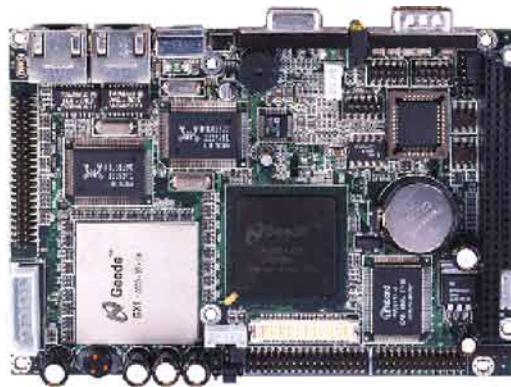


SBE-3206 A2NL

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

**3.5" Embedded
Mini-Board with
GX1-300 CPU, SVGA
(CRT/LCD), Dual LAN,
Audio, PC/104 and Watchdog**



Features

- Embedded NS Geode GX1 300 MHz low power CPU
- 1x 144-pin SODIMM slot supports up to 256MB SDRAM
- NS Geode GX1 CS5530A chipset
- CS5530A built in flat panel / CRT SVGA controller
- Dual RTL8139C 10/100Mbps LAN interface
- AC97 3D Audio interface

CPU

Onboard NS Geode GX1 300 MHz embedded low power CPU, x86 compliant.

Chipset

NS Geode GX1 CS5530A.

System Memory

One 144-pin SODIMM slot supports up to 256 MB SDRAM.

BIOS

Award® BIOS.

VGA Controller

CS5530A built-in flat panel/ CRT SVGA controller with 4 MB of video memory shared with system memory. Up to 18-bit TFT display, 1280x1024 @64K, 1024 x768 @16M colors.

PCI Enhanced IDE

One Ultra ATA/33 bus master IDE channel, up to 2 ATAPI devices.

Expansion

PC/104 interface supports additional ISA-based PCI/104 interface modules.

Ethernet

Dual RTL8139C 10/100 Mbps LAN interfaces. 10/100 base-TX Fast Ethernet, auto switching., IEEE802.3U compliant. Dual RJ 45 connectors.

Audio

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

Flash Memory Disk

Compact Flash type-II socket. Default set as bootable, secondary slave ATAPI device. Supports compact flash card (CFC) or IBM MicroDrive embedded flash disk. Memory capacity up to 1 GB.

I/O Ports

Serial Ports:	One RS-232 COM1 and one jumper selectable RS-232/422/485 COM2
Parallel Port:	One bi-direction parallel port supports SPP/ECP/EPP mode
FDD Port:	1x FDD port
Universal Serial Bus:	2 x USB 1.1 ports
IR Interface:	1 x IrDA by pin header
Keyboard/Mouse Connector:	External 6-pin Mini-Din PS/2

Watchdog Timer

256-level generates NMI or system reset watchdog timer.

Real Time Clock

NS Geode GX1 CS5530A chipset built-in RTC with onboard lithium battery.

Power Consumption

+5V only

Environment

Operating Temperature:	0°C ~ 60°C
Storage Temperature:	-20°C ~ 70°C
Humidity:	5% ~ 95% RH, non-condensing

Dimensions

146mm x 101mm (3.5" HDD size)

Ordering Information

SBE-3206 A2NL Standard Product

Contact Information

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