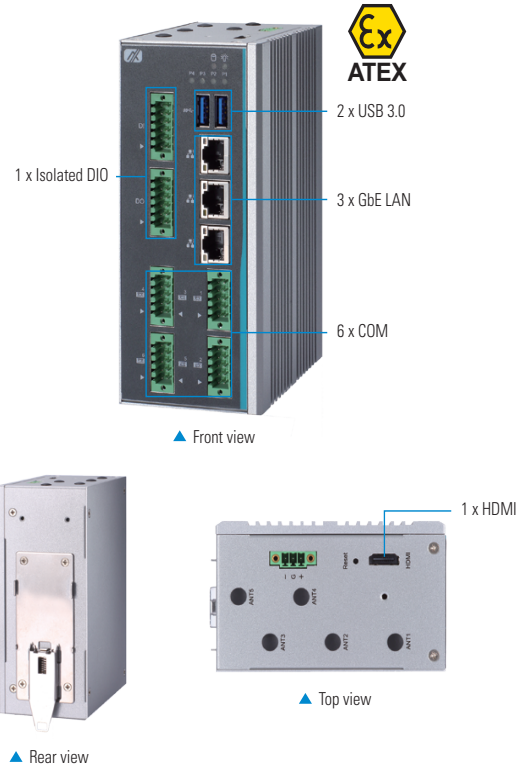


# ICO300-83M Coming Soon

ATEX/C1D2 Certified DIN-rail Fanless Embedded System with Intel Atom® x5-E3930 Processor, Isolated COM, LAN and DIO

## Features

- Cost-effective with fanless design
- Intel Atom® x5-E3930 Processor
- 6 isolated COM, isolated DIO (8-in/8-out), 3 GbE LAN
- Wide operating temperature range from -40°C to +85°C
- 9 to 36 VDC, typical 12/24V power input with OVP, UVP, OCP, RPP
- Supports 5G connectivity
- Supports TPM 2.0
- ATEX/C1D2 certified
- Supports cold boot at -40°C



## Specifications

Standard Color	Silver	
Construction	Extruded aluminum and heavy-duty steel, IP30	
CPU	Intel Atom® x5-E3930 processor, 1.3GHz/2C/6.5W	
Chipset	SoC integrated	
System Memory	1 x DDR3L-1866 SO-DIMM, up to 8GB	
BIOS	AMI	
TPM	TPM 2.0	
System I/O Outlet	Serial	2 x Isolated* RS-232/422/485 (Phoenix Type) 4 x Isolated* RS-232/422/485 (4-wire, Phoenix Type)
	Display	1 x HDMI (up to 1920 x 1080 @60Hz)
	USB	2 x USB 3.0
	Ethernet	3 x RJ-45 isolated* 10/100/1000 Mbps Ethernet (Intel® i210-IT) *Isolation voltage: 1.5 kV
	DIO	1 x Isolated 8-in/8-out DIO
	Others	5 x Antenna opening
Extension Interface	1 x M.2 Key B 3052: USB3.0 /PCIe (for 5G module)	
	1 x Full-size Rev.1.2 PCI Express Mini Card slot: USB (for LTE/Wi-Fi module)	
	1 x Half-size Rev.1.2 PCI Express Mini Card slot: USB/mSATA (for mSATA)	
	2 x SIM slot (1 for M.2; 1 for full-size PCI Express Mini Card)	

Storage	SATA Drive	1 x mSATA (occupied 1 x PCI Express Mini Card slot) 1 x Internal 2.5" SATA drive (9.5 mm height) 1 x eMMC on board (optional)
	Watchdog Timer	255 levels, 1 to 255 sec.
Power Supply	1 x Terminal block, 9 to 36 VDC, typical 12/24V	
System Indicators	1 x LED indicator for SATA drive	
	1 x LED indicator for power 4 x Programmable LED	
Operating Temperature	-40°C to +75°C (-40°F to +167°F) Cold boot at -40°C Supports +85°C operating temperature under condition	
Humidity	10% to 95%	
Vibration Endurance	3 Gms with storage (5 to 500Hz, X/Y/Z direction; random, operating)	
Dimensions	66 mm (2.48") (W) x 110 mm (4.33") (D) x 155 mm (6.1") (H)	
Weight (net/gross)	1.0 kg (2.2 lb)/1.50 kg (3.3 lb)	
Certifications	CE (Class A), FCC (Class A)	
EMC	CE/FCC	
	UL, ATEX/C1D2	
EOS Support	Windows® 10 IoT, Linux	

\* See Ordering information

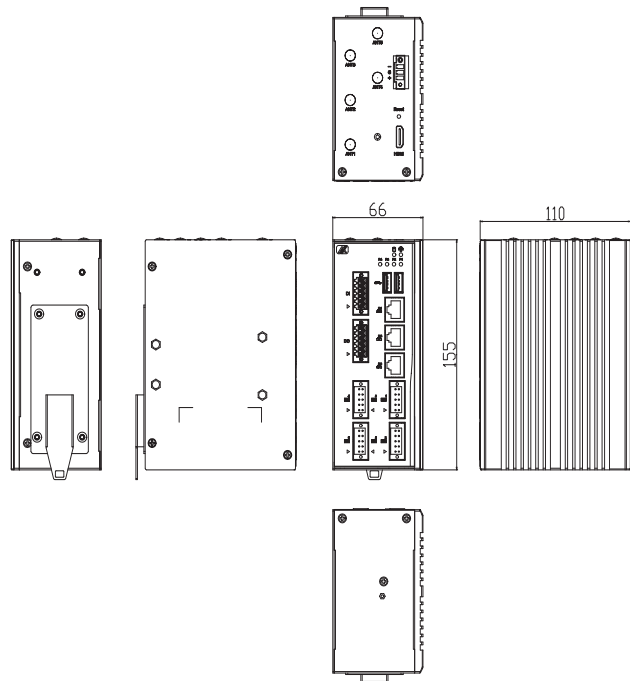
\*\* Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## Ordering Information

### Standard

ICO300-83M-E3930-DC	ATEX/C1D2 Certified DIN-rail Fanless Embedded System with Intel Atom® x5-E3930 Processor, Isolated COM, LAN and DIO
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## Dimensions



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DIN-rail Embedded Systems

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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