

XP-9161-IoT11-M1/XP-9361-IoT11-M1/ XP-9761-IoT11-M1

1/3/7-slot Metal Standard PAC with Intel® Atom™ x7211RE CPU and Windows 11 IoT Enterprise LTSC

Features

- Windows 11 IoT Enterprise LTSC (64-bit)
- Intel® Atom™ x7211RE (1.0 ~3.2 GHz Turbo, Dual-core)
- 8GB DDR5 SDRAM
- 1x256GB eMMC, 1 x CFast card slot, 1 x M.2 PCIe slot (Accessories : Key M/KEY B/Key E)
- VGA / HDMI Display Output
- 1 x 10/100/1000M, 1 x 10/100/1000/2500M Ethernet Ports
- Redundant Power Input

Introduction

The XP-9000-IoT11 are Windows 11 IoT Enterprise LTSC 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® Atom ™ x7211RE 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 Ethernet I/O modules and RS-485 I/O modules.

Windows 11 IoT Enterprise LTSC runs on 64-bit x86 platform with support for both Universal Windows App and Classic Windows applications.

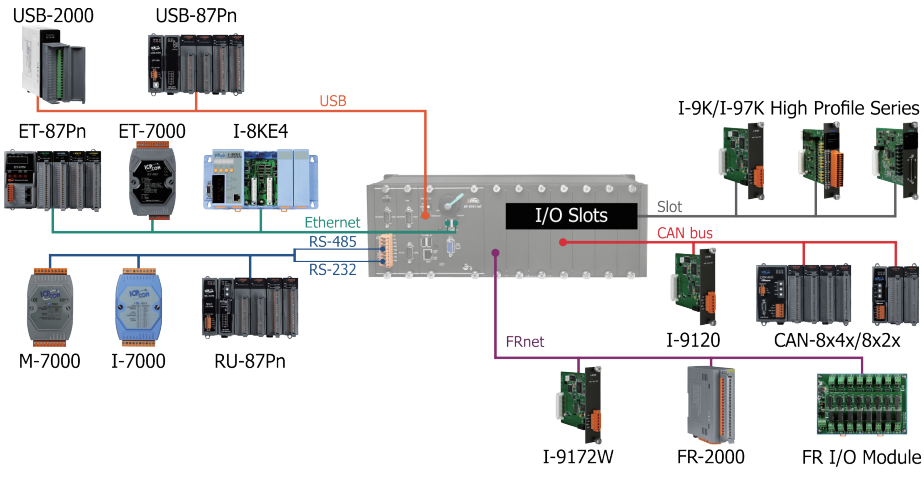
Windows 11 IoT

Windows 11
IoT Enterprise LTSC

Windows 11 IoT Enterprise is the latest evolution in the Windows IoT family, bringing next-generation power, security, and manageability to the Internet of Things. Built on the same foundation as Windows 10 IoT, it leverages Windows' extensive ecosystem and cloud connectivity while introducing a modernized user experience and enhanced security standards. It allows organizations to build secure, high-performance IoT solutions that are easily provisioned, managed at scale, and seamlessly integrated into a comprehensive cloud strategy.

- Modernized Windows Interface: Optimized for modern interaction while retaining familiar desktop and lockdown capabilities.
- Advanced Lockdown & Security: Enhanced hardware-based security requirements to ensure chip-to-cloud protection.
- Full Framework Support: Native support for UWP, WinForms, WPF, and WinUI 3 for building rich, modern applications.
- Improved Efficiency: Optimized performance on modern silicon and improved support for containerized workloads.

