



XP-9171-WES7/XP-9371-WES7/XP-9771-WES7

1/3/7-slot Metal Standard PAC with E3827 CPU and WES7

Features

- Windows Embedded Standard 7 SP1 x86 (32-bit)
- Intel® Atom™ E3827 1.75 GHz
- 2 GB DDR3 SDRAM
- 32 GB SSD
- VGA / HDMI Display Output
- 2x 10/100/1000M Ethernet Ports
- Redundant Power Input



Introduction

The XP-9171-WES7/XP-9371-WES7/XP-9771-WES7 are WES7 based PACs that combine computing, I/O, and operator interface into a single unit, and provide the perfect solution for integrating HMI, data acquisition and control in an individual PAC. It is equipped with an Intel E3827 CPU, 1/3/7 I/O expansion slots and a variety of connectives including dual Gigabit Ethernet, VGA , USB port, RS-232 and RS-485 interface. Local I/O slots are available to use our I-9K and I-97K series I/O modules and remote I/O expansions are available to use our Ethernet I/O modules and RS-485 I/O modules.

Since WES7 has the same Win32 API as Windows 7, most popular applications on desktop can run on WES7 based Panel PC.

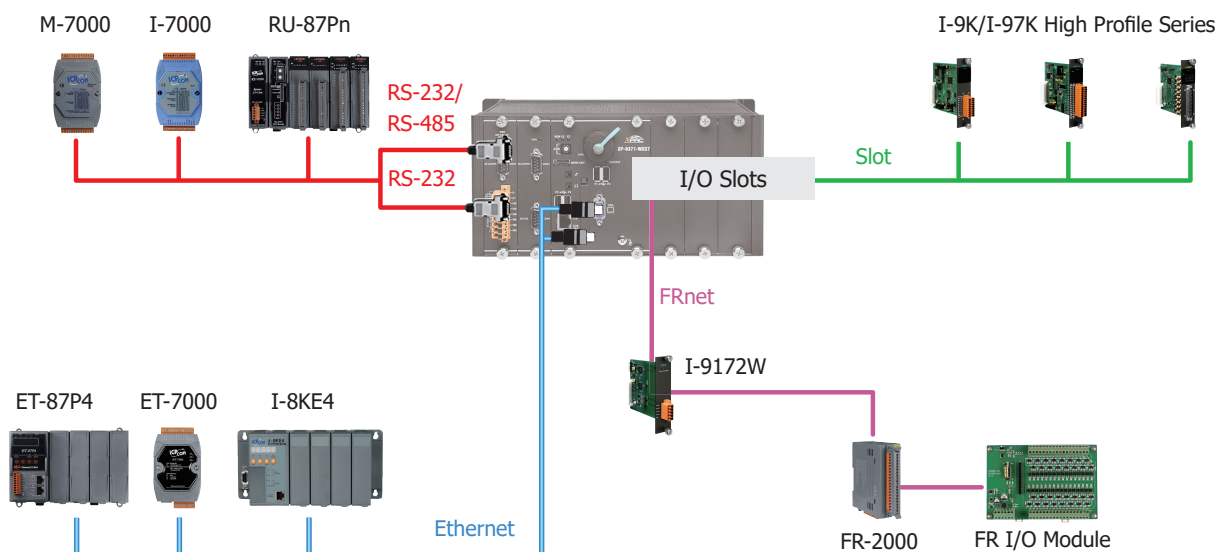
Windows Embedded Standard 7.0



Most of the popular features in Windows software are included, such as EWF (Enhanced Write Filter), Remote Desktop Connection, IIS, ASP/ASP.NET, .NET Framework 4.5 and also supports rich development software solutions, such as VS 6.0, VS.NET, VB, Delphi, BCB, InduSoft.

