

SBH-2205 2NL

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

**Half Size
ISA Embedded
Tillamook CPU card
with LCD/CRT SVGA, Dual
LAN, Watchdog and DOC**



Features

- Embedded Low Power Intel Pentium 266MHz CPU with MMX
- Low Profile 144-pin SO-DIMM Slot, up to 256 MB
- Onboard Flat Panel / CRT 3D SVGA with 2 MB on-die SGRAM
- Onboard Dual 10/100 Mbps LAN
- PC/104 Interface for 8/16bit ISA-based PC/104 embedded peripheral
- DiskOnChip Interface

CPU

Embedded Low Power Intel Tillamook 266 MMX CPU (Tillamook).

Chipset

Intel 430TX with Intel 82439TX and PIIX4E.

System Memory

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

BIOS

Phoenix-Award 2Mb PnP flash BIOS.

VGA/LCD Controller

SMI LynxEM+ SM712 flat panel / CRT SVGA controller with 2 MB on-die SGRAM video memory.

IDE Interface

One UltraDMA/33 IDE channel up to 2 ATAPI devices with 44-pin connector.

Expansion Bus

PC/104 supports 8/16 bit ISA PC/104 embedded modules.

Ethernet

Dual 10/100 Mbps Fast Ethernet interface with RTL8139C.

Flash Memory Disk

Reserved socket for DiskOnChip from M-System, supports up to 576MB flash memory disk.

I/O Ports

Serial Ports:	2x Serial ports with COM1 as RS-232 and COM2 as RS-232/422/485 by jumper selectable
Parallel Port:	One bi-direction parallel port supports SPP/ECP/EPP
FDD Port:	1x floppy disk drive port
Universal Serial Bus:	2x USB ports, version 1.1 compliant
IR Interface:	Supports 1 IrDA header
Keyboard Header:	Internal AT 5-pin header
Keyboard/Mouse Connector:	External 6-pin Mini-Din PS/2

Watchdog Timer

Generates NMI or system reset.

Realtime Clock

Chipset integrated RTC with onboard lithium battery.

Power Requirement

+5 V, + 12 V, 12V @ 50mA (Max.).

Environment

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

Dimensions

185 mm x 122 mm (7.28"x4.9")

Net Weight

0.4 Kg

Ordering Information

SBH-2205 2NL

Standard Product

Contact Information

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