

SBE-4B02 ANL

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

**5.25" P4
Embedded
Board with 845G
Chipset, DDR SDRAM,
TV-Out / LVDS / CRT VGA,
ICH4 LAN, AC97 Codec
Audio, PCI Slot,**



Features

- Socket 478 for Intel P4 CPU, 1.3 ~ 3.06 GHz
- Intel 845G Chipset; 533/400MHz FSB
- 2x 184-pin DDR DIMM sockets, supports up to 2GB PC200 / 266 DDR SDRAM
- Chipset Integrated LAN / VGA for CRT support
- Secondary 10/100Mbps LAN / Gigabit LAN (optional)
- Chronitel CH7017 TV Encoder / LVDS transmitter
- AC97 Audio, 4 COM, 4 USB 2.0 ports, 1PCI Slot

CPU

Socket 478 Intel P4 1.3 GHz ~ 3.06 GHz, 533/400MHz FSB.

Chipset

Intel 845G

System Memory

2x 184-pin DDR DIMM slots, support up to 2GB PC200/266 DDR SDRAM.

BIOS

Award BIOS, supports ACPI function.

VGA Controller

Intel 845G chipset integrated, AGP 4X
Chronitel CH7017 TV Encoder / LVDS Transmitter, supports TV-Out or LVDS (supports dual channel).

IDE Interface

Built-in ICH4; two enhanced IDE supports up to 4 IDE devices, includes UDMA33/66/100, PIO Mode 4 and bus master.

Expansion Slot

1 PCI slot supports 2 masters.

Ethernet

Primary LAN: Intel ICH4 integrated Ethernet with optional
Secondary LAN: Intel 82540EM Gigabit LAN.

Audio

ICH4 integrated audio with AC97 Codec.

LPC I/O

Winbond 83627HF, supports:

Serial Ports:	COM1/3/4 RS-232 and COM2 RS-232/422/485
Parallel Port:	1x parallel port
FDD Port:	Slim 26-pin connector, supports 2.88MB FDD
Universal Serial Bus:	4x USB ports, 1.1 and 2.0 compliant
IR Interface:	1x IrDA port
Keyboard/Mouse Connector:	pin header

Watchdog Timer

256-level generates NMI or system reset.

Power Consumption

+ 5V: 5.7A, + 12V: 8.5A (P4 1.8GHz with 512MB DDR SDRAM)
+ 5V: 6.35A, + 12V: 6.2A (P4 2.2GHz with 512MB DDR SDRAM)

Power Connector

ATX 12V power connector.

Environment

Operating Temperature: 0°C ~ 60°C
Storage Temperature: -20°C ~ 80°C
Humidity: 10% ~ 90% RH, non-condensing

Dimensions

203 x 146 mm (8" x 5.75")

Ordering Information

SBE-4B02 ANL Single 10/100BT LAN
SBE-4B02 A2NL 10/100BT LAN + Gigabit LAN

Contact Information

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