

SE-8124

NEW



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



USB 3.0

USB 2.0



Features

- Intel® E3845/E3826/J1900 processor on board
- Totally fanless and quiet design
- 2 Gbe LAN, with PoE as option
- Support CFast slot
- 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
Watchdog	1~255secs Watchdog timer selectable
Driver Bay	1 x 2.5 inch SATA HDD or SSD driver space support
Power requirement	9~36V DC-in
Power Adaptor	24V,72W or 120W power adaptor (optional)
O.S. Support	Win7/ Win8.1/ WES7/ WE8.1 Industry Pro
Expansion Slot	1 x CFast slot, 1 x full size mini PCIe slot (PCIe+USB+external SIM card slot), 1x half size mini PCIe slot (PCIe+USB)
System Weight	2Kg
Dimension (W x H x D)	217.5 x 45 x 148 mm (8.56" x 1.77" x 5.83")
Certificate	FCC / CE

I/O Ports (Front side)

USB	1 x USB 2.0
Serial Port	2x COM port, COM 3/4 for RS232
Display	1 x DVI-D
DIO	4in / 4 out
SD Card Slot	1 x external SD card slot with cover
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

I/O Ports (Rear side)

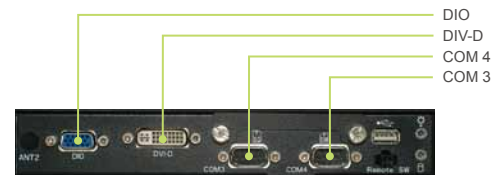
Power input	1 x 2 pin DC in terminal block, supporting 9-36V DC
Serial Port	2 ports support (COM1/2 for RS232/422/485 selectable by BIOS, RI/5V/12V selectable by jumper)
Display	1 x DVI-I
LAN	2 x LAN (10/100/1000 Mbps), with PoE as option 2 PoE support IEEE 802.3af, Max. 15.4W each port (option)
Audio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

Environment

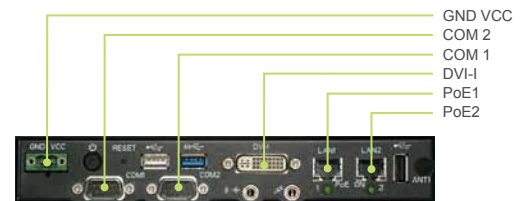
Operation Temp. (with Airflow)	0° ~ 45° C (32° ~ 122° F) (w/ ST SSD)
	0° ~ 40° C (32° ~ 104° F) (w/ HDD)
	-30° ~ 60° C (-22° ~ 140° F) (with wide temperature peripherals, w/o Audio/PoE, E3845/E3826 only)
Storage Temp.	-30° ~ 55° C (-22° ~ 131° F) (with wide temperature peripherals & PoE, w/o Audio, E3845/E3826 only)
	-30° C ~ 80° C (-22° 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 with PoE (barebone)
SE-8124RA-B0B	Intel® E3826 on board embedded PC with PoE (barebone)
SE-8124RA-C0B	Intel® J1900 on board embedded PC with PoE (barebone)
SE-8124RA-A1B	Intel® E3845 on board embedded PC w/o PoE (barebone)
SE-8124RA-B1B	Intel® E3826 on board embedded PC w/o PoE (barebone)
SE-8124RA-C1B	Intel® J1900 on board embedded PC w/o PoE (barebone)

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

Ordering Accessories

Order No	Description
SE-8120RZ-WM1	Wall mount Kit
SE-8122RZ-DIN	DIN Rail mounting Kit
52-002-11072302	72W, 24V DC power adaptor
52-002-05120001	120W, 24V DC power adaptor