

# SE-8124

NEW



Slim and Fanless Intel® E3845/E3826/J1900 processor Embedded PC



USB 3.0

USB 2.0



## Features

- Intel® E3845/E3826/J1900 processor on board
- Totally fanless and quiet design
- With 2 ports PoE
- Support CFast slot or mSATA
- Support 1 x external SD card
- Optional 3G module
- Optional Wireless LAN module
- Support wide voltage DC in (9~36V)
- Support wide temperature (E3845/E3826 only)

## Specifications

### System

CPU Support	Intel® E3845/E3826/J1900 processor
Chipset	Intel® SoC
Memory Support	1 x DDR3L SO-DIMM socket, memory up to 8GB (depending on CPU)
Watchdog	1~255secs Watchdog timer selectable
Driver Bay	1 x 2.5 inch SATA HDD or SSD driver space support
Power Supply	DC in 9~36V
Power Adaptor	24V,72W power adaptor (optional)
Operating System	Win7/ Win8.1/ WES7/ WES8
Expansion Slot	1 x CFast slot, 1 x full size mini PCIe slot (PCIe+USB2.0 & supporting mSATA), 1x half size mini PCIe slot (PCIe+USB2.0, external SIM card)
System Weight	2.5 Kg
Dimension (W x H x D)	217.5 x 45 x 148 mm
Certificate	FCC / CE

### I/O Ports (Front side)

Display	1 x DVI-D
USB	1 x USB 2.0
Serial Port	2x COM port, COM 3/4 for RS232
DIO	4in / 4 out
SIM Card Slot	1 x external SIM card slot with cover (for optional 3G module)
Power ON/OFF	1 x remote Power ON/OFF switch
SD Card Slot	1 x external SD card slot with cover

### I/O Ports (Rear side)

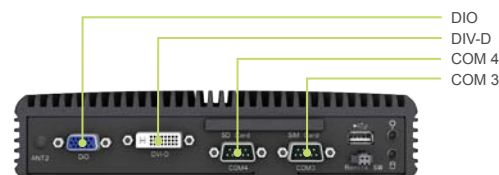
Display	1 x DVI-I
Audio	1 x Line out, 1 x Mic in
USB	2 x USB2.0 + 1 x USB3.0
Serial Port	2 ports support (COM1/2 for RS232/422/485 selectable by BIOS, RI/5V/12V selectable by jumper)
LAN	2 x LAN (10/100/1000 Mbps) with PoE 2 PoE support IEEE 802.3af, Max. 15.4W each port
Power Input	1 x 2 pin DC in terminal block, supporting 9-36V DC
Power ON/OFF	1 x Power ON/OFF button

### Environment

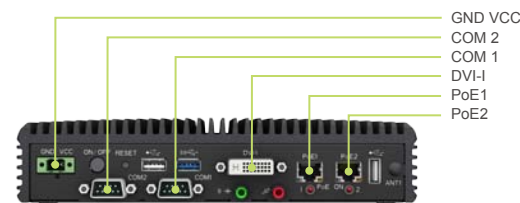
Operation Temp.	0° ~ 50° C (32° ~ 122° F) (w/HDD)(with Airflow) -30° ~ 70° C (-22° ~ 158° F) (with Airflow, w/ Wide temperature CFast card or mSATA, w/o Audio, E3845/E3826 only)
Storage Temp.	- 40°C ~ 80°C (- 40°F~176°F)
Humidity	20% ~ 90%

\* 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-8124RA-A0B	Intel® E3845 on board embedded PC (barebone)
SE-8124RA-B0B	Intel® E3826 on board embedded PC (barebone)
SE-8124RA-C0B	Intel® J1900 on board embedded PC (barebone)
SE-8120RZ-WM1	Wall mount Kit
SE-8122RZ-DIN	DIN Rail mounting Kit
SE-8120RZ-WL1	Wi-Fi kit
52-002-11072302	72W, 24Vdc output power adaptor

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

## Applications

- Industrial Automation
- Intelligent building
- Self service kiosk

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