Applications



LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

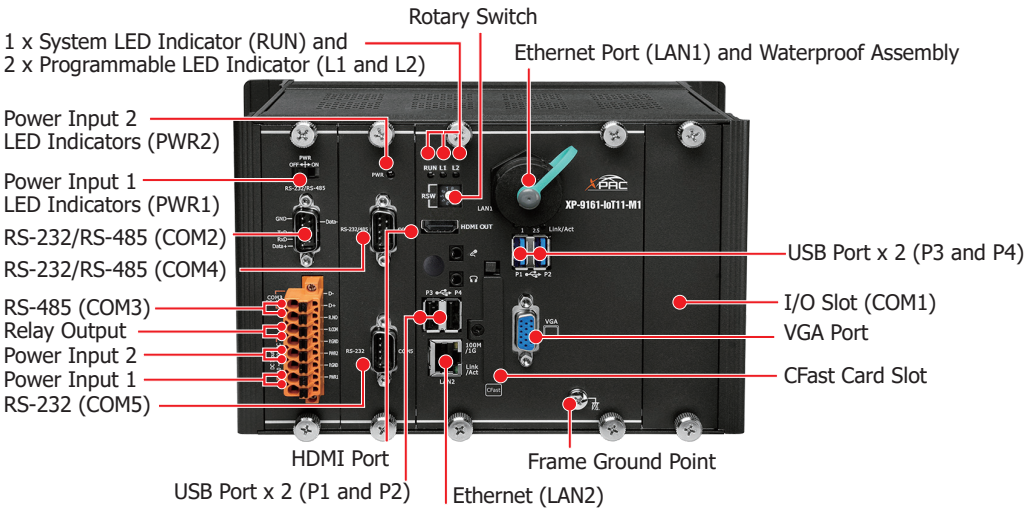
Specifications

Model	XP-9161-IoT11-M1	XP-9361-IoT11-M1	XP-9761-IoT11-M1
Software			
OS	Windows 11 IoT Enterprise LTSC (64-bit)		
Framework Support	.Net Framework 3.5 ~ 4.8.1, .NET 6/8		
Multilanguage Support	English, German, French, Spanish, Portuguese, Russian, Italian, Korean, Japanese, Simplified Chinese, Traditional Chinese		
SDK	Dll for VC, Dll for Visual Studio.Net		
Main Unit			
CPU	Intel® Atom ™ x7211RE CPU (1.0 ~3.2 GHz Turbo, Dual-core)		
64-bit Hardware Serial Number	Yes		
System Memory	8 GB DDR5 SDRAM		
Storage	1x 256 GB eMMC		
	1x CFast card slot, 1 x M.2 PCIe slot (Accessories : Key M/KEY B/Key E)		
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	VGA 1280 x 1024 ~ 1920 x 1080 (16 : 9), 640 x 480 ~ 1024 x 768 (4 : 3) HDMI 2560 x 1600 @ 24bpp		
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	1 x RJ-45, 10/100/1000M 1 x RJ-45, 10/100/1000/2500M		
USB			
Ports	4 x USB 2.0		
Power			
Input Range	+10 ~ 30 VDC (1 kV Isolated)		
Redundant Power Inputs	Yes		
Consumption	18.5 W	18.7 W	20.4 W
Mechanical			
Dimensions(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 ~ +60 ° C		
Storage Temperature	-30 ~ +80 ° C		
Humidity	10 ~ 90 % RH (non-condensing)		

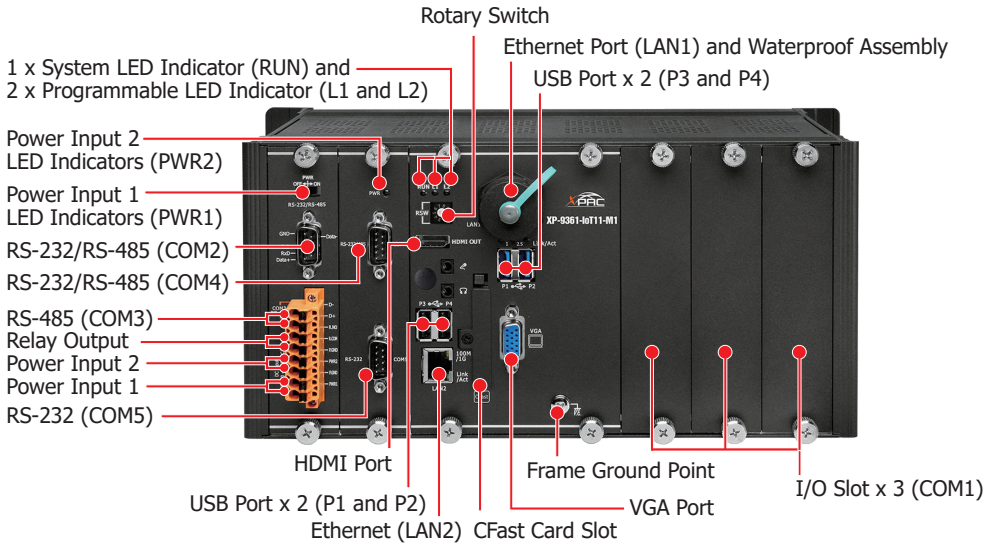
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Appearance

