

AMD® Dual Core 3.5" Embedded SBC with AMD® T40N APU, VGA/LVDS/HDMI, Dual LAN and PCI Express Mini Card



Features

- AMD® T40N APU @ 1.0GHz (fanless)
- SO-DIMM supports DDR3 1066 max. up to 8GB
- AMD® A50M Controller Hub
- Integrated AMD® Radeon™ HD 6290 Graphics
- Dual Gigabit LAN interface
- 5.1 Channels High Definition Audio

CPU

- AMD® T40N, 1.0GHz, 2x 512KB L2, 9W TDP, dual-core
- Fanless cooling system with heatsink only

Chipset

- AMD® A50M Controller Hub

System Memory

- (1) 204-pin SO-DIMM supports DDR3 1066 up to 8GB

Display Interface

- Integrated AMD® Radeon™ HD 6290 Graphics
- Supports AMD® Turbo Core 2.0 technology
- VGA/HDMI/24-bit Dual Channel LVDS outputs

Audio

- Realtek® ALC886 5.1-channel High Definition Audio

Ethernet

- Dual Realtek® RTL8111DL Gigabit Ethernet Controllers

I/O Interface

- (2) RS-232/422/485 serial ports
- (4) USB 2.0 ports
- (1) CompactFlash Type II socket (solder side)
- (1) Serial ATA with 300Mbps transfer rate
- 8-bit GPIO interface

Onboard Expansion

- (1) PCI Express Mini Card socket (solder side)
- (1) daughterboard expansion interface for (2) PCIe x1, (4) USB 2.0 and (1) LPC

Power Requirement

- 12V DC-in jack

Environment Spec

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

Dimension

- 146 x 102mm

Ordering Information

SBE-3601A2GNL

3.5" SBC with AMD® T40N APU with VGA/LVDS/HDMI, Dual Gigabit Ethernet, Audio, (2) COM and PCI Express Mini Card