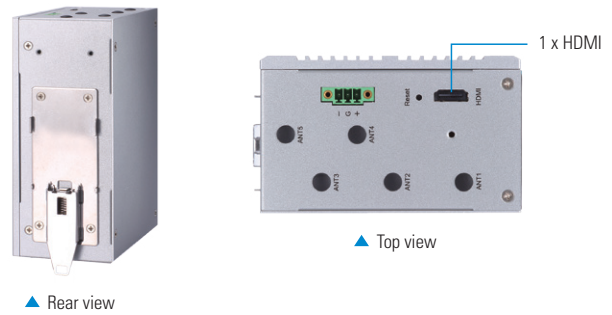
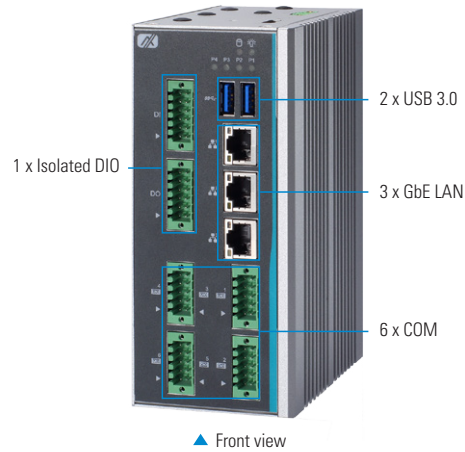


# ICO300-83M NEW

Robust DIN-rail Fanless Embedded System with Intel® Atom® Processor E3930, Isolated COM, LAN and DIO

## Features

- Cost-effective with fanless and cableless design
- Intel® Atom® Processor E3930
- 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 power input with OVP, UVP, OCP, RPP
- Supports 5G connectivity
- Supports TPM 2.0



## Specifications

Standard Color	Silver	
Construction	Extruded aluminum and heavy-duty steel, IP30	
CPU	Intel® Atom® x5-E3930 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 1200 @60Hz)
	USB	2 x USB 3.0
	Ethernet	3 x RJ-45 isolated* 10/100/1000 Mbps Ethernet (Intel® i211-AT) *Isolation voltage: 1.5 kV
	DIO	1 x Isolated 8-in/8-out DIO
	Others	3 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	

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	
System Indicators	1 x LED indicator for SATA drive 1 x LED indicator for power 1 x Alarm (boot indicator) 3 x expansion interface (power)	
	Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	0% 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	
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

IC0300-83M-E3930-DC	Robust DIN-rail fanless embedded system with Intel® Atom® processor E3930, isolated COM, LAN and DIO
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## Dimensions

