

XP-8X4X-Atom-CE6 OS Version 1.2.0.0

Release Notes

Release Date: May 21, 2013

Key Features:


Features	Supported	Description
OS Language	Yes	Windows CE 6.0 Multi-language edition <ul style="list-style-type: none">● English● French● German● Italian● Russian● Spanish● Japanese● Korean● Simplified Chinese● Traditional Chinese
.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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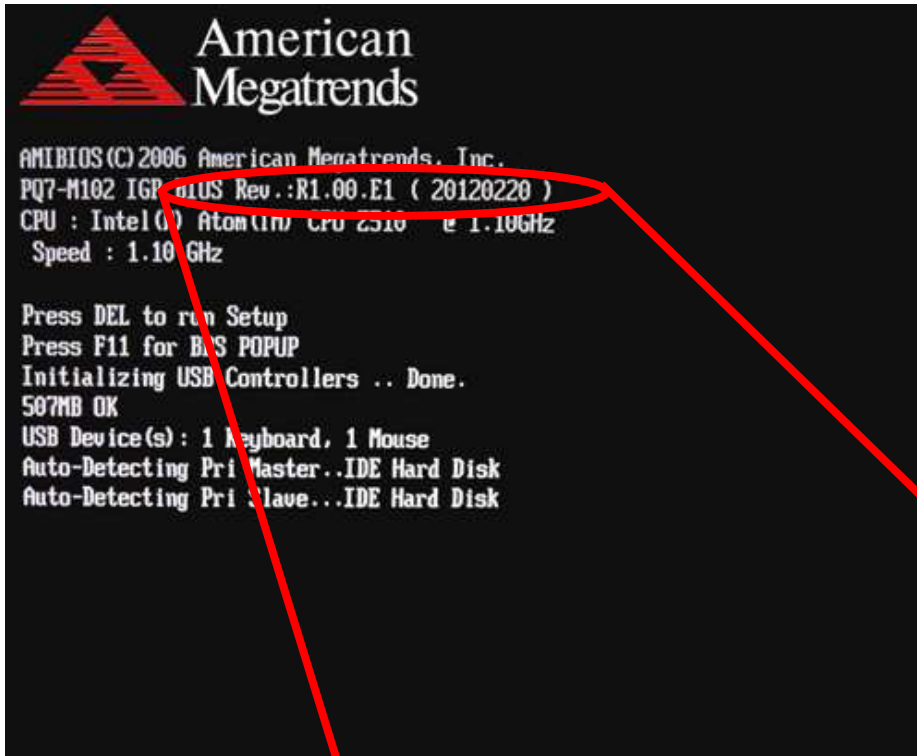
OS and BIOS Compatibility

OS Version \ BIOS Version	R1.00.E0	R1.00.E1 and later
OS 1.0.0.1 and later	<i>Not working</i>	OK
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 then press the "Pause Break" key to suspend the boot process.
2. Determine the BIOS version, as shown below:



OS Version 1.2.0.0 Release Notes

The latest version of the OS fixes an issue when the interrupt retrigger function caused an error in the I-8K module and another issue that caused the registry to be restored to the factory default settings. Note that OS version 1.2.0.0 requires BIOS version R1.00.E1 or later. The BIOS version can be determined from the display during the initial boot up, as described on page 4.

New Feature

- The file system for the on board disk has been changed to FAT32 so that the full 8GB of disk.

Bug Fixes.

- Closed the interrupt retrigger function before the OS booting phase to avoid affecting the operation of I-8K modules with interrupt functions.
- Fixed an issue that sometimes caused the system to detect the wrong rotary switch ID during the OS booting phase which meant that the system registry settings where restore to the factory default value.

Toolkit Changes

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

The PACSDK.dll applies to C programs for the XPAC series replaces the previous SDK, XPACSDK_CE.dll. The PACNET.dll applies to .Net CF programs (C#, VB) for both the XPAC and WinPAC series 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

- **PACSDK DLL Version 4.2.3.7 [May 21, 2013]**
 - ◆ Fixed an issue with the Pure_ReadModuleSafePowerOnValueDO function that occurred with when DO modules 16 channels.
- **PACNET DLL version 2.1.0.5 [May. 21, 2013]**
 - ◆ Fixed an issue with the GetErrorMessage function that returned an error message.