

MBC-4B06 ANL

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

**Mini-ITX Intel® 915GM
Pentium® M/Celeron® M
Mini-ITX Motherboard. VGA,
LVDS, Audio, 10/100 & Gigabit
LAN, 1394, PCI slots and Watchdog
Timer.**



Features

- Intel® Pentium® M/ Celeron® M CPU, 400/533MHz
- Intel® 915GM and ICH6-M
- Intel® 915GM build-in supports CRT & LVDS
- (1) PCI Slot, (1) PCI-E Slot 1x and (1) Mini PCI socket
- Onboard 10/100 Base-T and Marvell PCI-Express Gigabit LAN

CPU

Intel® Pentium® M/ Celeron® M CPU, 400/533MHz.

Chipset

Intel 915GM and ICH6-M.

System Memory

One 240-pin DIMM for up to 1GB DDR II 400/533.

BIOS

Phoenix Award BIOS 4MB, ACPI supported.

VGA Controller

Intel 915GM GMCH, up to 128MB shared with system memory, CRT and LCD monitor with analog display, external DB15 female connector on rear I/O panel, on-board 18-bit or 36 bit dual channel LVDS interface, on-board 40-pin LVDS connector, and on-board 8-pin TV-out connector.

IDE Interface

(1) 40-pin ultra DMA100 IDE interface supports 2 ATAPI devices. (2) Serial ATA ports.

Expansion Slots

(1) PCI Slot, (1) PCI-E Slot 1x and (1) Mini PCI socket.

Ethernet

On-board 10/100 Base-T and Marvell PCI-Express Gigabit LAN.

Audio

ICH6M built-in Audio controller + AC97 Codec ALC655 w/ 6 Channels (Line-out, Line-in, Mic.), SPDIF/OUT+ NS LM4950 8ohm 2W stereo audio power amplifier.

Flash Memory Disk

(1) Compact Flash Type I slot (rear side, optional).

I/O Ports

Serial Ports:	(2) RS-232
IEEE 1394 Port:	(1) External Port, TI TSB43LV22
FDD Port:	26-pin Slim FDD Port
Universal Serial Bus:	(6) USB 2.0 ports
IR Interface:	Supports 1 IrDA
Keyboard/Mouse Connector:	PS/2 type connector
IEEE1394:	Agere FW323 IEEE 1394 controller
Audio Ports:	RCA 3x1 & S/P DIF Audio

Watchdog Timer

System reset with 1~255 sec./min.

Power Requirement

+12V@2.48A; +5V@1.99A; +3.3V@2.48A (Intel® Pentium® M 1.4GHz/1GB DDRII/ 80GB HDD/ XP).

Environment

Operating Temperature: 0°C ~ 60°C
Storage Temperature : -20° ~ 85°C
Humidity : 10% to 90% RH, non-condensing

Dimensions

170 mm x 170 mm

Ordering Information

MBC-4B06ANL	Intel® Pentium® M CPU Socket ,with VGA, LVDS, Audio and 10/100Base-TX Fast Ethernet.
MBC-4B06AG2NL	Intel® Pentium® M CPU Socket ,with VGA, LVDS, Audio, 1394, 10/100Base-TX Fast Ethernet and Gigabit LAN.

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