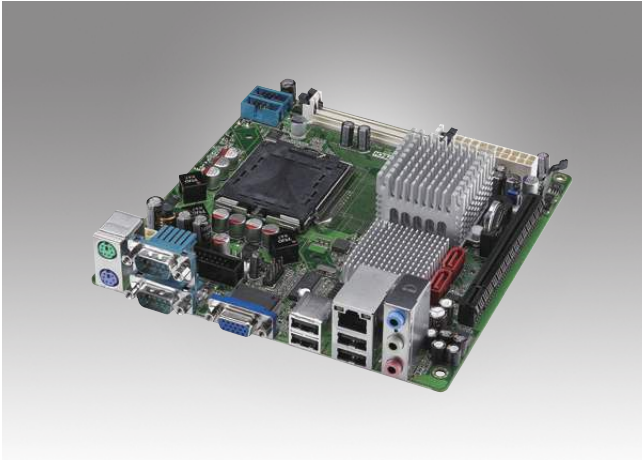




# AIMB-262



Intel® LGA775 Core™2 Duo LGA775  
Mini-ITX with CRT, 4 COM, and LAN



## Features

- Supports Intel® LGA775 Core™2 Duo/Pentium® Dual-Core/Pentium® 4/Celeron® processors with FSB 533/800/1066 MHz
- Intel 945GC and ICH7
- Two SODIMM sockets support up to 2 GB DDR2 533/667 MHz SDRAM
- Supports onboard CRT and PCIe x16 expansion for additional graphics card
- Supports SUSIAccess and Embedded Software APIs

**Software APIs:**    
H/W Monitor Watchdog

**Utilities:**    
BIOS flash Monitoring



## Specifications

Processor System	CPU	Intel Core 2 Duo	Intel Pentium Dual-Core	Intel Pentium 4	Intel Celeron	
	Max. Speed	E7400/E6700, 2.8/2.66 GHz	E2200 2.2GHz	651 3.4 GHz	440 2.0 GHz	
	Front Side Bus	1066 MHz	1066/800 MHz	800 MHz	800 MHz	
	L2 Cache	3 MB/2 MB	1 MB	2 MB	512 K	
	Chipset	Intel 945GC + ICH7				
	BIOS	Award 16 Mbit, SPI				
Expansion Slot	PCI	-				
	Mini-PCI	-				
	PCIe x16	4 GB/s per direction, 1 slot				
Memory	Technology	Dual channel DDR2 533/ 667 MHz SDRAM				
	Max. Capacity	2 GB				
	Socket	2 x 200-pin SODIMM (Non-ECC)				
Graphics	Controller	Intel Integrated Graphics Media Accelerator 950				
	VRAM	Shared system memory up to 224 MB				
Ethernet	Interface	10/100/1000 Mbps				
	Controller	GbE LAN1: Realtek RTL8111C				
	Connector	RJ-45 x 1				
SATA	Max Data Transfer Rate	300 MB/s				
	Channel	2				
Rear I/O	CRT	1				
	Ethernet	1				
	USB	4 (USB 2.0 compliant)				
	Audio	3 (Mic-in, Line-out, Line-in)				
	Serial	2 (1 x RS-232, 1 x RS-232/422/485)				
	Parallel	-				
	PS/2	2 (1 x keyboard and 1 x mouse)				
Internal Connector	USB	2 (USB 2.0 compliant)				
	Serial	2 (RS-232)				
	IDE	-				
	SATA	2				
	CompactFlash	-				
	Parallel	1				
	IrDA	-				
	GPIO	-				
Watchdog Timer	Output	System reset				
	Interval	Programmable 1 ~ 255 sec/min				
Power Requirements	Power On	Intel Core™ 2 Duo E4300 1.8GHz, 2 GB DDR2 SDRAM				
		5 V	3.3 V	12 V	5 Vsb	-12 V
		4 A	1.02 A	2.35 A	0.26 A	0.12 A
Environment		Operating		Non-Operating		
	Temperature	0 ~ 60° C (32 ~ 140° F), depends on CPU speed and cooler solution		-20 ~ 70° C (-4 ~ 158° F)		
Physical Characteristics	Dimensions	170 mm x 170 mm (6.69" x 6.69")				