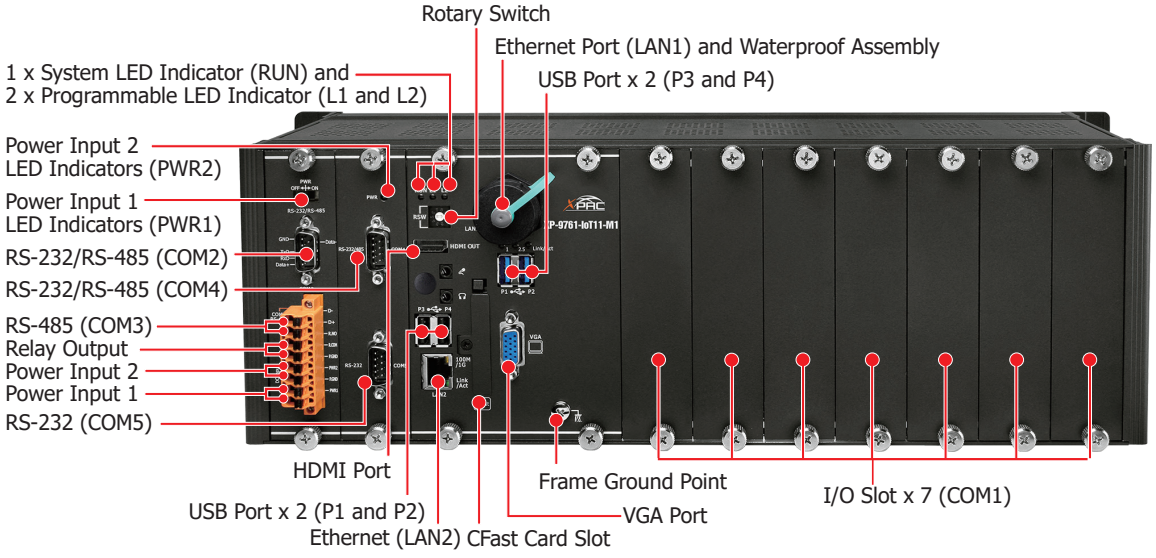
XP-9161-IoT11-M1



XP-9361-IoT11-M1



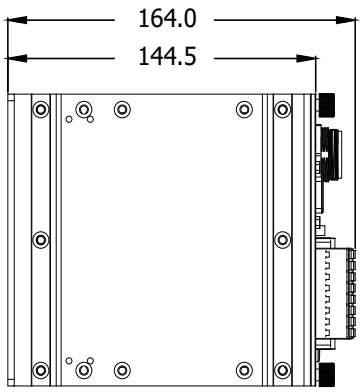
XP-9761-IoT11-M1



LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

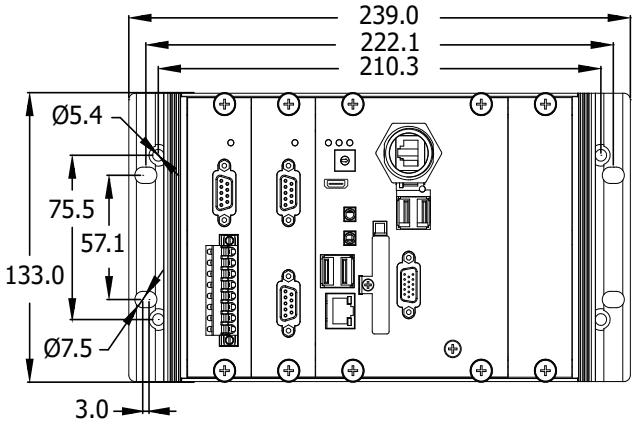
Dimensions (Units: mm)

