


# XP-8X4X-Atom-CE6 OS Version 1.1.0.0

## Release Notes

Release Date: Feb. 21, 2013

### Key Features:

Features	Supported	Description
OS Language	Yes	Windows CE 6.0 Multi-language Edition <ul style="list-style-type: none"><li>● English</li><li>● French</li><li>● German</li><li>● Italian</li><li>● Russian</li><li>● Spanish</li><li>● Japanese</li><li>● Korean</li><li>● Simplified Chinese</li><li>● Traditional Chinese</li></ul>
.NET Compact Framework 3.5	Yes	
SQL CE 3.5	Yes	SQL CE 3.5 (3.5.5386.0)
FTP Server	Yes	
HTTP Server	Yes	
Telnet	Yes	
Printer	Yes(PCL 6)	Support for HP Laser Jet printers using USB and Ethernet interfaces
Touch Panel	Yes	Support for touch panels using RS-232 and USB interfaces
Multi-Serial Port Communication Module 	Yes	A maximum of 28 external COM ports can be added to an XP-8x4x-Atom-CE6. (e.g., 7 modules * 4 ports per module = 28 ports)  I-8112iW (RS-232 *2), I-8114W (RS-232 *4), I-8114iW (RS-232 *4), I-8142iW (RS-485 *2), I-8144iW (RS-485 *4)

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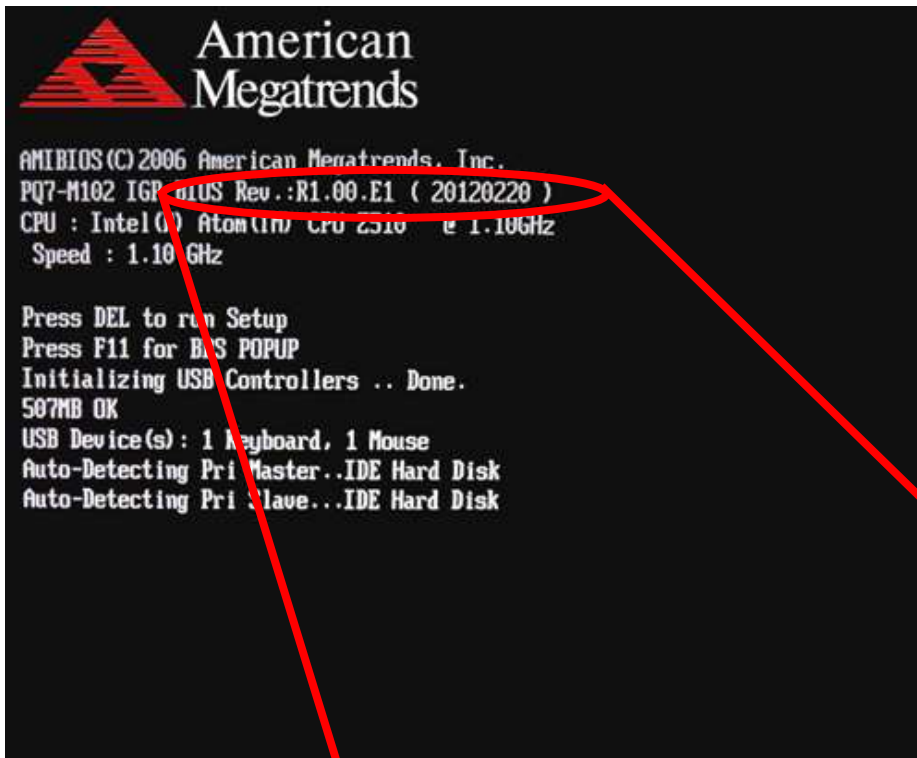
## OS and BIOS Compatibility

BIOS Version OS Version	R1.00.E0	R1.00.E1 and later
OS 1.0.0.1 and later	<b><i>Not working</i></b>	<b>OK</b>
OS 1.0.0.0	OK	OK

\* See page 4 for details of how to determine the current BIOS version for your controller

## How to Determine the BIOS Version

1. Power on the XP-8000-Atom-CE6 module and press the "Pause Break" key to suspend the boot process.
2. Determine the BIOS version, as shown below:



## OS Version 1.1.0.0 Release Notes

The issue related to detecting CF card after booting has been solved and support has been added for version 2.20 of the I-8144iW hardware. Note that the version 1.1.0.0 of the OS requires BIOS version: R1.00.E1. The BIOS version can be determined from the display during the initial boot up, as described on page 4.

### New Feature

- Support has been added for version 2.20 of the I-8144iW hardware.

### Bug Fixes

- In the previous version, the CF card sometimes wouldn't be detected after booting. This issue has been solved in the latest version of the OS.

### Toolkit Changes

All previous SDK packages have been unified and a new SDK has been created, known as the PACSDK.

The PACSDK.dll is linked to C programs for the XPAC series and replaces the previous SDK, XPACSDK\_CE.dll. The PACNET.dll is used for .Net CF programs (C#, VB) for both the XPAC and WinPAC series and replaces the previous SDKs, XPACNET.dll and WinPACNET.dll.

For more details, refer to Appendix C, "What's New in PACSDK" in the PAC API user manual, which can be found at:

[http://ftp.icpdas.com/pub/cd/xpac-atom-ce6/document/sdk/pac\\_standard\\_api\\_manual\\_1.1.0.pdf](http://ftp.icpdas.com/pub/cd/xpac-atom-ce6/document/sdk/pac_standard_api_manual_1.1.0.pdf)

- **PACSDK DLL Version 4.2.3.5 [Feb.18, 2013 ]**
  - ◆ Fixed an issue where calling the pub\_GetSerialNumber function caused the Hardware WDT to malfunction.
  - ◆ Fixed an issue with the pac\_WriteAO\_MF, pac\_WriteModulePowerOnValueAO\_MF and pac\_WriteModuleSafeValueAO\_MF functions when reading or writing data in single channel AO modules.
  - ◆ Added the pac\_ReadAO\_MF, pac\_ReadModulePowerOnValueAO\_MF and pac\_ReadModuleSafeValueAO\_MF functions.
  - ◆ Fixed an issue where calling the pac\_ReadDIO function to read data caused an error to occur on 8-channel DI modules.
  - ◆ Updated the pac\_GetModuleName function to support 87K series modules, XW512F, XW315W, XW511, XW110i and XW608.

■ **PACNET DLL version 2.1.0.4 [Feb. 21, 2012]**

- ◆ Added the ReadAO\_MF, ReadModulePowerOnValueAO\_MF and pac\_ReadModuleSafeValueAO\_MF functions.