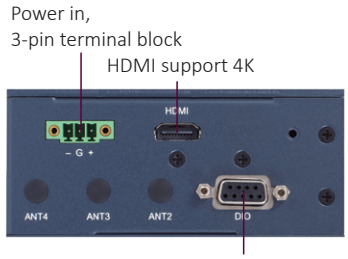
ICO150 NEW

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

ICO150-AC

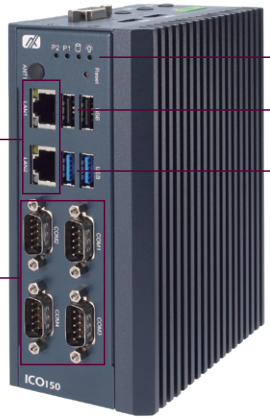


▲ Front view

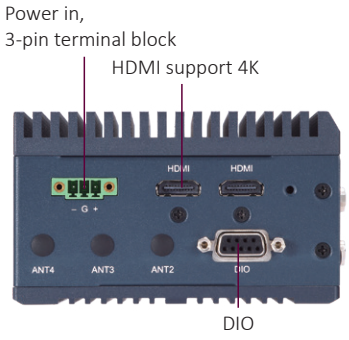


▲ Top view

ICO150-AW



▲ Front view



▲ Top view

Low Power | Wide Temp. | IP30 | Fanless | AXView | 2.5GbE

Features

- Intel Atom® processor x7433RE
- 4 COM, 4 USB, 2 2.5GbE, 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 AXView 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 DDR5-4800 SO-DIMM, up to 16 GB	
Bios	AMI	
Sysytem 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 (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 (512GB under +70°C / 1TB under +60°C)	
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 AXView	
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)	AC: 0.83 kg (1.76 lbs) AW: 1.5 kg (3.30 lbs)	
Certifications	CE (EN 55032/EN 55024), and FCC (FCC Part 15B)	
Mounting	DIN-rail kit Wall mount kit (optional)	

Ordering Information

ICO150-x7433-AW (P/N: E22C150100)	DIN-rail fanless embedded system with Intel Atom® processor x7433RE, 4 COM, 2 2.5GbE, 4 USB, HDMI, DIO, and wide temperature
ICO150-x7433-AC (P/N: E22C150101)	DIN-rail fanless embedded system with Intel Atom® processor x7433RE, 4 COM, 2 2.5GbE, 4 USB, HDMI, and DIO

