MC9200 will further simplify processes and increase worker productivity in your toughest environments.

Recovery update package v02.13.1108 contains the MC92 revC software. The key software updates include

- Support for Kepler scan engine SE4850.
- Ethernet support on cradle CRD9101-4001ER.
- EMDK API for serial communication to support serial printers.
- Pre-installed 'All Touch Terminal Emulator' Terminal Emulator client and a Battery Manager Application.

MC9200 Android release v02.13.1108 provides Recovery update packages for installing the OS release. Packages for performing Factory and Enterprise resets can be taken from previous releases, as there is no change in that.

This software is intended to be loaded and run on specific MC92N0 SKU devices. It is important that care be taken to match the device configuration with the appropriate Recovery update package. If an incorrect Recovery update package is loaded, the device may not boot. Please refer to the device compatibility section below for more details of the supported SKUs.

COMPONENT DESCRIPTION AND VERSION

Build_version	02-13-08-4AJ22-K-00-M1-110816
Android_version	4.4.4



Android_SDK_Level	19
OSX	TI_OSX_4.5-2
Linux_kernel	3.4.48
Wifi	FUSION_A_4.01.0.0.011
Platform	TI -omap44430 - 4AJ22
Scanning Framework	6.30.0
DWDEMO	2.0.7
MXMF	5.0.1.4
SPAM	4.1
EA	2.56
Touch	Semtech SX8651
Bluetooth_Stack	4
Partition table	NA
Flash_Size	4G
RAM_Size	1G
RIL_Version	NA
BT_Pairing_Utility	3.3
MSP_Agent_RD	7.08.85
Datawedge	3.3.12
PTT	3.1.20
RxLogger	3.0.0.52



MLogManager	6.52
StageNow	2.2.1.1445
B2M_Elemez	1.0.0.260
Data_Analytics	1.0.2.1495
App_Gallery	2.2.0.1
SOTI	12.2.0 Build 23434
EMDK	6.1.1.0
ZVC	1.1.15
file_browser	1.13
Battery_Manager	1.2
Terminal_Emulation	2.0.16.4933
All Touch Terminal Emulator	1.2.100

FEATURES ADDED/SUPPORTED

New Features:

- Support for Kepler scan engine SE4850.
- Ethernet support on cradle CRD9101-4001ER.
- EMDK API for serial communication to support serial printers.

General SPRs fixed:

- SPR-28611 - The devices inbuilt scanner locks up.
- SPR-30166 - UPCE0 barcode identified as UPCE1 on first scan, DW Crash when scanning other UPCE0 barcodes using the UPCE1 decoder.
- SPR-28904: MC92N0 5250 backtab issue.
- SPR-29735 - Limit eMMC MAX operating frequency to 52MHz.



Special Notes:

- MC92 continues to have the original Terminal Emulation (Green screen Android TE) pre-installed and pre-licensed. The new All touch terminal emulator (ATTE) Velocity client is also pre-installed but not pre-licensed. To use ATTE, go to Wavelink or App Gallery to download ATTE demo license key which provides the key code valid for 30 days.

COMPONENT RELEASE NOTES

Only major features since last release

Scanner Framework 6.30.0:

New Features:

- Added support for Kepler in Scanner Framework.

SPRs fixed:

- SPR 28611
- SPR 30166

Terminal Emulation 2.0.16:

New Features:

- Bug fixes.

All Touch Terminal Emulator 1.2.100:

EXCLUSIONS

MC9200 SKUs with the following scan engines are not supported in this release

- SE4600, SE4500 DL, SE4500 DPM

CONTENTS

1. M92N0KXXXRUxx31108.zip - Recovery OS Update package

DEVICE COMPATIBILITY

This software release has been approved for use with the following devices. Note that all MC92 keypad types are supported with this release so the keypad type identifier is shown as 'x' (e.g. GA0SYxAA6WR) in the below device list.

Device P/N	Operating System
	KitKat 4.4.4



MC92N0- GA0SYxAA6WR	
MC92N0- G30SYxAA6WR	
MC92N0- GM0SYxAA6WR	
MC92N0- GL0SYxAA6WR	
MC92N0- GJ0SYxAA6WR	
MC92N0- GP0SYxAA6WR	

INSTALLATION REQUIREMENTS

1. The software update requires a supported MC9200 SKU hardware device as listed in the Device Compatibility section
2. Enterprise Reset and Factory Reset package files are available on the MC92 Utilities Download section on Zebra.com

INSTALLATION INSTRUCTIONS

OS Recovery Update Package (SD card method)

1. Copy the recovery update zip file to a SD card.
2. Remove the MC92 keypad (the device will suspend), insert the SD card, replace keypad.
3. Press power key to resume device.
4. Press and hold the Power button on the device until the Device options menu appears.
5. Tap on Reset to reboot the device.
6. When the device is rebooting hold the gun scan trigger to enter Recovery update mode.
7. When the Recovery Mode home screen (Android logo) appears then release the gun scan trigger.
8. Use keypad arrow keys to select “apply update from sdcard” option
9. Press keypad Enter key to select the option
10. Use keypad arrow keys to select recovery update zip file.
11. Press keypad Enter key to select the recovery update zip file.
12. Press keypad Enter key to select “reboot system now” to reboot the device.



OS Recovery Update Package (USB method)

1. Connect MC9200 to PC via USB (note, PC must support MTP).
2. Copy the recovery update zip file to the internal memory of the MC9200. The internal memory will be shown in PC file browser as MC92N0\Internal storage.
3. Press and hold the Power button on the device until the Device options menu appears.
4. Tap on Reset to reboot the device.
5. When the device is rebooting hold the gun scan trigger to enter Recovery update mode.
6. When the Recovery Mode home screen (Android logo) appears then release the gun scan trigger.
7. Use keypad arrow keys to select “apply update from emulated storage” option
8. Press keypad Enter key to select the option
9. Use keypad arrow keys to select recovery update zip file.
10. Press keypad Enter key to select the recovery update zip file.
11. Press keypad Enter key to select “reboot system now” to reboot the device.

Note: Battery must be 30% charged to perform update

PART NUMBERS

1. M92N0KXXXRUxx31108.zip

RELEASE DATE

November 18, 2016