



**3.5" Embedded SBC supports
Intel Core 2 Duo CPU,
CRT/LCD, HDTV, Dual LAN,
Audio, Mini PCI Express**



Features

- Supports mobile Intel Core 2 Duo CPU
- Supports DDR3 SO-DIMM up to 2GB
- Built-in Intel GMA 4500MHD Graphics
- Built in High Definition Audio
- Dual 10/100/1000Mbps Gigabit LAN interface
- One Mini-PCI and one Mini PCI Express Expansions

CPU

- Onboard socket478 supports Intel Core 2 Duo CPU with 667/800/1066MHz Front Side Bus

Chipset

- Intel GM45 and ICH9M

System Memory

- 1 x 204-pin DDR3 SO-DIMM slot supports up to 2GB

Display Interface

- Built-in Intel GMA 4500MHD Graphics
- AVC/VC1/MPEG2 full hardware decode
- LCD interface 24-bit dual channel LVDS
- Supports HDTV output

Audio

- Integrated Intel High Definition audio

Ethernet

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

I/O Interface

- 2 x SATA interface with 300MBps transfer speed
- 1 x RS232 & 1 x RS232/422/485 serial ports
- 1 x PS/2 keyboard/mouse port
- 4 x USB 2.0 ports
- 1 x SMBus, 1 x SPDIF, 1 x IrDA
- 1 x 8-bit GPIO interface

Onboard Expansion

- 1 x Mini PCI Express
- 1 x Mini PCI socket

Power Requirement

- DC 12V input

Environment Spec

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

Dimension

- 146 x 101mm

Ordering Information

SBE-6224A2GNL

3.5 inches embedded SBC supports Intel Core 2 Duo CPU, VGA, audio, dual Gigabit LAN, USB, LVDS, HDTV, Mini PCI, Mini PCI Express, GPIO