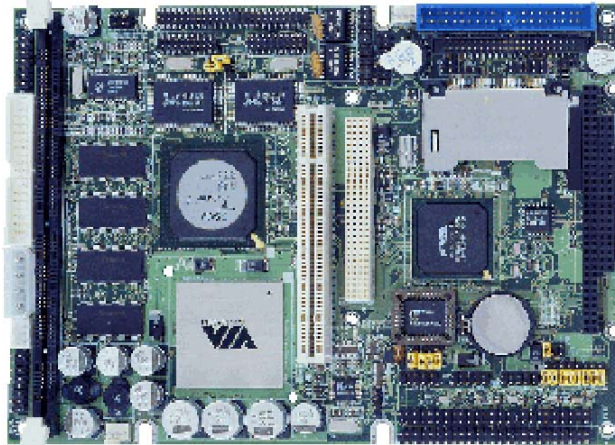


SBE-5208 A2NL

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

5.25"
Embedded VIA
Eden Littleboard
with LVDS/TTL Flat
Panel/CRT SVGA, Dual
LAN, Audio, PC/104-plus
interface, Compact Flash inter-
face



Features

- Embedded VIA Eden 533 MHz CPU 133MHz FSB
- Onboard 128/256 MB PC133 SDRAM
- (1) 168-pin DIMM socket, supports up to 512MB PC133 SDRAM
- Dual 10/100 Mbps LAN interface
- S3 Savage4 4xAGP 3D/2D SVGA controller supports LVDS, TTL flat panel and CRT
- AC97 3D Audio interface
- PC/104-plus interface supports PC/104 and PC/104+ interface modules

CPU

Onboard VIA EDEN 5000 CPU 533 MHz; 133 MHz FSB.

Chipset

VIA/S3 TwisterT PN133T chipset with VIA 8606 and 686B

System Memory

Onboard optional 128/256 MB SDRAM plus one 168-pin DIMM socket supports up to 512MB SDRAM makes the total memory up to 768MB PC133 SDRAM.

BIOS

Phoenix Award 2MB PnP flash BIOS

VGA/LCD Controller

S3 Savage4 4xAGP 3D/2D SVGA controller with up to 32MB video memory shared with system memory supports 24-bit LVDS, TTL flat panel and CRT display.

IDE Interface

Dual Ultra ATA/100 bus master IDE channels up to 4 ATAPI devices.

Expansion Slot

- (1) PCI slot supports (2) PCI bus master add-on cards with riser card.
- (1) PC/104-plus interface supports PC/104 and PC/104+ modules.

Ethernet

Dual 10/100 Mbps LAN interfaces, IEEE802.3U compliant with RTL8100B.

Audio

AC97 3D audio interface with line-in, line-out, CD-in, Mic-in.

Flash Memory Disk

Compact Flash type II socket, default as 2nd slave IDE. Supports CFC and/or IBM MicroDrive up to 1GB flash memory.

I/O Ports

Serial Ports:	(3) RS-232 and (1) RS-232/422/485 COM ports
Parallel Port:	(1) SPP/ECP/EPP parallel port
FDD Port:	(1) FDD port, supports up to (2) FDDs
Universal Serial Bus:	(4) USB 1.1 ports
IR Interface:	(1) IrDA port
Keyboard/Mouse Connector:	(1) PS/2 connector

Watchdog Timer

6-level generates NMI or system reset.

Realtime Clock

VIA 686B integrated RTC with Li battery.

Power Requirement

+5V@2.9A, +12V@0.1A (533MHz VIA Eden, 128MB)

Environment

Operating Temperature: 0°C ~ 60°C

Dimensions

203 x 146 mm (8" x 5.75")

Ordering Information

SBE-5208 A2NL-128	with onboard 128 MB SDRAM
SBE-5208 A2NL-256	with onboard 256 MB SDRAM

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