


# XP-8X3X-CE6 OS Release Note,

## Version 1.8.0.0 [Oct, 15, 2021]

OS 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>● German</li><li>● Russian</li><li>● French</li><li>● Spanish</li><li>● Japanese</li><li>● Italian</li><li>● Simplified Chinese</li><li>● Traditional Chinese</li><li>● Korean</li><li>● Portuguese</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 with 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-8x3x-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 Version 1.8.0.0 [Oct., 15, 2021]

This version of the OS is added to support version 2.40 of the I-8144iW hardware and version 1.40 of the I-8114iW hardware.

<b>PAC OS</b>	<b>I-8114iW PCB Version</b>	
Version	V1.30 and earlier	V1.40 and later
Ver. 1.7.0.0 and earlier	Yes	No
Ver. 1.8.0.0 and later	Yes	Yes

<b>PAC OS</b>	<b>I-8144iW PCB Version</b>	
Version	V2.30 and earlier	V2.40 and later
Ver. 1.7.0.0 and earlier	Yes	No
Ver. 1.8.0.0 and later	Yes	Yes

### New Features

- Supports version 2.40 of the I-8144iW hardware and version 1.40 of the I-8114iW hardware.

## OS Version 1.7.0.0 [Mar., 11, 2021]

This latest version of the OS fixes a bug that occurs when LAN2 uses the SMB protocol and cause a shutdown, and the .net framework program doesn't show the complete error message.

### Bug Fixes

- In the previous version, the LAN2 use SMB protocol and will cause a shutdown. This issue has now been fixed in the updated version of the OS.
- In the previous version, the .net framework program didn't show the complete error message. This issue has now been fixed in the updated version of the OS.

### Software Tool Changes

- **XPAC Utility Version 1.2.7.8 [ Mar. 11, 2021 ]**
  - ◆ The write method for modifying the IP settings for a R6040 network card.

## OS Version 1.6.0.0 [Nov., 5, 2019]

This latest version of the OS fixes a bug where the OS can't be started after an OS WDT reset, The OS network settings for the WinGRAF redundancy function is also modified.

### **New feature**

- Modified the OS network settings, for the WinGRAF redundant function.

### **Bug Fixes**

- In the previous version, the OS couldn't be started after an OS WDT reset. This issue has now been fixed in the updated version of the OS.

### **Software Tool Changes**

- **XPAC Utility Version 1.2.7.7 [ Oct. 17, 2019 ]**
  - ◆ The write method for modifying the IP settings for WinGRAF redundant function has been amended, This modification will not affect the general use.

## OS Version 1.5.0.0 [Aug., 5, 2019]

This latest version of the OS fixes the bug that trigger the slot 0 interrupt on the backplane driver.

### **Bug Fixes**

- In the previous version, the backplane driver had a bug related to slot 0 processing, sometimes triggering the slot 0 interrupt. The XP-8000 series doesn't have a slot 0, so the backplane driver needs to ignore the slot 0 interrupt.

### **Software Tool Changes**

- **XPAC Utility Version 1.2.7.6 [ Aug. 1, 2019 ]**
  - ◆ Added a work schedule function.

## OS Version 1.4.0.0 [May., 19, 2019]

This latest version of the OS fixes the bug that setting the IP address in the "Control Panel" meant that the IP address couldn't be modified in the XPAC Utility.

### **Bug Fixes**

- In the previous version, setting the LAN configuration in the "Control Panel" meant that the LAN configuration couldn't be modified in the XPAC Utility. This issue has now been fixed in the updated version of the OS.

### **Software Tool Changes**

- **XPAC Utility Version 1.2.7.41 [ May 29, 2019 ]**
  - ◆ Modified the reboot function.

## OS Version 1.3.0.0 [May., 24, 2018]

This latest version of the OS now allows the name of the multi-serial port to be modified to MSA, MAB, MSC and MSD, as well as fixes the bug that meant the Backplane timer couldn't be used.

