



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

Onboard Expansion

- (2) Mini PCI
- (1) 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

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

