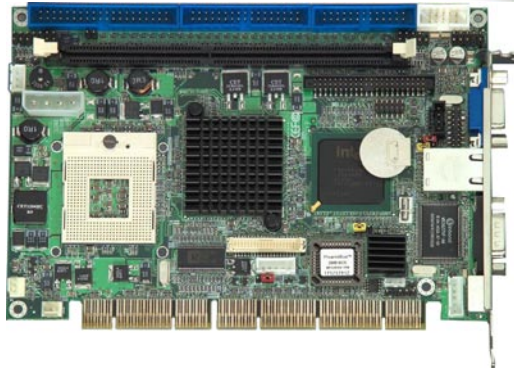


# SBH-4217AGNL

**AICSYS**  
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

**PISA Bus Half-size SBC card features Intel Pentium M & Celeron M CPU, with Intel 855GME & ICH4, 1GB DDR SDRAM (ECC), Gigabit Ethernet, Audio, Compact Flash, 8-bit Digital I/O, 24-bit Dual LVDS Interface.**



## Features

- Intel® Pentium M & Celeron M @ FSB 400MHz
- Intel 82855GME and 82801DB
- (1) 184 pin DDR DIMM support up to 1.0GB DDR333 SDRAM. ECC supported.
- Intel 82540EM Gigabit Ethernet Controller
- Dual channel 24-bit interface for LVDS
- Watchdog Timer

## CPU

Intel Pentium M & Celeron M @ FSB 400MHz.

## Chipset

Intel 82855GME & ICH4.

## System Memory

(1) 184 pin DDR DIMM to support up to 1.0GB DDR266/333 SDRAM Supports unbuffered ECC memory.

## BIOS

Award® BIOS; ACPI 1.0 compliant.

## VGA Controller

Intel 855GME GMCH built-in 256bit 2D/3D VGA controller, with 64 MB of video memory shared with system memory. Up to 24-bit Dual LVDS TFT LCD panel Inverter connector on board.

## IDE Interface

PCI Enhanced IDE with Dual Ultra ATA, up to (4) ATAPI devices.

## Ethernet

Intel 82540EM Gigabit Ethernet Controller.

## Audio

ICH4 built-in AC97 3D audio controller with ALC201A.

## Flash Memory Disk

Onboard Compact Flash Type-II socket .

## PCI enhanced IDE

Supports two IDE channels & up to four IDE drives Supports \*Ultra DMA 33/66/100.

## Watchdog Timer

256-level generates system reset programmable watchdog timer.

## Realtime Clock

Integrated RTC with onboard lithium battery.

## I/O Ports

Serial Ports:	(2) Serial ports , one internal and one external.
Parallel Port:	(1) Bi-direction parallel port supports SPP/ECP/EPP mode
FDD Port:	(1) Floppy disk port
GPIO Port:	(1) 12-pin Digital I/O connector with 8-bit programmable I/O interface
Universal Serial Bus:	(2) USB v2.0 ports
IR Interface:	(1) IrDA header
Keyboard/Mouse Connector:	(1) PS/2 connector

## Form Factor

Half Size ISA bus CPU Card / Slot PC.

## Power Requirement

+5V@1.7A, +12V@0.1A (533MHz VIA Eden, 128MB)

## Environment

Operating Temperature: 0°C ~ 60°C  
Storage Temperature : -20° ~ 85°C  
Humidity : 5% to 95% RH, non-condensing

## Dimensions

185 x 127 mm (7.28"L x4.9" H)

## Ordering Information

SBH-4217AGNL                      Standard Product

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