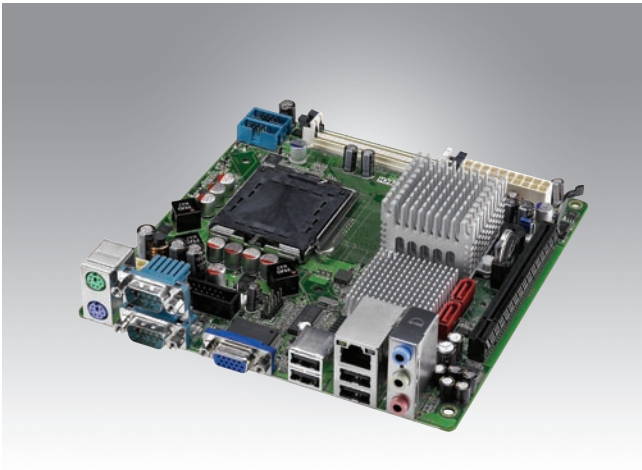


# AIMB-262

Intel® LGA775 Core™ 2 Duo Mini-ITX  
with VGA, 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 SDRAM
- Supports onboard VGA and PCIe x16 expansion for additional graphics card
- Supports single GbE LAN
- Supports 4 COM, and 6 USB
- Supports 2 SATA
- Supports optional TPM module

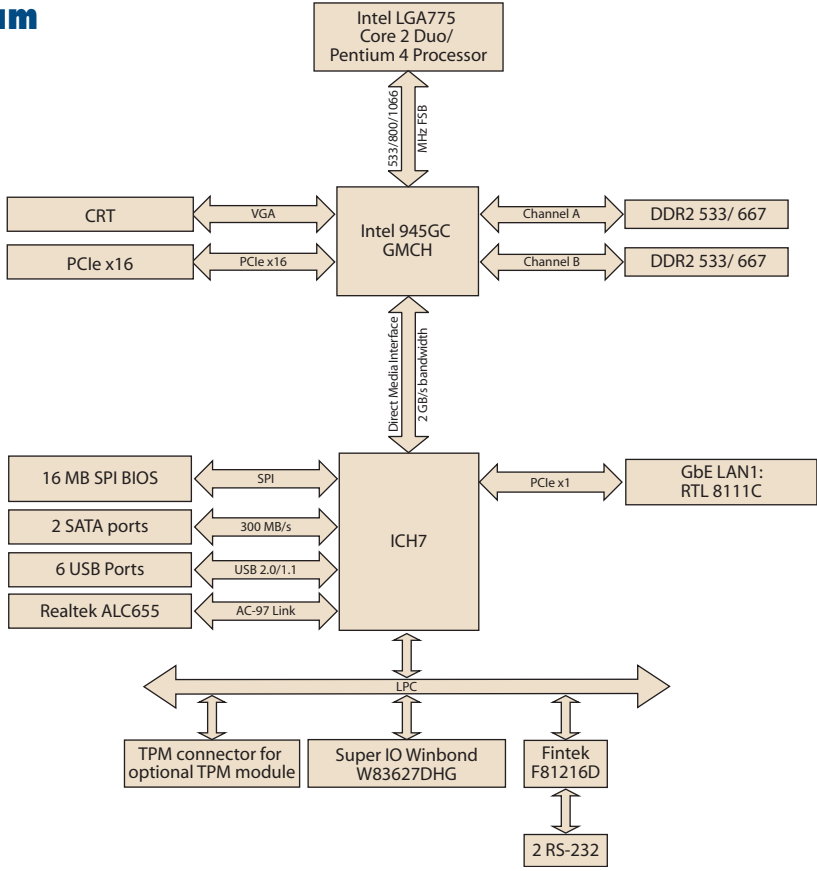


## Specifications

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	3/2 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 SDRAM				
	Max. Capacity	2 GB				
	Socket	2 x 200-pin SODIMM				
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	VGA	1				
	Ethernet	1				
	USB	4 (USB 2.0 compliant)				
	Audio	3 (Mic-in, Line-out, Line-in)				
	Serial	2 (1 of RS-232, 1 of 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	-				
	DIO	-				
Watchdog Timer	Output	System reset				
	Interval	Programmable 1 ~ 255 sec/min				
Power Requirement	Power On	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")				



### Board Diagram



### Ordering Information

Part Number	VGA	GbE LAN	COM
AIMB-262VG-00A1E	Yes	1	4

### Riser Card

Part Number	Description
AIMB-R430P-03A2E	2U riser card with 3 PCI slot expansion

### Bracket View



### Packing List

Description	Quantity
AIMB-262	x 1
SATA HDD cable	x 2
SATA Power cable	x 2
Serial cable	x 2
I/O port bracket	x 1
Startup manual	x 1
Driver CD	x 1

### Accessories

Part Number	Description
9680004525	TPM module
1700008809	Parallel port cable with bracket
1700002204	Dual port USB cable (27 cm) with bracket
1960022033T000	LGA775 CPU cooler for 2U and wallmount chassis
AIMB-DVI-00A1E	ADD2 DVI expansion card
AIMB-LVDS-00A1E	ADD2 LVDS expansion card
AIMB-VGA-00A1E	ADD2 VGA expansion card
AIMB-HDMI-00A1E	ADD2 HDMI expansion card