
Release Notes - MC18 CE7 - 04.57.00

[Introduction](#)

[Description](#)

[Contents](#)

[Device Compatibility](#)

[Installation Requirements](#)

[Installation Instructions](#)

[Part Number and Release Date](#)

Introduction

MC18 is the Next Generation version of earlier PSS series of mobile computer MC17. MC18 provides its users rich shopping experience with its high-resolution display, capacitive touch panel, better processing capabilities and enhanced connectivity.

Description

1. Operating System: CE7.0
2. CPU OMAP4430 ES 2.3
3. Boot loader 1.06.00
4. Rapid Deployment 7.08.77
5. Bluetooth: StoneStreetOne: BT Explorer 2.1.1 Build 28342
6. PTT/Team Express v1.1.71.0000
7. MobiControl Stage v12.4.0
8. DataWedge v3.7.20
9. Fusion Radio SW Version 2.03.0.0.028R

Enhancements

1. QFE June2018 Build2883 Update 68
2. Transport Layer Security (TLS) 1.2 is enabled (as part of QFE June2018 Build2883)
3. Device Diagnostic Tool 2.0.0

SPR Fixes:

- SPR 34726: Added Support for flash health monitor tool to retrieve flash id details for new 15nm emmc chips.
- SPR 35497: Resolved an issue wherein device reported exhibiting inconsistent FT roams within a MIST Systems cloud-based wireless environment

- SPR 34688: Resolved an issue wherein device was unable to connect to localized SSID.
- SPR 34954: Resolved an issue wherein english image was not able to render some of the localization language scripts.
- SPR35900: Resolved an issue wherein WLAN 802.11n having low throughput.
- SPR 32569: Resolved an issue wherein device was unable to suspend when Soti agent is installed.

Please add the below registry to the device to fix the SPR 32569.

```
[HKEY_LOCAL_MACHINE\Comm\CXPort]
"NoIdleTimerReset"=dword:00000001
```

Note:

Default Beeper volume has been reduced when Datawedge is used to save Battery Power. To increase the Beeper Volume, Open Datawedge->Advanced Configuration->Profiles->Profile0->Input ->Scanner->MegaPixelImager ->More->Feedback->Good Decode->Beeper->Volume (Set the volume to 3).

Keep pressing back & click 'Exit' to save the settings.

Contents

1. 18X0C70BENUP045700.zip - OSUpdate Package contained in a ZIP file.
2. 18X0C70BENAB045700.zip - Package file for deployment using AirBEAM.
3. 18X0c70BENOS045700.hex - OS hex binary image file

Device Compatibility

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

Device	Operating System
MC18	Windows CE 7.0 Premium SKUs: MC18A-00-01 MC18A-00-10 MC18G-00-01 MC18G-00-10

Installation Requirements

MC18 device must contain released version of CE7.0 Software.

Installation Instructions

1. Unzip ZIP file and copy its content (OSUpdate folder) to the \temp folder
2. Place the device to be upgraded on A/C power supply.
3. Navigate to the \Temp\OSUpdate folder and invoke the 18X0c70Ben_TEMP shortcut

The update may take around 5 minutes to complete. Please do not remove the device from A/C power during this time.

Important Note:

1. If the device has a **Tianma display** then the device is not allowed to downgrade to any of these earlier images

Rev A (01.48.17) - Rev A1 (01.48.28) - Rev A2 (01.48.29) - Rev A3 (01.48.37).

2. If the device has a **Sharp Rev C display** panel then the device is only downgradable to Rev A3 (01.48.37) or higher versions.

To find the display present in the terminal, Go to System Info Applet on the device by navigating to Start->Settings->Control Panel->'System Info Applet' ->'Config Info' Tab.

If the 'Display Type' is shown as LQ040Y3DX80B, it is a Sharp RevB Panel.

If the 'Display Type' is shown as LQ040Y3DX80C, it is a Sharp RevC Panel.

If the 'Display Type' is shown as TM040DYHG36, it is a Tianma Panel.

Note: RevA(01.48.17)/A1(01.48.28)/A2(01.48.29) OS images are obsolete now. Downgrading to any of these earlier released OSUpdate Package is not recommended.

OS version 02.57.03 is obsolete & superseded by 02.57.05. It is strongly recommended that if you are using 02.57.03, please upgrade to 02.57.05 / 02.57.07/03.57.01.

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March 08, 2019