- Full Win32 API
- Remote Desktop Protocol 5.1
- Silverlight 5
- Enhanced Write Filter
- .NET Framework 3.5, 4.0, 4.5, 4.7

Applications

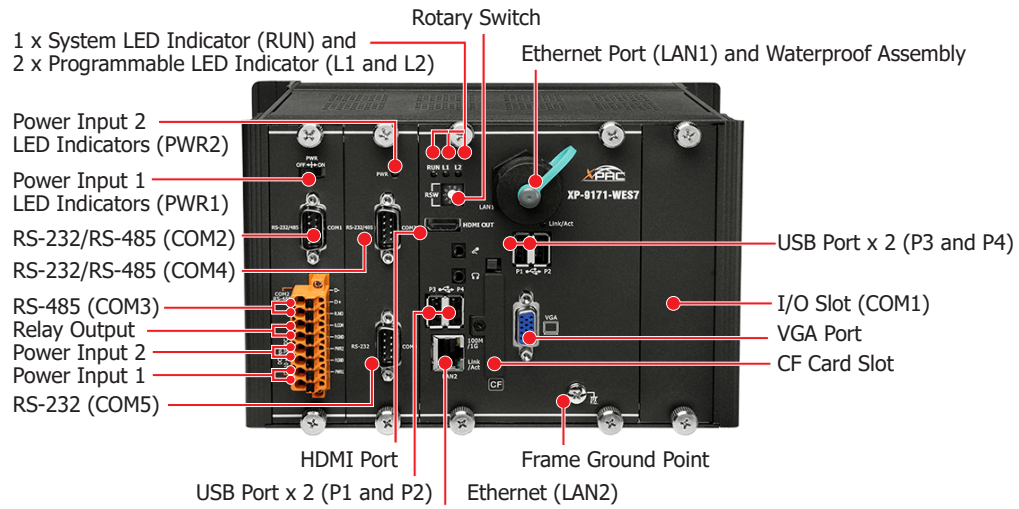


Specifications

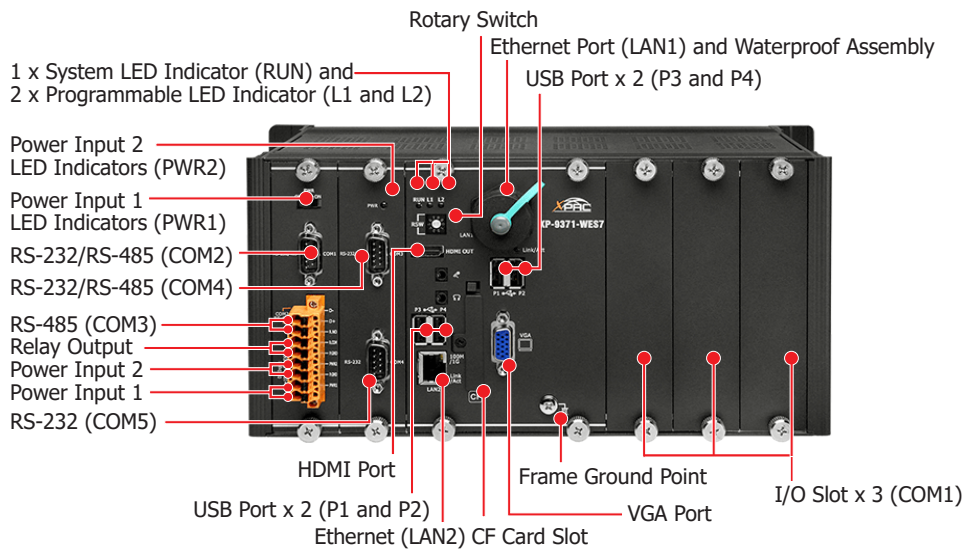
Model	XP-9171-WES7		XP-9371-WES7	XP-9771-WES7
Software				
OS	Windows Embedded Standard 7 SP1 x86 (32-bit)			
Service	IE11, FTP Server, IIS 7.0, ASP (Java Script, VB Script)			
Framework Support	.Net Framework 3.5, 4.0, 4.5, 4.7			
Multilanguage Support	English, German, French, Spanish, Portuguese, Russian, Italian, Korean, Japanese, Simplified Chinese, Traditional Chinese			
SDK Provided	DII for VC, DII for Visual Studio.Net			
Main Unit				
CPU	E3827, 1.75 GHz, 64-bit dual core			
64-bit Hardware Serial Number	Yes, for software copy protection			
System Memory	2 GB DDR3 SDRAM, 32 GB Flash			
Storage	32 GB SSD, 16 GB CF card			
Non-Volatile Memory	128 KB MRAM, 16 KB EEPROM			
Real Time Clock	Provide seconds, minutes, hours, dates, day of week, month, year			
Watchdog Timer	Dual Watchdog Timer			
Display				
Signal	VGA, HDMI			
Resolution	1280 x 1024 ~ 1920 x 1080 (16 : 9), 640 x 480 ~ 1024 x 768 (4 : 3)			
LED Indicators				
