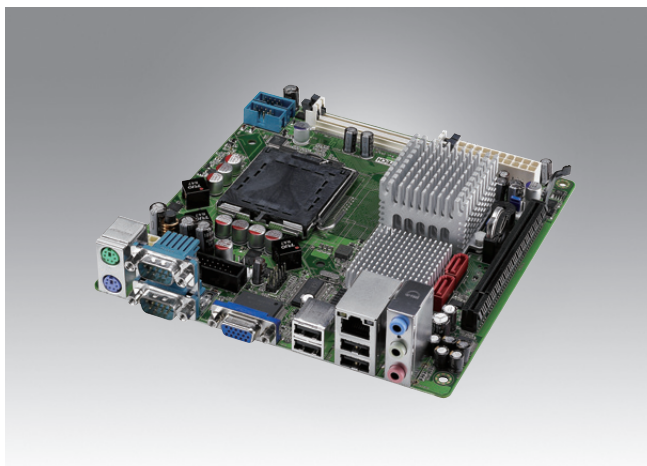


AIMB-262

**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

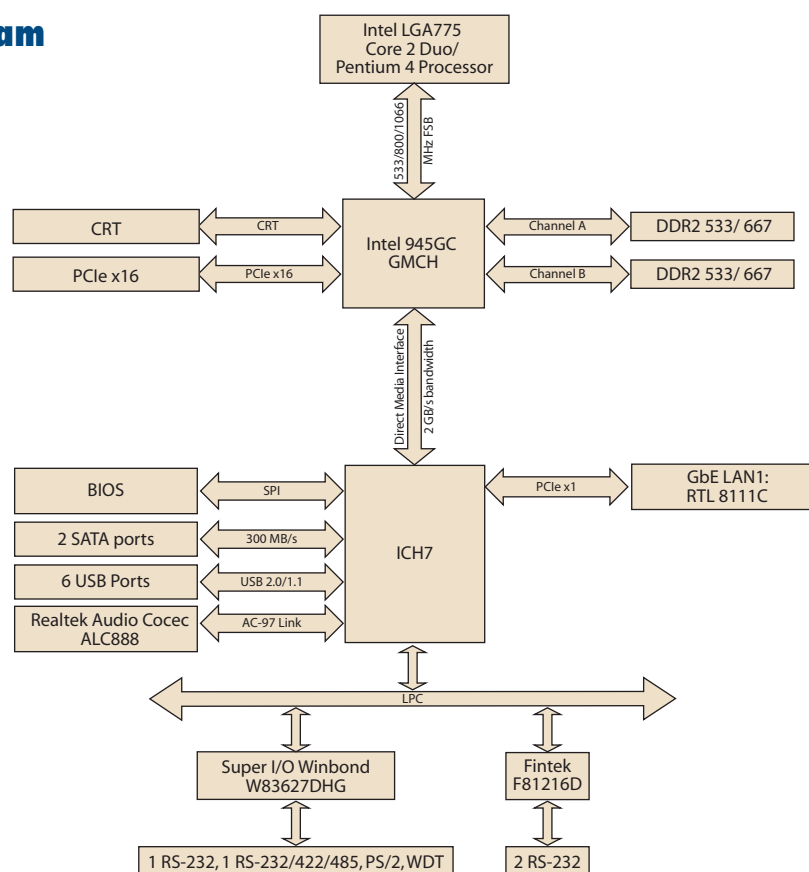


Monitoring

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")			

Block Diagram



Ordering Information

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

Packing List

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

Optional Accessories

Part Number	Description
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-LVDS-00A1E	ADD2 LVDS expansion card
AIMB-VGA-00A1E	ADD2 VGA expansion card

Embedded OS/API

OS/API	Part No.	Description
Win XPE	2070005409	XPE FP2007 AIMB-262 V3.01 ENG
	2070005410	XPE FP2007 AIMB-262 V3.01 CHT

I/O View



AIMB-262VG-00A1E