

ICS-1372

Industrial Grade Cyber Security Appliance With Intel® Atom™ X6400



Images are for reference only. See ordering information for SKU details.

■ Features

- Industrial Grade Cyber Security Platform
- Intel® Atom™ X6400 Processor
- 8x, 6x or 4x 2.5GbE RJ45 ports with 1 or 2 pairs Bypass & 2x GbE SFP (by SKU)
- 2x USB 3.0, 1x DB9 Console, 2x DI, 2x DO, 64GB eMMC Onboard
1x M.2 B-Key for LTE/5G sub6 with dual SIM, 1x M.2 E-Key for WiFi
- Onboard TPM 2.0

■ Specifications

Processor System

CPU	Intel® Atom™ X6425E/X6413E
Frequency	2.0 GHz/ 1.5 GHz
Core Number	4
BIOS	AMI SPI Flash BIOS
Chipset	Intel® i226-IT

Memory

Technology	DDR4 3200, In Band ECC
Max. Capacity	32GB
Socket	1x SODIMM

Graphic

Controller	Intel HD Graphics 500
Display	1x DP

Ethernet

Controller	LAN3 & LAN4: Intel i210IS/IT/AT LAN1, 2 & LAN5 ~ 8: Intel i226IT
Speed	LAN1, 2 & LAN5 ~ 8: 10/100/1000/2500 Mbps LAN3 & LAN4 : 100/1000 Mbps
Interface	8x, 6x or 4x 2.5GbE RJ45 ports with 1 or 2 pairs Bypass 2x GbE SFP (by SKU)
LAN Bypass	1 or 2 Pairs

Storage

Storage Interface	Onboard eMMC 64GB 1x M.2 M-Key SATA SSD 1x SATA for 2.5" SSD/HDD or 1x M.2 M-Key SATA SSD
Design Reserved	1x SATA for 2.5" SSD/HDD or 1x M.2 M-Key SATA SSD

I/O

Serial Port	1x DB9 Console
USB	2x USB 3.0 Type A
Reset Button	Default H/W Reset, Selectable By Jumper To SW Reset
LED	HDD, Power, LTE Status, LTE Signal, DI/DO, LAN TX/RX

Expansion

M.2	1x M.2 B-Key for LTE/5G sub6 with dual SIM 1x M.2 E-Key for WiFi
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Watchdog Timer

Watchdog Timer 256 Level Time Interval System Reset, Software Programmable

Power

Power Supply Voltage	Dual DC Input 12~36V
Connector	1x 6-pin Terminal Block
Dual power inputs	Yes
Power Consumption (Idle)	TBD
Power Consumption (Full Load)	TBD
Power Adaptor	None

Environment

Operating Temperature	-40°C ~ 70°C with LTE
Non-Operating Temperature	-40°C ~ 70°C
Humidity	Operating Relative Humidity: 10~90% Non-Operating Humidity: 5~95%

Mechanical

Dimension (W x H x D)	160 x 156.5 x 81 mm
System Cooling	Fanless
Construction	Aluminum + SGCC
Weight	2 kg
Mounting	DIN-rail or Wallmount

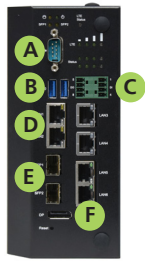
Driver Support

Microsoft Windows	Windows 10 IoT 64bits/11 IoT
Linux	Linux Kernel 3.12/ Ubuntu 18.10 64bit above

Certification

EMC	CE/ FCC Class A
Safety	UL/IEC 62368-1 certified, C1D2 compliant

Product I/O View

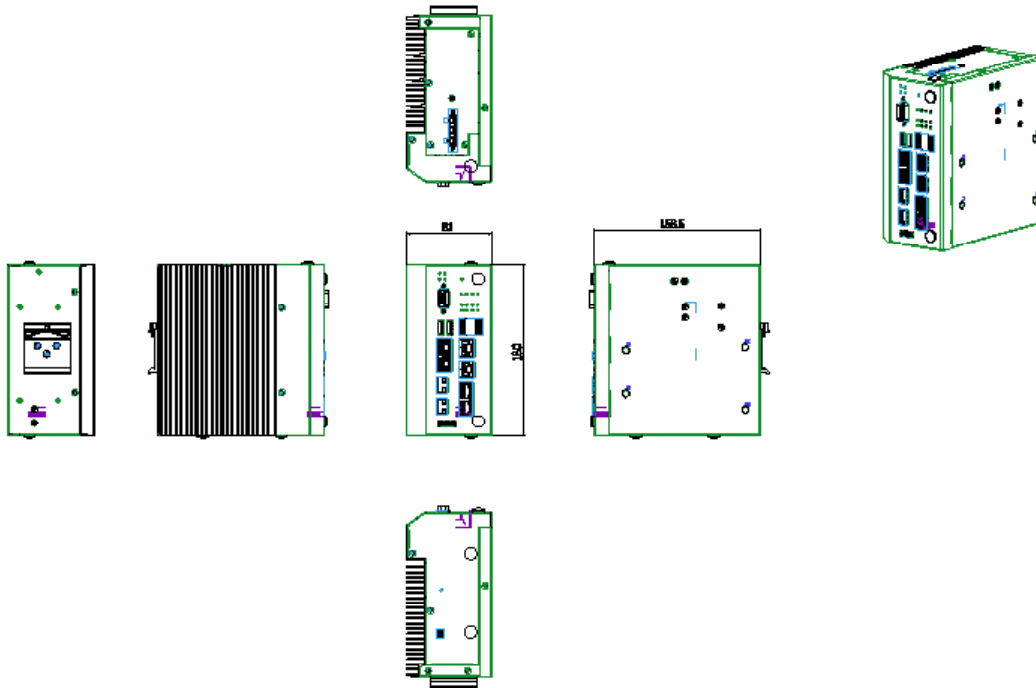


- A** Serial Port
- B** USB
- C** DIO

- D** LAN
- E** SFP
- F** DP

- G** DIN-rail Mount

Dimensions (WxHxD): 160 x 156.5 x 81 mm



Ordering Information

- ICS-1372A** Industrial-grade Cyber Security Platform With Intel® Atom™ X6425E, 8x 2.5GbE RJ45 with 1 Pair Of Bypass
- ICS-1372B** Industrial-grade Cyber Security Platform With Intel® Atom™ X6425E, 8x 2.5GbE RJ45 with 2 Pairs Of Bypass
- ICS-1372C** Industrial-grade Cyber Security Platform With Intel® Atom™ X6425E, 6x 2.5GbE RJ45 + 2x GbE SFP with 1 Pair Of Bypass
- ICS-1372D** Industrial-grade Cyber Security Platform With Intel® Atom™ X6425E, 6x 2.5GbE RJ45 + 2x GbE SFP with 2 Pairs Of Bypass
- ICS-1372E** Industrial-grade Cyber Security Platform With Intel® Atom™ X6413E, 6x 2.5GbE RJ45 with 1 Pair Of Bypass
- ICS-1372F** Industrial-grade Cyber Security Platform With Intel® Atom™ X6413E, 4x 2.5GbE RJ45 + 2x GbE SFP with 1 Pair Of Bypass

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