

SE-8300

NEW



Rich I/O and Fanless Embedded PC



Features

- Intel® E3845 processor (Quad core 1.91GHz)
- Rich I/O and Fanless embedded PC
- Maximum support 1 x DVI-D, 1 x VGA, 2 x LAN, 3 x USB2.0, 1 x USB3.0, 4 x Serial port, 4 in/ 4 out Digital IO, 1 x CAN, 1 x Line-out, 1 x Mic-in, 1 x DC12V out(4A), 8 x PoE(IEEE802.3af), 2 x SIM card slot
- Support removable HDD tray
- Support wide temperature -30°C ~ 60°C (for Wide temperature mSATA)
- 9~36V wide range DC-in (support Ignition)

Specifications

System

CPU Support	Intel® E3845 CPU on board (Quad core 1.91GHz)
Memory Support	1 x DDR3L SO-Dimm socket up to 8GB memory
Watchdog	1~255secs Watchdog timer selectable
Driver Bay	1 x 2.5 inch SATA HDD or SSD driver space support
Power	DC in 9~36V (with ignition)
Operating System	Win7, Win8
Expansion Slot	1 x mSATA slot , 3 x mini-PCIe slot, 2 x SIM card slot
System Weight	3.5 Kg
Dimension (W x H x D)	270 x 80 x 202.5 mm
Certificate	FCC / CE / E13 Mark

I/O Ports

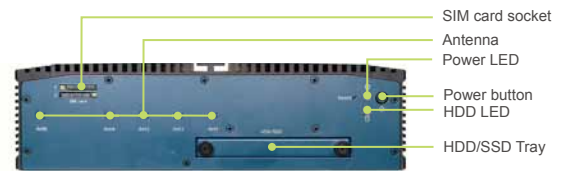
Serial Port	4 ports support (COM1/2 for RS232/422/485 with isolated, COM3/4 for RS232 and 5V/12V selectable)
DVI	1 x DVI-D
VGA	1 x VGA
LAN	2 x 10/100/1000 LAN
Audio	1 x Line out, 1 x Mic in
USB	3 x USB2.0, 1 x USB3.0
SIM card	2 x SIM card slot
Digital I/O	4in / 4out (isolated)
Others	1 x CANBUS(isolated), 8 x PoE (IEEE 802.3af) 1 x 12V(4A) DC out, 1 x remote SW

Environment

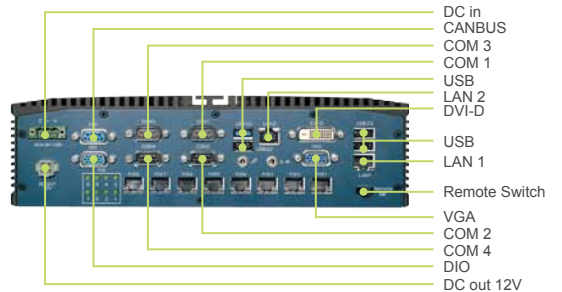
Operation Temp.	HDD:0°C ~45°C (32°F~113°F)(with Airflow) Wide temperature mSATA: -30°C ~ 60°C (-22°F~139°F)(w/o Audio) (with Airflow)
Storage Temp.	- 40°C ~ 80°C (- 4°F~158°F)
Humidity	20% ~ 90%

* All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales.

System Front View



System Rear View



Ordering Information

Order No	Description
SE-8300RA-A0B	Intel® E3845 CPU+ 1 x DVI-I+ 1 x VGA+ 4 x COM+ 2 x LAN+ 3 x USB2.0+ 1 x USB3.0+ D I/O(4in/4out)+ 1 x CANBUS+ 2 x SIM card slot+ 1 x Line-out+ 1 x MIC-in+ 8 x PoE

* CPU, DDR, Slim HDD are available as optional items.

Applications

- Factory Automation
- Smart BUS
- Traffic control and monitoring