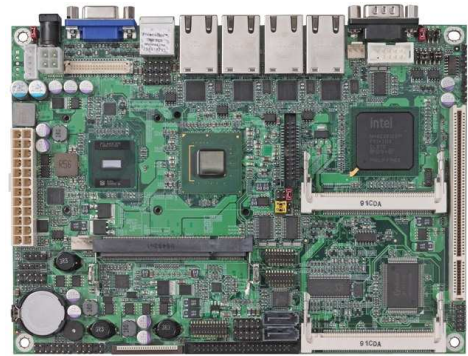


**5.25" SBC with Intel® Atom processor, DDR2, four Gigabit Ethernet, HDTV, LVDS, DVI, VGA, HD Audio, Six COM ports, CompactFlash, Mini-PCI, PCI, 9~24V DC-IN**



## Features

- Supports Intel Atom N270 Processor
- Supports DDR2 SO-DIMM up to 2GB
- Built-in Intel GMA950 Graphics
- Built in High Definition Audio
- Four 10/100/1000Mbps Gigabit LAN interface
- Two Mini-PCI and one PCI Expansions

## CPU

- Onboard Intel Atom N270 Processor with 533MHz FSB

## Chipset

- Intel 945GSE and ICH7M

## System Memory

- 1 x 200-pin DDR2 SO-DIMM slot supports up to 2GB

## Display Interface

- Built-in Intel GMA950 Graphics
- LCD interface 18-bit dual channel LVDS
- Onboard HDTV interface
- Optional secondary 18/24-bit LVDS or DVI interface

## Audio

- Integrated Intel High Definition audio

## Ethernet

- Four 10/100/1000Mbps LAN interfaces, IEEE802.3U compliant with Intel 82547L

## I/O Interface

- 2 x SATA interface with 150MBps transfer speed
- 5 x RS232 & 1 x RS232/422/485 serial ports
- 1 x PS/2 keyboard/mouse port
- 8 x USB 2.0 ports
- 1 x SMBus, 1 x SPDIF, 1 x IrDA
- 1 x 8-bit GPIO interface

## Onboard Expansion

- 2 x Mini PCI
- 1 x PCI

## Power Requirement

- DC 9V~24V input

## Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10% ~ 95% relative humidity, non-condensing

## Dimension

- 146 x 203mm

## Ordering Information

- |                      |   |
|----------------------|---|
| <b>SBE-5231A4GL</b>  | 5.25" SBC with Intel® Atom N270 CPU, 4 x Giga LAN, VGA, 18-bit LVDS, HDTV             |
| <b>SBE-5231A4GDL</b> | 5.25" SBC with Intel® Atom N270 CPU, 4 x Giga LAN, <b>DVI</b> +VGA, 18-bit LVDS, HDTV |