
MC67NA Release Notes v 03.46.39

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Introduction

Give your field workforce all the tools they need to work faster and smarter with the rugged 4G HSPA+ MC67. What can workers do with the MC67? Everything they need to get the job done. Access information in almost any backend system. Scan practically any bar code. Call a customer with an updated arrival window. Capture documents to enrich business intelligence and simplify recordkeeping. Take and send video and photos for real-time repair support. All at 4G HSPA+ speed. So whether your mobile workforce is fixing equipment, making deliveries, taking orders, performing inspections or issuing citations, they'll have all the tools they need to improve task efficiency, task accuracy and customer service, all in a single super-rugged device.

Description

- Fusion Software 2.01.0.0.078R
- MSP Client v07.08.42
- WEHH 6.5 Professional AKU 29202 (5.3.12.25)
- Doc Capture 2.0
- DataWedge 3.6.10
- EA 2.54
- FPGA ver. 2.19
- WWAN FW version 3.001
- Audio version 18.84.10
- RIL 02.05.13.02

Contents

- 67NAw65HenZP034639.ZIP There are 2 packages included in a ZIP file - Partition Table & FPGA as one package and OS package along with instructions.
- 67NAw65HenAB034639.ZIP A package file for OS package, WAN Firmware and Audio update deployment using AirBeam. Package includes the Upload instructions for MSP installation. AirBeam

Device Compatibility

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

Device	Operating System
MC67NA	Microsoft WEHH 6.5 Professional

Installation Requirements

1. MC67NA device must contain a released version of Microsoft WEHH 6.5 Professional

Installation Instructions

If you had [CFE v1.3](#) installed, please run MasterUpdateCleaner.exe from \Application folder before upgrade. To update your MC67 WM 6.x device to a newer version of the Rev C OS

1. OS Package update
 - Please see INSTRUCTIONS.txt which is part of 67NAw65HenZP034639.ZIP.
2. MSP OS Package update
 - Please see MC67_MSP_Installation_Instructions which is part of 67NAw65HenAB034639.ZIP for update through MSP.

Changes and Fixes

General:

- Support for Ortus display driver.
- Fix for Internet Sharing on Windows 7 PC is not working.
- Increased off-screen memory to overcome bitmap allocation errors when compared with MC65.
- Update to DATAWEDGE V3.6.10
- Added MC67 display identification - OS downgrade fail safe mechanism
- MC67 RevC numeric keypad change - blue /orange key behavior
- Removed MS "Marketplace" icon from Windows->Start Menu programs.
- Fixed issues with Inconsistent charging
- Fixed an issue where QWERTY keypad using the # and * hardware keys are not recognized by phone systems.
- Fixed the issue where sometimes backlight applet crashes.
- Included eMscript and CaptureDump tools as part of OS.
- Fixed the issue where keylight does not stay off
- Fix for Memory Leak while in idle mode.
- Keypad arrow keys are not working in Power key action window.
- Fixed elevated system Idle current after first suspend/resume.
- Keylight will be set to disabled by default.
- Fix for issue where Charging LED goes off when in powered cradle (single or 4 slots cradle).
- Fix for Motion sensor sends empty data at start
- Fix for Keypad arrow keys are not working in Power key action window.
- Fix for Incorrect system RAM size
- Fix for Device hang while installing or uninstalling Rho application.
- Terminal suspend current improvement
- ActiveSync cannot connect after reboot in USB Serial profile
- Clean App is been included part of OS update package but not in pkgs.lst

WAN:

- New Ril Version 2.5.13.2
- New firmware Release 3.01
- Fix for issue where SMS messages gets deleted after cold boot.
- Fix for Unit with WWAN data, after suspension you must try 2 or 3 times to resume via power key
- Data connection settings need to be established automatically and become active after tech switch.

- Automatic Network Selection feature needs to have the capability to disable the feature at run time.
- Fix for No clearly indication of failure when change of PIN2, when blocked (Code)
- WAN Radio recycled automatically on MC67 while making an outgoing phone call with BT headset connection.
- Increase module delay time to cover all modems
- Fix for issue where Radio turning ON/OFF by itself
- Fix for Phone dialer becomes unresponsive for few minutes

Camera & Scanning:

- Enable Hardware beep for scanning out of box on Rev C Hardware.
- Reduced successful decode green LED on time to 100ms.
- Increase the Beeper Volume to 3.
- Unable to resume the device after scanning the barcode through RS507 and suspend the device.
- Reduce successful decode green LED on time to 100 ms in Datawedge.

SD Card related fixes:

- SD card not being remounted after suspend/resume or on battery swap
- SD card contents are not getting refreshed after resume

GPS:

- Fixed the miscalculation in GPS date reporting.

IST Applet:

- Power Management tab, Display off or Suspend options not responding on Face Down.
- IST settings window will clip if device display is changed from portrait to landscape and vice versa.

WLAN:

- Fusion X2.01 78R.
- MU not taking the changes made to fusion options from MSP server.
- Fusion X2.01 49 release threshold level did not meet the EU requirements.
- Fix for MU taking a long time to change channels & start scanning.
- MU not taking the changes made to fusion options from MSP server.

Bluetooth:

- Fix for an issue where Bluetooth pairing barcode was displayed while device BT radio was in OFF state.

Scanning:

- Fix for Scan beam intensity reduction when battery swap option is chosen & device is resumed.
- Changed Decode LED time from 3 sec to 500ms to save power and time to standby 5ms.

Compass:

- Fixed an issue where even after calibration eCompass shows the wrong geomagnetic coordinate.
- Fixed the issue with eCompass screen, calibration doesn't persist and there is no warning message.

SPR Fixes:

- SPR 23241 Archive PixDLL 5.15.13.130 to Fix -FNC1_QR_O2 for MPA3
- SPR 25537 New Bluetooth driver for MC67
- SPR 25207 GPS stop working with customer Yodel.
- SPR 25362 Battery swap GUI doesn't appear after editing the battery swap options.
- SPR 24738 Device back light is enabled every time device synchronized with Microsoft Exchange
- SPR 25132 Scanner issue - Laser beam stays on

- SPR 24916 Continuation Of MC67 Blackscreen While Taking a Snapshot Cascade Failure
- SPR 24804 Fix for the MC67 Color camera takes much longer time to capture images compared to other devices
- SPR 23513 Battery optimization
- SPR 24752 MC67 RevB OS- not seeing SD card during staging Sandisk SDSDQ-4096
- SPR 24245 Suspend / Resume Lockup during normal operation (I2C)
- SPR 24133 Strings inside the SIM Toolkit are truncated
- SPR 24395 MC67 scanning lock up
- SPR 24771 MC67 black screens and/or customer app hangs up when taking picture.
- SPR 24811 Freeze with SQL DB test app running after 2nd power key suspend
- SPR 24235 Charging LED off when in powered cradle (single or 4-slot cradle)
- SPR 24863 Set TimeZone to GMT+8 Perth will + 1 hour than normal hour
- SPR 24172 ScanSample2/DataWedge application locks up with wired RS507 and scanner stops decoding barcodes if RS507 trigger is keep on pressing and releasing before RS507 scanner is initialised properly.
- SPR 25537 MC67NA - Zebra MZ320 BT dropout after suspend-resume

Part Number and Release Date

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