Status	1 x System, 2 x Power, 2 x Programmable			
I/O Expansion				
I/O Type	I-9K, I-97K series			
Slots	1	3	7	
COM Ports				
Ports	1 x RS-232 (3000 VDC Isolated), 1 x RS-485 (3000 VDC Isolated), 2 x RS-232/RS-485 (3000 VDC Isolated)			
HMI				
Buzzer	Yes			
Rotary Switch	1 x 10 Position (0 ~ 9)			
Audio				
Cable	Microphone-in and Earphone-out			
Ethernet				
Ports	2 x RJ-45, 10/100/1000 Base-TX			
USB				
Ports	4 x USB 2.0			
Power				
Capacity	3.7 A, 5 V supply to CPU and backplane, 3.3 A, 5 V supply to I/O expansion slots, 35 W in total	3.8 A, 5 V supply to CPU and backplane, 3.2 A, 5 V supply to I/O expansion slots, 35 W in total	4.0 A, 5 V supply to CPU and backplane, 3.0 A, 5 V supply to I/O expansion slots, 35 W in total	
Input Range	+10 ~ 30 VDC (1 kV Isolated)			
Redundant Power Inputs	Yes, with one power relay (1 A @ 24 VDC) for alarm			
Consumption	16.6 W (0.69 A @ 24 VDC)	16.8 W (0.7 A @ 24 VDC)	18 W (0.75 A @ 24 VDC)	
Mechanical				
Dimension (W x L x H)	239 x 164 x 133 mm	300 x 164 x 133 mm	422 x 164 x 133 mm	
Installation	DIN-Rail, Wall mounting			
Environmental				
Operating Temperature	-25 ~ +75 °C			
Storage Temperature	-30 ~ +80 °C			
Humidity	10 ~ 90 % RH (non-condensing)			

