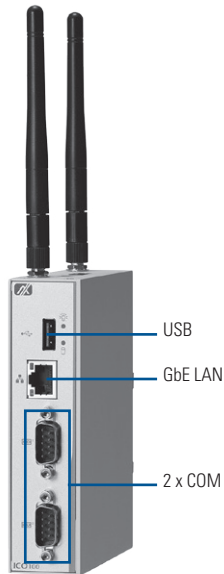


ICO100

Robust DIN-rail Fanless Embedded System with Intel® Atom™ x5-E3930 Processor, 2 COM, 1 LAN, 2 USB and DIO

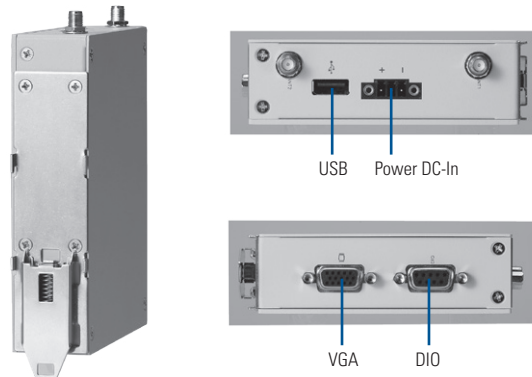


▲ Front view



Features

- Extreme cost-effective with fanless and cableless design
- Intel® Atom™ x5-E3930 processor
- 2 COM, 2 USB and 1 GbE LAN
- 8-bit programmable DIO for IoT gateway applications
- Wide operating temperature from -20°C to +70°C
- 12-24VDC wide range power input
- OVP, UVP, OCP, RPP power protection design
- Supports AXView 2.0 intelligent remote monitoring software for IoT application



▲ Rear view

Specifications

Standard Color	Silver
Construction	Aluminum, IP40
CPU	Intel® Atom™ x5-E3930 processor (1.8 GHz)
System Board	SBC87839
System Memory	1 x DDR3L SO-DIMM max. up to 8 GB
BIOS	AMI UEFI BIOS
System I/O Outlet	Serial Port 2 x RS-232/422/485 (COM 1-2) Interface select by BIOS Supports auto flow control in RS-485 mode
	USB 2 x USB 2.0
	Storage 1 x mSATA
	LAN 1 x 10/100/1000 Mbps Ethernet (Intel® i211-AT) Magnetic isolation protection 1.5KV
	VGA 1 x DB15 connector
	DIO 1 x DI/DO (8-bit programmable, DB9 female connector) Voltage is 5V TTL-level Programming: I/O sink current is 10mA (max.) Input/output can be programming
	Power Input 1 x DC power input with terminal block

Extension	2 x PCI Express Mini Card slot 1 x SIM card socket
Watchdog Timer	1 WDT One step is 1 sec, 255 levels
System Indicator	Power, Active
Power Supply	Power input range: 12-24VDC, 1.15-0.62A Protection: OVP, reverse protection
Operating Temperature	0°C ~ +70°C (32°F ~ +158°F), optional for -20°C ~ +70°C (-4°F ~ +158°F) or -40°C ~ +70°C (-40°F to +158°F)
Storage Temperature	-20°C ~ +85°C (-4°F ~ +185°F)
Humidity	10% ~ 95%
Vibration Endurance	2g@5-500Hz, amplitude 0.35 mm (operation/storage/transport)
Weight (net/gross)	0.3 kg (0.67 lb)/0.46 kg (1 lb)
Certificate	CE FCC Class A
Dimensions	30 mm (1.18") (W) x 110 mm (4.33") (D) x 125 mm (4.92") (H)
EOS Support	Windows® 10 IoT Linux support package AXView 2.0

* All wide temperature configurations shall be sorted by Axiomtek.

Ordering Information

Standard

IC0100-839-E3930-DC Robust DIN-rail fanless embedded system with Intel® Atom™ x5-E3930 processor 1.8 GHz and 2 COM ports (0°C to +70°C)

Optional

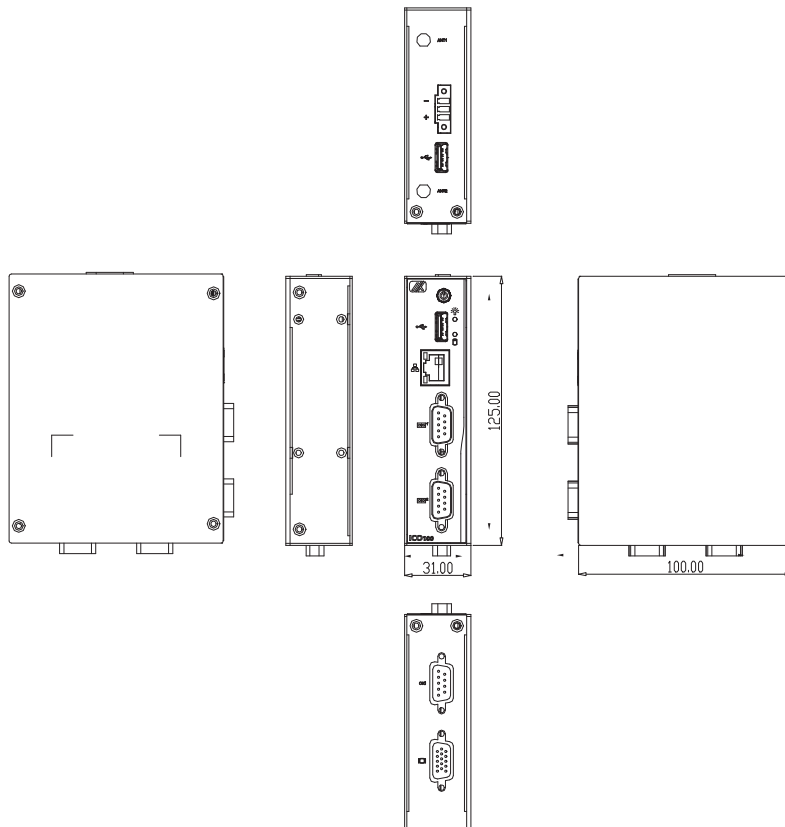
mSATA

Wall mounting kit

PCI Express Mini Card modules: Wi-Fi/3G/4G

* Specifications and certifications may vary based on requirements.

Dimensions



Overview

Embedded Systems

Embedded Systems for Transportation

3

Embedded Field Controllers

Industrial Firewall

Digital Signage Solutions

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories

