SE-8124

NEW **RoHS Compliant**

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

intel Atom inside intel Celeron inside USB 3.0 USB 2.0 DDR3

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 (depnding 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)

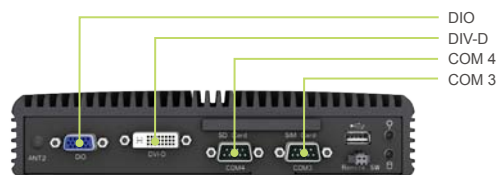|	
Display	1 x DVI-D
USB	1 x USB 2.0
Serial Port	2x COM port, COM 3/4 for RS232
DIO	4in / 4 out
SIM Card Slot	1 x external SIM card slot with cover (for optional 3G module)
Power ON/OFF	1 x remote Power ON/OFF switch
SD Card Slot	1 x external SD card slot with cover

I/O Ports (Rear side)

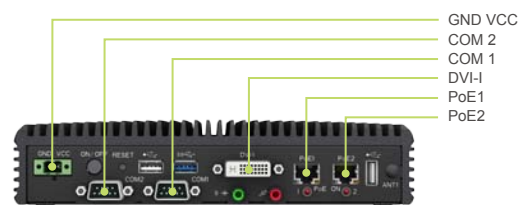|	
Display	1 x DVI-I
Audio	1 x Line out, 1 x Mic in
USB	2 x USB2.0 + 1 x USB3.0
Serial Port	2 ports support (COM1/2 for RS232/422/485 selectable by BIOS, RI/5V/12V selectable by jumper)
LAN	2 x LAN (10/100/1000 Mbps) with PoE 2 PoE support IEEE 802.3af, Max. 15.4W each port
Power Input	1 x 2 pin DC in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

- DIO
- DIV-D
- COM 4
- COM 3

System Rear View

- GND VCC
- COM 2
- COM 1
- DVI-I
- PoE1
- PoE2

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