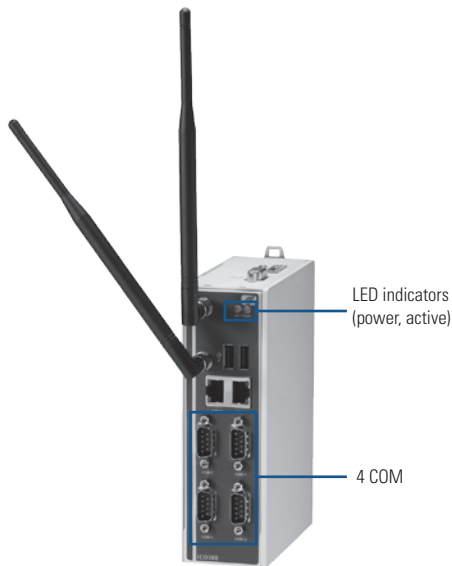


# ICO300

Robust Din-rail Fanless Embedded System with Intel® Atom™ Processor E3815/E3827  
4 COM, 2 LANs and RTC



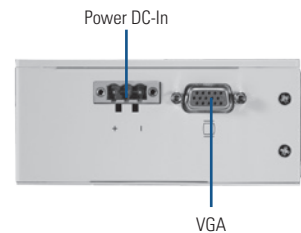
▲ Front view



- ## Features
- Fanless design
  - Supports Intel® Atom™ processor E3815 (1.46GHz) or E3827 (1.75GHz)
  - 4 RS-232/422/485 COM ports
  - 2 isolated 10/100/1000Mbps Ethernet
  - 1 wireless (3G/GPRS or Wi-Fi)
  - Supports 1 CompactFlash™ (or mSATA) and SATA SSD (or HDD)
  - Wide range 12 - 24V DC-In



▲ Rear view



## Specifications

Standard Color	White	
Construction	Extruded aluminum and heavy-duty steel, IP40	
CPU	Intel® Atom™ Processor E3815 (1.46GHz) or E3827 (1.75GHz)	
System Board	SBC87842	
System Memory	DDR3L-1066 MHz SO-DIMM up to 4 GB (E3815), up to 8 GB (E3827)	
BIOS	AMI UEFI BIOS	
System I/O Outlet	Serial Port	4 x RS-232/422/485 (COM 1~4) Interface select by BIOS Supports Auto Flow Control in RS-485 mode
	USB	2 x USB 2.0
	RTC	Battery onboard
	Storage	Supports 1 x CF* (or mSATA*) Supports 1 x SATA SSD (or HDD)
	LAN	2 x 10/100/1000 Ethernet
	VGA	1 x DB15 connector
	Power Input	1 x DC power input with terminal block
	Wireless	1 x full size Mini Card slot Supports wireless* (3G/GPRS or Wi-Fi) 1 x SIM socket 2 x Antenna

Watchdog Timer	255 levels, 1~255 sec
System Indicator	Power, Active
Power Supply	12-24V DC-In DC Version: OVP, Reverse protection
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-40°C ~ +85°C
Humidity	5% ~ 95%
Vibration Endurance	2g@5-500Hz, amplitude 0.35 mm (operation/storage/transport)
Weight	1 kg
Certification	CE, FCC
Dimensions	48 x 110 x 155 mm
EOS Support	Windows® 7 Embedded Windows® 8 Embedded Linux support package

\* mSATA and wireless can be either one.

\* mSATA and CF can be either one.

## Ordering Information

### Standard

IC0300-E3815	Robust Din-rail Fanless Embedded System with Intel® Atom™ Processor E3815 1.46 GHz, 4 COM ports (-20°C ~ +70°C)
IC0300-E3827	Robust Din-rail Fanless Embedded system with Intel® Atom™ Processor E3827 1.75GHz 4 COM ports (-20°C ~ +70°C)

### Optional

CompactFlash™	4 GB or above (with W.T. CF)
2.5" SATA SSD or HDD (with W.T. SSD or HDD)	
DDR3L SODIMM	2 GB ~ 8 GB (with W.T. memory)
Wall Mounting Kit	
Wireless (3G/GPRS or Wifi) module	

\*Specifications and certifications are based on options and may vary.

## Dimensions

