



■ Features

- IEC 61850-3 and IEEE 1613 Certified
- Certified with IP30 rating for enhanced durability
- Intel® Atom™ X6211E/X6413E/X6425E CPU (formerly Elkhart Lake)
- 6x RJ45 with 1x pair bypass, 2x SFP, 1x COM, 2x USB, 2x DIO
- Chassis Intrusion Detection, TPM 2.0, Optional IPMI support
- 1x M.2 B-Key For LTE/5G, 1x M.2 E-Key for Wi-Fi module
- Dual +12~48Vdc Power Input, Operating Temperature -40~70°C

■ Specifications

Processor System

CPU	Intel® Atom® X6211E/X6413E/X6425E
Frequency	Atom X6211E: 1.3 GHz, Atom X6413E: 1.5 GHz Atom X6425E: 2.0 GHz
Core Number	Atom X6211E: 2, X6413E/X6425E: 4
BIOS	AMI SPI Flash BIOS
Chipset	SoC

Fanless

Yes

Memory

Technology	DDR4, non ECC & IB-ECC
Max. Capacity	32GB
Socket	1x 260-pin SODIMM

Ethernet

Controller	Intel i226IT/210IS
Speed	RJ45: 100M/1G/2.5Gbps, SFP: 1 Gbs
Interface	6x GbE RJ45 2x SFP 1x IPMI Ports (By SKU)
Bypass	1 pair LAN1/2 Bypass RJ45 (by SKU)

Storage

Type	SATA
Installation	1x 2.5" drive bay, 1 x M.2 M Key 2242
Type	SD
Installation	1x Micro SD reader

Expansion

1x M.2 B-Key 3042/3050/3052 for LTE/5G Sub6 module, with dual Nano-SIM; 1x M.2 E-Key for Wi-Fi module

I/O

Serial Port	1x RS-232, DB9 male
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DIO

2x Isolated DIO

USB

1x USB 3.1 Gen1 5G, 1x USB 2.0 type A

Power-On/Reset Button

Reset button

LED

System Status, Ethernet Status & Programmable LEDs

Watchdog Timer

Watchdog timer 256 level time interval system reset, software programmable

Power

Power Supply Voltage	Dual +12~48VDC
Connector	Phoenix contact 6-pin connector with lock
Power Consumption (Idle)	24.2W ~ 31.7W
Power Consumption (Full Load)	41.6W ~ 46.8W
Power Adaptor	None

Environment

Operating Temperature	-40 ~ 70°C
Storage Temperature	-40 ~ 85°C
Relative Humidity	5% ~ 95%, non-condensing

Mechanical

Dimension (W x H x D)	87 x 196 x 180 mm
Packaging Dimension	366 x 251 x 150 mm (inner) 468 x 385 x 279 mm (3 in1)
Construction	Aluminum + SGCC
Weight	3.4 kg
Mounting	DIN rail mount or optional wall mount
IP Rating	IP30

Driver Support

Microsoft Windows	Windows 10/11 IoT
Linux	Linux Kernel 2.6X or later

Certification

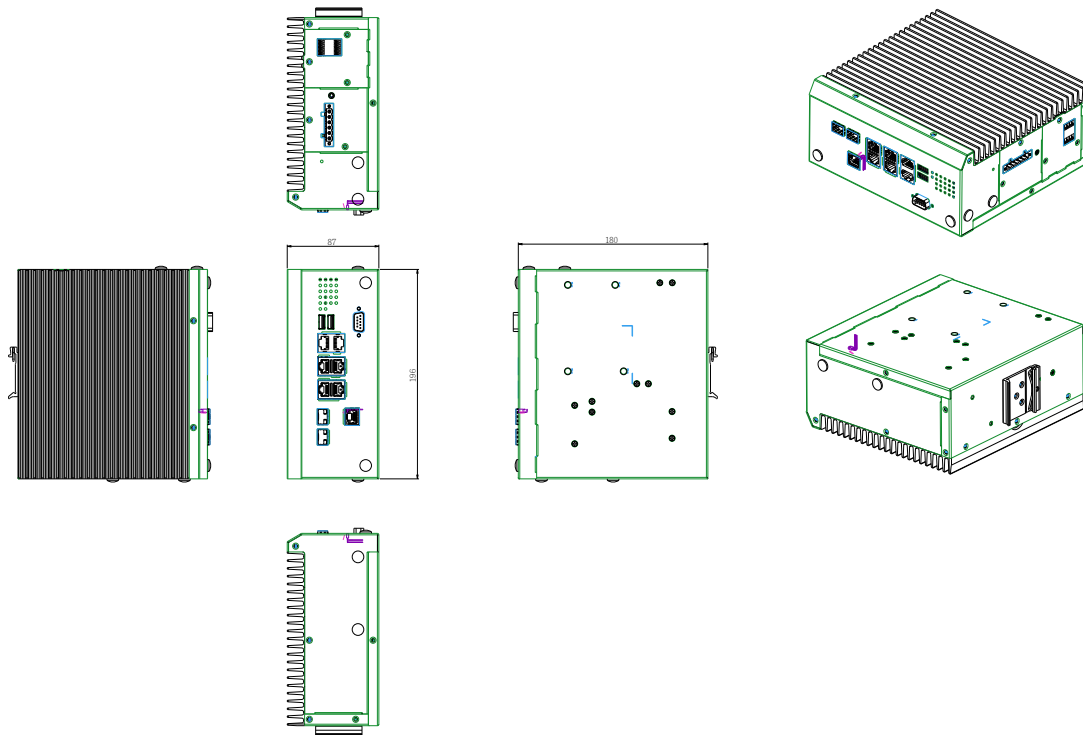
EMC	FCC/CE Class A, UL (IEC-62368), C1D2 (SKU F Only)
Others	IEC 61850-3, IEEE 1613

■ Product I/O View



- A** DC IN
- B** USB
- C** RJ45
- D** SFP
- E** COM
- F** DIO
- G** Optional IPMI

■ Dimensions (W x H x D): 87 x 196 x 180 mm



ICS-P371

■ Ordering Information

ICS-P371A	IEC 61850-3 Wide Temp Industrial Cyber Security Gateway with Intel® Atom® X6211E processor, 6x GbE RJ45, 2x SFP LAN Ports, LTE/5G-Sub6, Wi-Fi, and SATA storage expansion
ICS-P371B	IEC 61850-3 Wide Temp Industrial Cyber Security Gateway with Intel® Atom® X6413E processor, 6x GbE RJ45, 2x SFP LAN Ports, LTE/5G-Sub6, Wi-Fi, and SATA Storage expansion
ICS-P371C	IEC 61850-3 Wide Temp Industrial Cyber Security Gateway with Intel® Atom® X6425E processor, 6x GbE RJ45, 2x SFP LAN Ports, LTE/5G-Sub6, Wi-Fi, and SATA Storage expansion
ICS-P371D	IEC 61850-3 Wide Temp Industrial Cyber Security Gateway with Intel® Atom® X6211E processor, 6x GbE RJ45, 2x SFP LAN Ports, LTE/5G-Sub6, Wi-Fi, and SATA storage expansion, and IPMI module
ICS-P371E	IEC 61850-3 Wide Temp Industrial Cyber Security Gateway with Intel® Atom® X6413E processor, 6x GbE RJ45, 2x SFP LAN Ports, LTE/5G-Sub6, Wi-Fi, and SATA Storage expansion, and IPMI module
ICS-P371F	IEC 61850-3 Wide Temp Industrial Cyber Security Gateway with Intel® Atom® X6425E processor, 6x GbE RJ45, 2x SFP LAN Ports, LTE/5G-Sub6, Wi-Fi, and SATA Storage expansion, and IPMI module

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