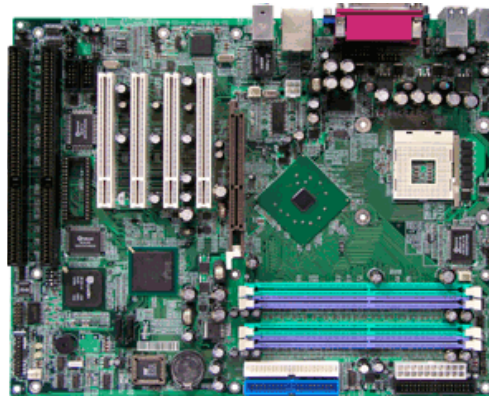


MBC-4B05 AN

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

**ATX
Motherboard
Socket 478 Intel
Pentium4 Hyper-
Threading Technology with
Intel 875P Chipset, DDR SDRAM,
SMI SM712 4M VGA Controller,**



Features

- Socket-478 Pentium® 4 Hyper-Threading Technology, up to 3GHz
- Intel® 875P chipset with 800/533 MHz FSB
- SMI SM712 4M VGA for CRT
- Primary LAN: ICH5 integrated Ethernet, 10-T/100Base-TX
- Optional LAN Intel 82547GI Gigabit LAN
- ICH5R integrated audio with AC97 Codec, ALC650 (5.1 channel)
- (2) SATA ports with RAID 0 or 1

CPU

Socket 478 Intel® Pentium®4 Hyper-Threading Technology, up to 3.2GHz , L2 Cache 256K/512K

Chipset

Intel® 875P chipset.

System Memory

(4) 184pin DIMMs for DDR 400, up to 4GB, supports ECC.

BIOS

Award BIOS, ACPI supported.

VGA Controller

SMI SM712 4M VGA for CRT.

IDE Interface

(2) EIDE channels for PIO mode 4 and bus master.

Expansion Slots

(1) AGP 8X , (4) PCI, and (2) ISA.

Ethernet

ICH5R integrated Ethernet, 10-T/100Base-TX, Optional Secondary LAN: Intel 82547GI Gigabit LAN.

Audio

ICH5R integrated audio with AC97 Codec, ALC650(5.1 channel).

Flash Memory Disk

Reserved socket for DiskOnChip from M-System, support up to 512MB DOC flash disk.

I/O Ports

Serial Ports:	(1) RS-232/422/485 and (3) RS-232 ports
Parallel Port:	One bi-direction parallel port supports SPP/ECP/EPP mode
FDD Port:	(1) FDD port, supports up to 2 floppy devices
Universal Serial Bus:	(6) USB ports (USB 1.1 and 2.0 compliant)
IR Interface:	(1) IrDA Header
Digital I/O:	(4) Input and (4) Output
Keyboard/Mouse Connector:	External 6-pin Mini-Din PS/2

Watchdog Timer

256-level time-out intervals (by software program).

Health Monitoring

Winbond W83627HF, monitoring for CPU, system temperature, voltage and fan speed.

Power Requirement

+5V@1.5A, +12V@10.5A (P4 3GHz, 2GB DDR SDRAM).

Power Connector

ATX 12V power connector.

Environment

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

Dimensions

305 mm x 244 mm (12" x 9.6")

Ordering Information

MBC-4B05 AN	P4 ATX M/B with VGA, Audio, and integrated LAN
MBC-4B05 AGN	P4 ATX M/B with VGA, Audio, and integrated Gigabit LAN

Contact Information

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