

SE-8122



Slim and Fanless Embedded PC



Features

- Intel® N2800/D2550 processor
- Fanless and compact size PC
- Maximum support 2 x LAN, 6 x USB2.0 and 4 x Serial port, 4 in/ 4 out Digital IO , 1 x SIM card slot
- Support wide temperature 0°C ~ 55°C (for Wide temperature CFast card)
- Support 9~36V wide range DC -in

Specifications

System

| | |
|-----------------------|--|
| CPU Support | Intel®N2800/D2550 CPU on board |
| Chipset | Intel® NM10 |
| Memory Support | 1 x DDR3 SO-Dimm socket up to 4GB memory |
| 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 power adaptor (optional) |
| Operating System | Win7(32-bit) |
| Expansion Slot | 1 x CFast slot , 1 x mini-PCIe slot, 1 x SIM card slot |
| System Weight | 2 Kg |
| Dimension (W x H x D) | 217.5 x 45 x 148 mm |
| Certificate | FCC / CE |

I/O Ports (Front side)

| | |
|-------------|-------------------------------------|
| USB | 4 x USB2.0 |
| Serial Port | 2 ports support (COM 3/4 for RS232) |
| Digital I/O | 4in / 4out |

I/O Ports (Rear side)

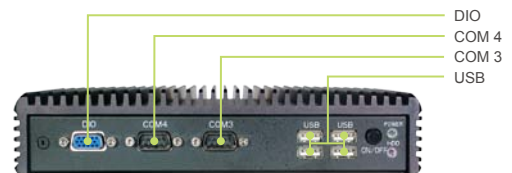
| | |
|-------------|---|
| Display | 1 x DVI-I |
| USB | 2 x USB2.0 |
| Audio | 1 x Line out, 1 x Mic in |
| LAN | 2 x 10/100/1000 LAN |
| Serial Port | 2 ports support (COM1 for RS232, COM2 for RS232/422/485, COM1/2 RI/5V/12V selectable) |
| SIM card | 1 x SIM card slot |

Environment

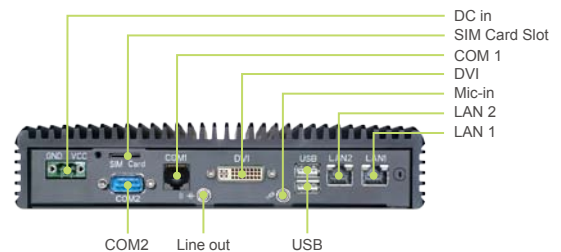
| | |
|-----------------|---|
| Operation Temp. | HDD:0°C ~45°C (32°F~113°F)(with Airflow) Wide temperature CFast card:0°C ~ 55°C (32°F~131°F)(w/o Audio) (with Airflow) |
| Storage Temp. | - 20°C ~ 70°C (- 4°F~158°F) |
| Humidity | 20% ~ 90% |

* 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-8122RB-A0B | Intel® N2800 CPU + 1 x DVI-I + 4 x COM + 2 x LAN + 6 x USB2.0 + 1 x D I/O(4in/4out) + 1 x SIM card slot |
| SE-8122RB-B0B | Intel® D2550 CPU + 1 x DVI-I + 4 x COM + 2 x LAN + 6 x USB2.0 + 1 x D I/O(4in/4out) + 1 x SIM card slot |
| 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

- Factory Automation