

ICO150 NEW

DIN-Rail Fanless Embedded System with Intel Atom® Processor x7433RE, 4 COM, 2 2.5GbE LAN, 4 USB, HDMI, DIO, and Wide Temperature

ICO150-AC



▲ Front view

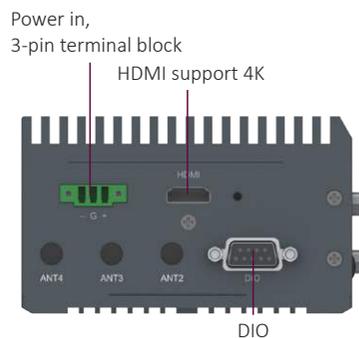


▲ Top view

ICO150-AW



▲ Front view



▲ Top view



Low Power



Wide Temp.



IP30



Fanless



EAPI



2.5GbE

Features

- Intel Atom® processor x7433RE
- 4 COM, 4 USB, 2 2.5GbE LAN, HDMI, and DIO
- 9 to 36 VDC wide range power input (typical: 12 to 24 VDC)
- OVP, UVP, OCP, and RPP power protection design
- Axiomtek EAPI for intelligent remote monitoring software integration



Specifications

System

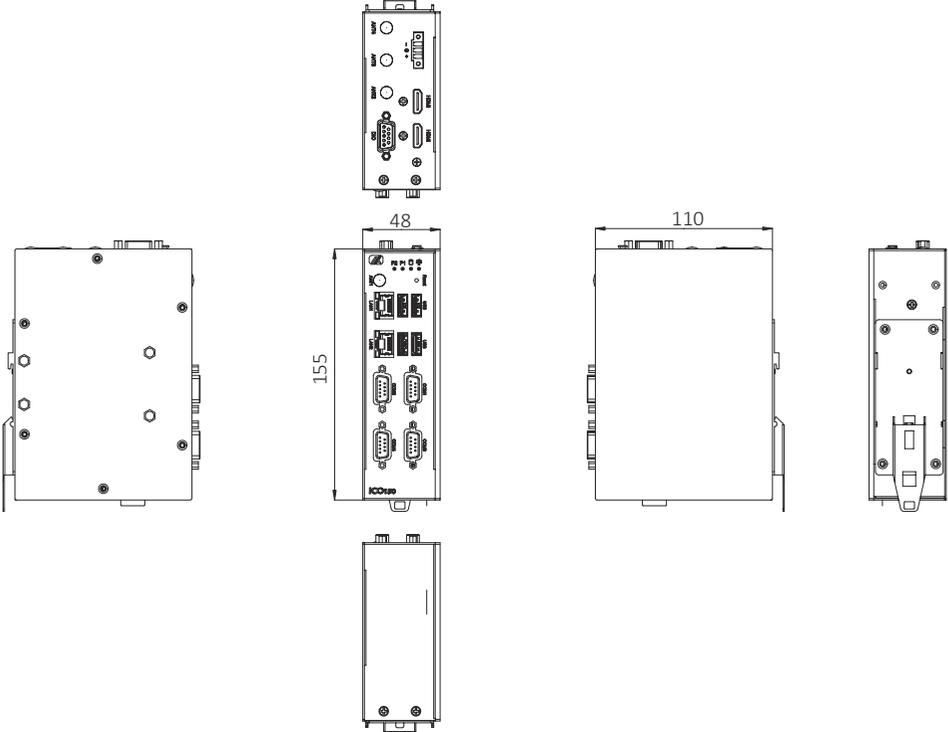
Standard Color	Pantone 432C	
Construction	Extruded aluminum and heavy-duty steel, IP30	
CPU	Intel Atom® x7433RE processor, 1.5 GHz/4C/9W	
Chipset	SoC integrated	
System Memory	1 x DDR5-5600 SO-DIMM, up to 16 GB	
Bios	AMI	
System I/O	DB9 Port	4 x COM (RS-232/422/485)
	Display	1 x HDMI (1.4b, 4K); (2nd HDMI w/ FHD by option)
	USB	2 x USB 3.2, 2 x USB 2.0
	Ethernet	2 x RJ-45 2.5GbE LAN (Intel® I226-IT; TSN supported) Isolation voltage: 2 kV
	DIO Others	1 x DIO (8-bit programmable DIO)
Expansion Interface	1 x full-size PCI Express Mini Card slot (USB signal) with SIM slot for 4G-LTE module 1 x half-size PCI Express Mini Card slot with SATA or PCIe signal (mini mSATA or Wi-Fi) 1 x M.2 B+M key 2242 with PCIe signal (for NVMe)	
Storage	1 x half-size PCI Express Mini Card slot for mSATA (SATA or Wi-Fi selection) 1 x M.2 B+M key 2242 for NVMe	
TPM	TPM 2.0	
Watchdog Timer	255 levels, 1 to 255 sec.	
Power Supply	1 x terminal block, 9 to 36 VDC, typical 12/24V	
EOS Support	Windows® 11 IoT, Ubuntu 22.04	
Software Support	Axiomtek EAPI	
LED	1 x LED indicator for SATA drive activity 1 x LED indicator for power 2 x LED indicator for GPIO programmable	
Operating Temperature	AC: 0°C to +50°C (+32°F to +122°F) AW: -40°C to +70°C (-40°F to +158°F)	
Relative Humidity	10% to 95% relative humidity, non-condensing	
Vibration Endurance	3 Grms, 5 to 500Hz, X/Y/Z direction; random, operating	
Dimension (W x D x H)	AC: 48 x 110 x 155 mm (1.89" x 4.33" x 6.1") AW: 65 x 110 x 155 mm (2.56" x 4.33" x 6.1")	
Weight (net/gross)	TBC	
Certifications	CE (EN 55032/EN 55024), FCC (FCC Part 15B), and UL	

Ordering Information

ICO150-x7433-AW (P/N: TBD)	DIN-rail fanless embedded system with Intel Atom® processor x7433RE, 4 COM, 2 2.5GbE LAN, 4 USB, HDMI, DIO, and wide temperature
ICO150-x7433-AC (P/N: TBD)	DIN-rail fanless embedded system with Intel Atom® processor x7433RE, 4 COM, 2 2.5GbE LAN, 4 USB, HDMI, and DIO

Dimensions

ICO150-AC



ICO150-AW

