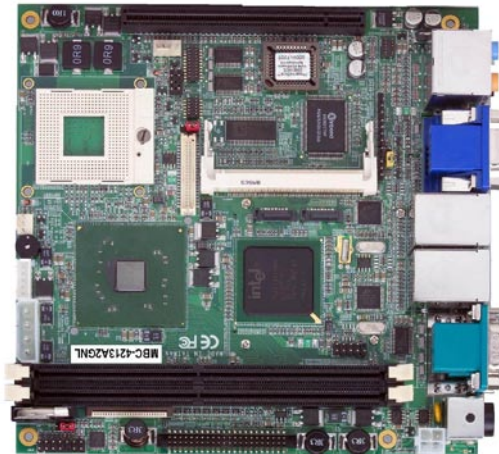


MBC-4213A2GNL

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

**Intel Pentium M Mini-ITX 915GM platform
Motherboard. VGA, LVDS,
HDTV, 7.1 channel HD Audio, dual
Gigabit LAN and PCI Express slot**



Features

- Pentium M/ Celeron M CPU, 400/533MHz
- Intel 915GM and ICH6-M
- Intel 915GM GMCH built in GMA 900 Graphics
- Build in 18bit dual channel LVDS interface and HDTV
- Dual Gigabit LAN
- 7.1 Channel & S/P DIF Audio
- PCI-Express Slot 16X
- (4) RS-232 and (6) USB 2.0 Ports
- 12VDC Input with AC Adapter

CPU

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

Chipset

Intel 915GM and ICH6-M.

System Memory

Two 240-pin DIMM for up to 2GB DDR II 400/5.

BIOS

Phoenix Award BIOS 4MB, ACPI supported.

VGA Controller

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

IDE Interface

(1) 44-pin ultra DMA33 IDE interface supports 2 ATAPI devices. (2) Serial ATA ports.

Expansion Slots

(1) mini-PCI Type III (32bit, 33MHz); (1) PCI-Express Slot 16X; (1) PCMCIA slot Type II; (1) CF slot Type I.

Ethernet

Dual Marvell E8053 PCI Express Gigabit LAN.

Audio

Intel ICH4 integrated audio system with ACL650 AC97 3D Audio Codec with 5.1 channel, Line-in, Line-out, Mic-in, CDin and S/P DIF interface.

Flash Memory Disk

CompactFlash slot Type I.

I/O Ports

Serial Ports:	2x RS-232
Parallel Port:	None
FDD Port:	(1) 26-pin Slim FDD port
Internal I/O	(2) RS-232 ports, (2) USB ports, (1) GPIO port, (1) SPDIF port, (1) CD Audio Input, (1) TV-out port, and (1) Irda port.
Universal Serial Bus:	(6) USB 2.0 ports
IR Interface:	Supports (1) IrDA
Keyboard/Mouse Connector:	PS/2 type connector
Audio/Video	RCA & S-Video TV-Out, 5.1-CH & S/P DIF Audio

Watchdog Timer

System reset with 1~255 sec./min.

Power Requirement

12V@6.3A (Pentium M / 2M/ 2.13GHz/ DDR II 512*2/ 250GB HDD/ DVD/ XP/ 17" LVDS Panel).

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-4213A2GNL Intel Pentium M CPU Socket with VGA, LVDS, HDTV, 7.1 channel HD Audio and dual Gigabit LAN
AAD-120A AC-DC Adapter, 12VDC @ 120W with 4-Pin Min DIN connector.

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