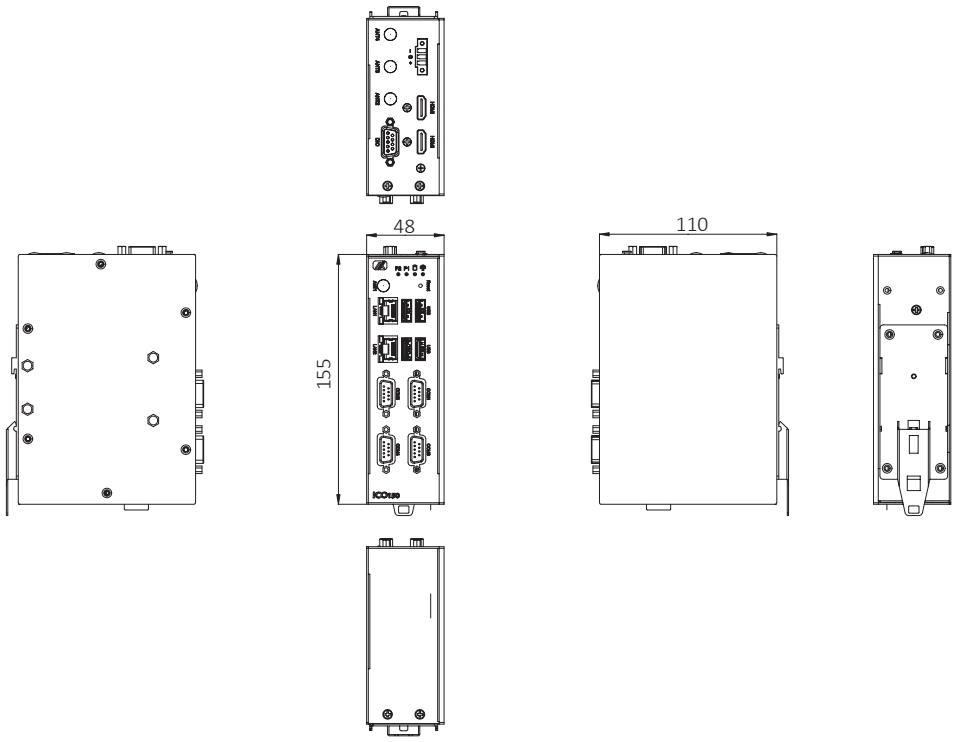
Packing List

ICO150-x7433-AC	• ICO150 system Unit x 1 • DDR thermal - Thermal pad x2 - Thermal bracket x1 • Half-size Mini Card - Thermal pad x2 - Thermal bracket x1 • Full-size Mini Card - Thermal pad x1 - Thermal BKT x1 • M.2 Key B - Thermal pad x1 - Heat sink x1 - Extension brace x1 • DIN-rail kit x1 • Power 3-pin terminal block x 1 • HDMI bracket x1 • Cable tie and holding kit for HDMI x1 • Screws for HDMI M3 x 4L x 1 (black) • Screws for M.2 M3 x 4L x 2 (silver) • Screws for Mini Card M2 x 5L x 2 (silver) • Screws for Mini Card/DDR - M3 x 4L x 2 (black)
ICO150-x7433-AW	• ICO150 system unit x 1 • DDR thermal - Thermal module x 1 - Thermal pad x 4 - Heat sink x1 • Half-size Mini Card - Thermal module x 1 - Thermal pad x 3 - Heat sink x 1 • Full-size Mini Card - Thermal pad x1 - Heat sink x1 • DIN-rail kit x1 • Power 3-pin terminal block x 1 • HDMI bracket x 1 • Cable tie and holding kit for HDMI x 1 • Screws M3 x 4L (silver) - DDR x 2 - M.2 x 2 - Half-size Mini Card x 2 • Screws M3 x 4L x 1 (black) • Screws for Mini Card M2 x 5L x 2 (silver) • M.2 Key B - Thermal pad x1 - Heat sink x1 - Extension brace x1

Dimensions

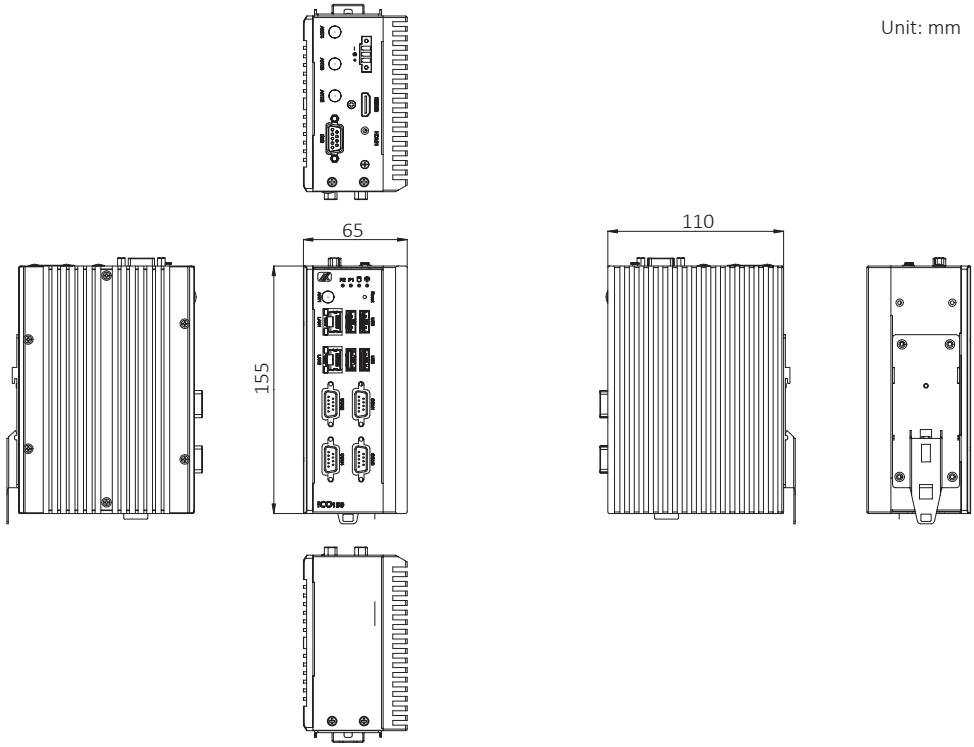
ICO150-AC

Unit: mm



ICO150-AW

Unit: mm



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