### New features

- For compatible XP-8000-CE6 and XP-8000-Atom-CE6 software, the name of the multi-serial port can be set to MSA, MSB, MSC and MSD.

### Bug Fixes

- In the previous version, the backplane timer couldn't be used. This issue has now been fixed in the updated version of the OS.

### Software Tool Changes

- **XPAC Utility Version 1.2.7.4 [ May 22, 2018 ]**
  - ◆ The name of the multi-serial port can be modified to MSA, MAB, MSC and MSD.
- **PACSDK DLL Version 4.4.1.1 [ May 22, 2018 ]**
  - ◆ Fixed the issue with the backplane timer function that meant it couldn't be used for the XP-8x3x-CE6.



## OS Version 1.2.0.0 [Dec., 1, 2017]

This latest version of the OS now fixes a bug where the LED wouldn't turn on or off during the boot stage, fixed bug that meant that audio couldn't be play, fixes an issue related to the system time that meant that it wouldn't synchronize with the time server and fixes bug where the default input language can't be changed.

### Bug Fixes

- In the previous version, the LED wouldn't turn on/off during the boot stage, This issue has now been fixed in the updated version of the OS.
- In the previous version, an incorrect register setting meant that the audio couldn't be played. This issue has now been fixed in the updated version of the OS.
- In the previous version, an incorrect register setting meant that the system time couldn't be synchronized with the time server. This issue has now been fixed in the updated version of the OS.
- The default input language in the previous version was Traditional Chinese, but this setting wouldn't allow the input language to be modified. This issue has now been fixed in the updated version of the OS where the default input language has been modified to English, which will allow the input language to be changed to other languages.

### Software Tool Changes

- **XPAC Utility Version 1.2.7.3 [ Nov. 1, 2017 ]**
  - ◆ Removed the COM4 RS-232/RS-485 switching function.
- **PACSDK DLL Version 4.4.1.0 [ Nov. 1, 2017 ]**
  - ◆ Fixed a bug that meant buzzer wouldn't work.
  - ◆ Fixed the pac\_LEDEnables function where the argument for the XP-8x3x-CE6 was wrong.

## OS Version 1.1.0.0 [Sep., 28, 2017]

This latest version of the OS now includes support for multi language input and a Russia software keyboard, as well as support for multi-serial port modules (I-8112iW \ I-8114W \ I-8114iW \ I-8142iW and I-8144iW).

### New Feature

- Support for multi-serial port modules (I-8112iW \ I-8114W \ I-8114iW \ I-8142iW and I-8144iW).
- Added support for Italian, German, Spanish, Portuguese and Russian language input.
- Added a Russian software keyboard

### Software Tool Changes

- **XPAC Utility Version 1.2.6.0 [ Sep. 28, 2017 ]**
  - ◆ Fixed an issue when setting the IP address for LAN1.
  - ◆ Add support setting of multi-serial port for XP-8x3x-CE6.
  
- **PACSDK DLL Version 4.3.1.0 [ Sep. 28, 2017 ]**
  - ◆ Increased the watchdog timeout range support to 512 seconds.

## OS Version 1.0.0.1 [May., 18, 2017]

This latest version of the OS now includes an update that allows interrupts to be used on the backplane and fixes an issue related to LAN1 when sending/receiving UDP packets.

### **New Feature**

- Added support for interrupts on the backplane, The XP-8x3x-CE6 can now be used with modules that need an interrupt function module (e.g. I-8048w).

### **Bug Fixes.**

- In the previous version, there was an issue that caused LAN1 to shutdown when sending/receiving UDP packets. This issue has now been fixed in the updated version of the OS.

### **Software Tool Changes**

- **XPAC Utility Version 1.2.6.0 [ May. 12, 2017 ]**
  - ◆ Fixed an issue with the XPAC Utility read/write register.
  - ◆ Fixed an issue when setting IP address for LAN2.
- **DCON Utility Version 1.0.0.0 [ May. 12, 2017 ]**
  - ◆ Updated the I/O driver.

**OS Version 1.0.0.0 [March, 1, 2017]**

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