Appearance

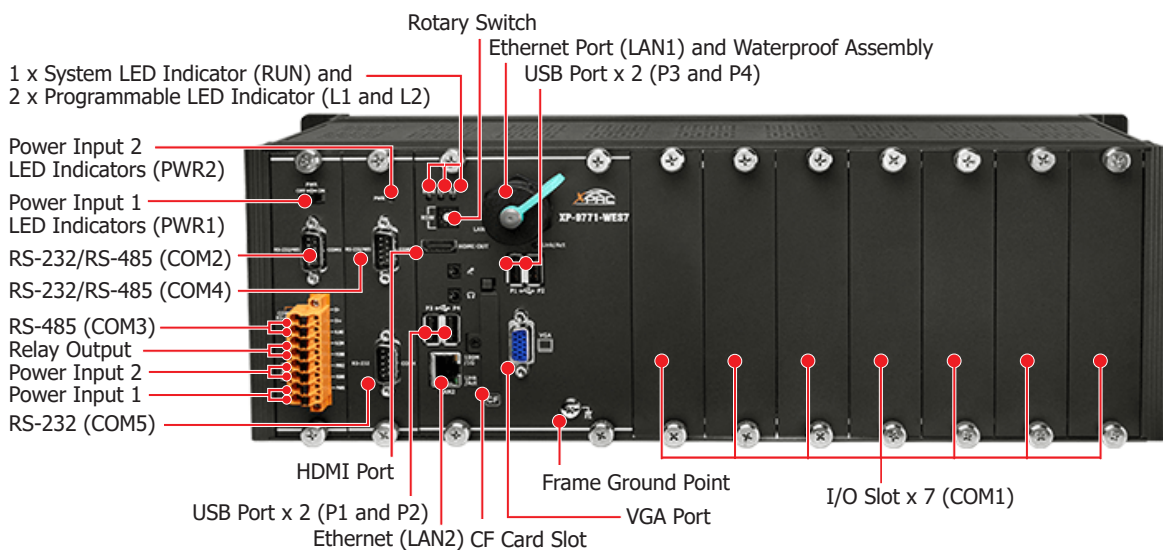
XP-9171-WES7



XP-9371-WES7

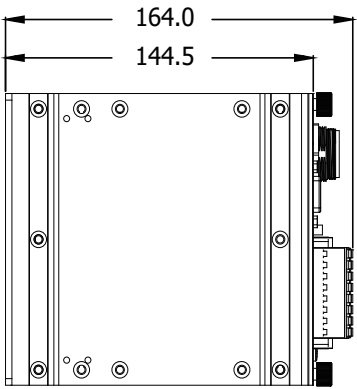


XP-9771-WES7

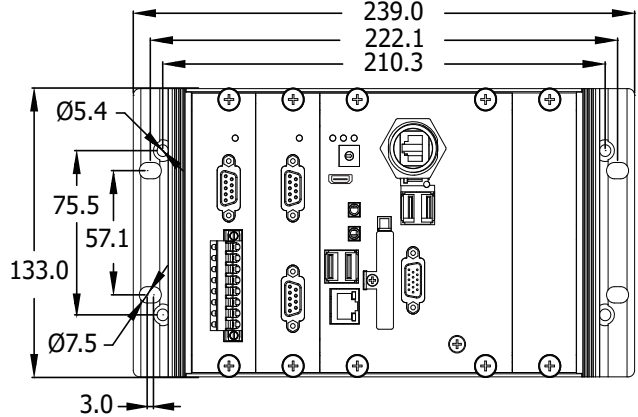


■ Dimensions (Units: mm)

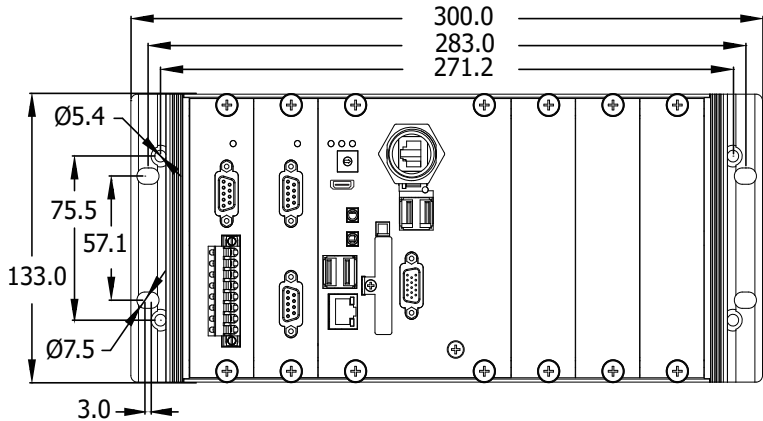
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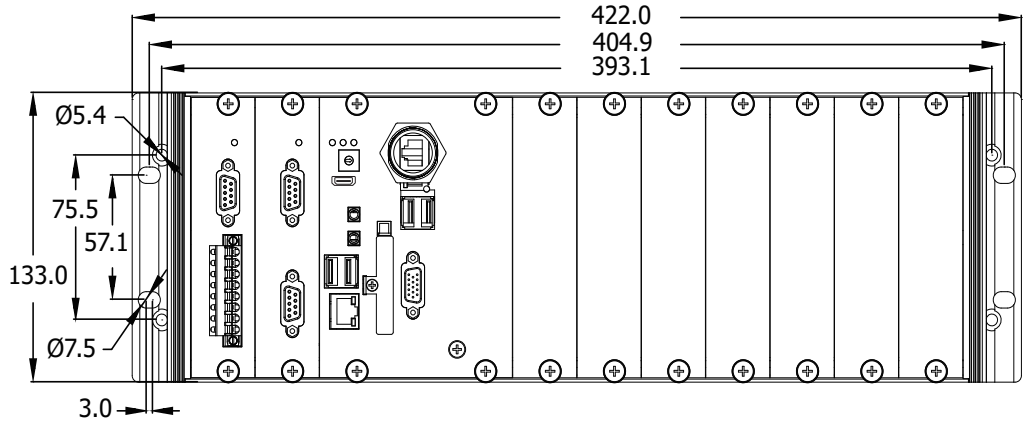
XP-9171-WES7



XP-9371-WES7



XP-9771-WES7



■ Ordering Information

XP-9171-WES7 CR	1-slot Metal Standard PAC with E3827 CPU and WES7 (RoHS)
XP-9371-WES7 CR	3-slot Metal Standard PAC with E3827 CPU and WES7 (RoHS)
XP-9771-WES7 CR	7-slot Metal Standard PAC with E3827 CPU and WES7 (RoHS)