

# SE-8122



Intel® Atom™ N2800/D2550 slim and fanless embedded PC



## Features

- Intel® Atom™ N2800/D2550 processor
- Fanless and compact size EPC
- Maximum support
  - 2 x GbE LANs
  - 6 x USB2.0
  - 4 x serial ports
  - 4in / 4out digital IO
  - 1 x SIM card slot
- Wide range temperature 0°C ~ 55°C with wide temperature CFast
- Wide range voltage DC in (9~36V)

## Specifications

### System

CPU Support	Intel® Atom™ N2800/D2550 CPU on board
Chipset	Intel® NM10
Memory Support	1 x DDR3 SO-DIMM, up to 4GB
Watchdog	1~255 seconds watchdog timer selectable
Drive Bay	1 x 2.5 inch SATA HDD or SSD
Power Input	DC in 9~36V
Power Adaptor	DC in 24V, 72W
Operating System	Win7(32-bit), Ubuntu14.04
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	COM 3/4 for RS232
Digital I/O	4in / 4out

### I/O Ports (Rear side)

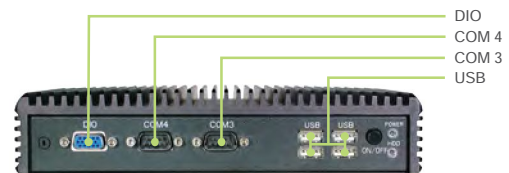
Display	1 x DVI-I
USB	2 x USB2.0
Audio	1 x Line-out, 1 x MIC
LAN	2 x GbE LANs, Wake-On-LAN, PXE LAN 1: RTL8111F LAN 2: RTL8111F
Serial Port	COM1 for RS-232, COM2 for RS-232/422/485 COM1/2 RI/5V/12V selectable by jumper
SIM Card	1 x SIM card slot

### Environment

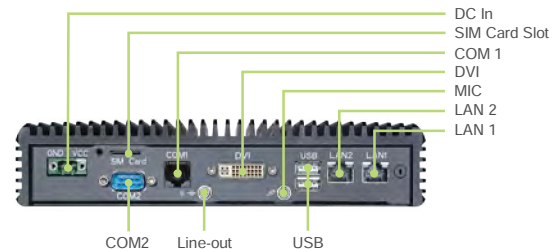
Operation Temperature (with airflow)	HDD: 0°C ~45°C (32°F~113°F) Wide range temperature CFast: 0°C ~ 55°C (32°F~131°F) w/o audio
Storage Temperature	- 20°C ~ 60°C (- 4°F~140°F)
Humidity	20% ~ 90%

\* 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 + NM10 embedded PC (barebone)
SE-8122RB-B0B	Intel® D2550 + NM10 embedded PC (barebone)

\* 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
SE-8124RZ-WL3	Wi-Fi kit (0°C ~70°C)
52-002-11072302	72W DC 24V power adaptor