SE-8300

NEW **RoHS** Compliant

Rich I/O and Fanless Embedded PC

USB 3.0 — USB 2.0 — intel Atom inside — DDR3

Features

- Intel® E3827 processor
- 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 CFast card)
- 9~36V wide range DC–in (support Ignition)

Specifications

System

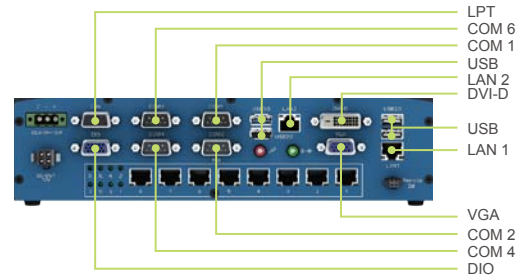|	
CPU Support	Intel® E3827 CPU on board
Memory Support	1 x DDR3L SO-Dimm socket up to 8GB memory
Watchdog	1~255secs Watchdog timer selectable
Driver Bay	1 x 2.5 inch SATA HDD or SSD driver space support
Power	DC in 9~36V (with ignition)
Operating System	Win7, Win8
Expansion Slot	1 x mSATA slot , 3 x 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

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 Rear View

- LPT
- COM 6
- COM 1
- USB
- LAN 2
- DVI-D
- USB
- LAN 1
- VGA
- COM 2
- COM 4
- DIO

Ordering Information

Order No	Description
SE-8300-A0B	Intel® E3827 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