

Release Notes

Version 1.1.3 of Windows Mobile® 6.1 Operating System for the Allegro MX Field PC

February 2009

These release notes describe important information for Release 1.1.3 of Windows Mobile 6.1 for the Allegro MX Field PC.

You can download the latest release from the following website:

<http://www.junipersys.com/support/support.cfm>

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System Requirements

This operating system installs on the Allegro MX Field PC and requires boot loader 4.4 or higher.

New Features

The following features are new in version 1.1.3 of the Allegro MX operating system.

- **Version 1.1.3 of the operating system is available in Chinese Traditional.** This release corrects a technical issue that prevented release of the Chinese Traditional ROM image in the previous release.
- **Kiosk Mode Battery Set Support.** Applications which take full control of the user interface now have a method for preventing the Charge Settings (formerly “New Battery Detected”) pop-up window.
- **Control panel applet for function keys.** A permanent control panel applet is provided in place of the previous separate utility for setting the state of the top custom function keys on the hardware keyboard.
- **Windows Start key is programmable.** The Windows Start key can be programmed for a customized action.

Installation Instructions

Installation instructions are provided online at the following URL:
<http://www.ultraruggedfieldpc.com/OSInstallInstructions.pdf>

Important Notes

- **Wi-Fi connection may be disabled automatically when using ActiveSync® over a USB or serial connection.** This can be changed by altering the options in ActiveSync®.

- **Models with integrated Bluetooth do not support the use of a third party Bluetooth adapter.** An Allegro MX with integrated Bluetooth may not operate as expected when a third party Bluetooth adapter is installed in the device.
 - **Models with integrated Wi-Fi do not support use of a third party Wi-Fi adapter.** An Allegro MX with integrated Wi-Fi may not operate as expected when a third party Wi-Fi adapter is installed in the device.
 - **Clean boot does not erase the /Storage folder.** When a clean boot is performed on the device, the /Storage folder will not be erased.
 - **Technical differences between Allegro MX and Allegro CX can be found at this URL:**
<http://www.junipersys.com/support/faq.cfm?id=223>
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Resolved Issues

These issues are resolved in version 1.1.3 of the Operating System.

- A possible conflict between certain types of PCMCIA cards and the integrated Wi-Fi adapter is resolved [M1555].
- The Bluetooth DUN connection now works with cell phones [M1449].
- The issue that prevented the release of the Traditional Chinese build of the operating system is resolved [M1591].
- Functionality to allow kiosk mode applications to set and close the battery charge dialog is now implemented [M1640]. Information about how to implement this functionality is provided in an FAQ on our web site:
<http://www.junipersys.com/support/faq.cfm?id=169>
- Users are able to select the function key mode in the control panel which addresses issues with applications that did not have the ability to automatically change the function key mode (such as PocketDOS) [M1390, M1427, M1581]
- The serial port driver priority is now set correctly, fixing potential problems with data loss and slow transfer speeds [M1670].
- Improvements for manufacturing purposes have been implemented in the NAND internal flash memory driver.

- Keyboard issues are fixed. The Blue + ALT keys no longer return an unexpected key code [M1675]. Shift keys no longer generate unexpected key codes [M1648].
- The National Instruments PCMCIA cards (used in the Data Acquisition Expansion Pod and OEM expansion pods) now works correctly [M1605].
- Certain COM port numbers were not available for use (such as for Bluetooth SPP), and those issues have been corrected to make these port numbers available [M1621, M1625, M1676]
- IRDA no longer appears in the printer port list [M1541].

Known Issues

These issues are open in this version of the operating system.

#	Issue	Workaround
1364	User manual does not indicate how long to hold the CTRL-ALT-DEL or CTRL-ALT-2 keys when performing a Clean Boot or Storage Clean operation.	The user should press and hold the keys until the first splash screen appears.
1667	When connected to wall power, the battery may not charge when Field PC is in suspend mode. This may happen if the user does not set or dismiss the battery charge dialog that appears when a battery is installed or the unit is reset.	If the battery charge dialog appears, the user needs to select an option and tap ok. The battery charge settings are accessible through Start > Settings > System tab > Power > Charge Settings tab.
1402	The Windows Mobile Bluetooth manager only recognizes one serial port on a Bluetooth GPS receiver that provides access to multiple serial ports.	A software application must compensate for this as explained in the FAQ document at the following URL: http://www.junipersys.com/support/faq.cfm?id=191
1436	Function keys do not immediately work with some	Refer to the FAQ document at the following URL:

	third party software.	http://www.junipersys.com/support/faq.cfm?id=211
1529	If the microSD card is swapped, the device may not recognize that the card has changed and will show files from the old card.	Suspend and resume the device while the microSD card is not present and then insert the new card, or reset the device.
1218	The "Unrecognized Card" window may pop up after resume if the unit goes through rapid suspend/resume cycles.	Tap cancel and the window will disappear, suspend and resume the Field PC, but do not suspend the Field PC again until several seconds after the previous resume.
1291	Some USB flash drives do not work with the Allegro MX. Flash drives found not to work include the Gizmo® by Crucial, Inc.® and the Cruzer Titanium® drive from SanDisk®.	Refer to the online FAQ to identify models of flash drives that have been tested: http://www.junipersys.com/support/faq.cfm?id=152
1510	When synchronizing notes, some notes may not synchronize on the device.	None.
1586	The "New Modem Detected" message appears when a PCMCIA card is inserted into the device, even when the card is not a modem.	Tap the "dismiss" button and then the card can be used normally. More information about this and other card device behaviors is provided at: http://www.junipersys.com/support/faq.cfm?id=205
1645	When creating a Bluetooth partnership with a device that does not require a passkey, the Microsoft drivers used by the built-in Bluetooth module will still require a passkey to be entered.	Information about solutions and workarounds can be found in these URLs: http://www.junipersys.com/support/faq.cfm?id=203 http://www.junipersys.com/support/faq.cfm?id=124 http://www.junipersys.com/support/faq.cfm?id=116
1646	A modem in the Field PC may require additional dialing	None. Workarounds may be available from specific

	strings to establish a connection. Windows Mobile 6 does not provide a place to enter the additional modem strings.	OEM/resellers who use modems that require additional dialing strings.
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