XP-9x61-IoT11-M1



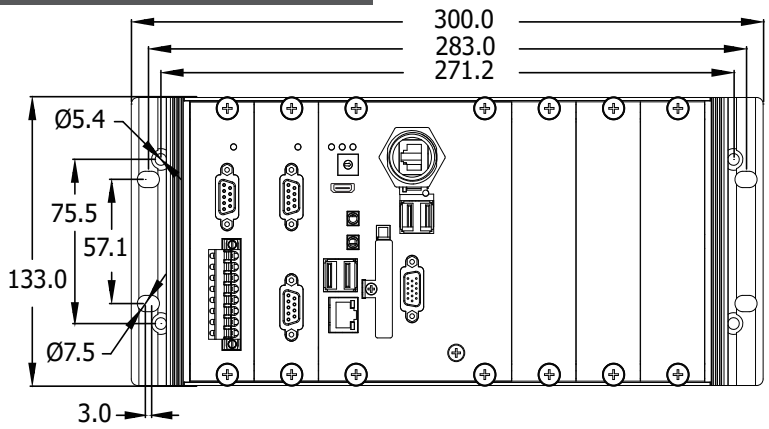
Left Side View

XP-9161-IoT11-M1



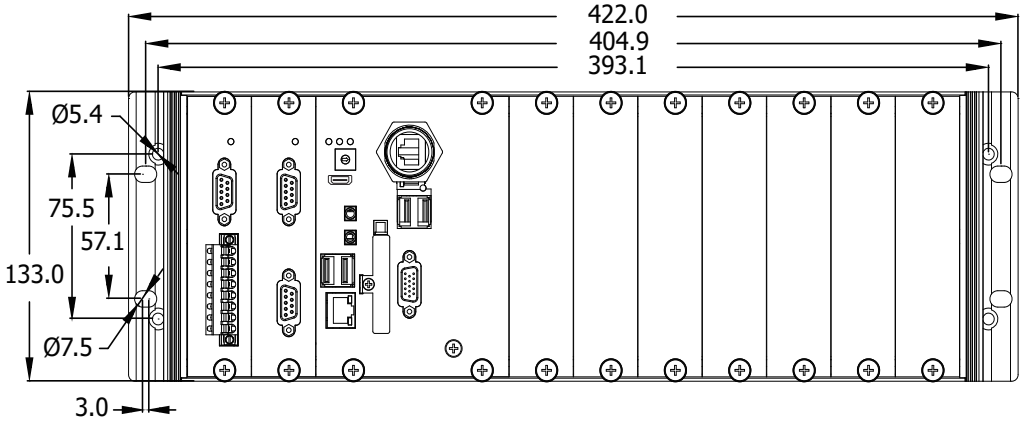
Front View

XP-9361-IoT11-M1



Front View

XP-9761-IoT11-M1



Front View

Ordering Information

XP-9161-IoT11-M1 CR	1-slot Metal Standard PAC with Intel® Atom™ x7211RE CPU and Windows 11 IoT Enterprise LTSC (RoHS)
XP-9361-IoT11-M1 CR	3-slot Metal Standard PAC with Intel® Atom™ x7211RE CPU and Windows 11 IoT Enterprise LTSC (RoHS)
XP-9761-IoT11-M1 CR	7-slot Metal Standard PAC with Intel® Atom™ x7211RE CPU and Windows 11 IoT Enterprise LTSC (RoHS)

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000