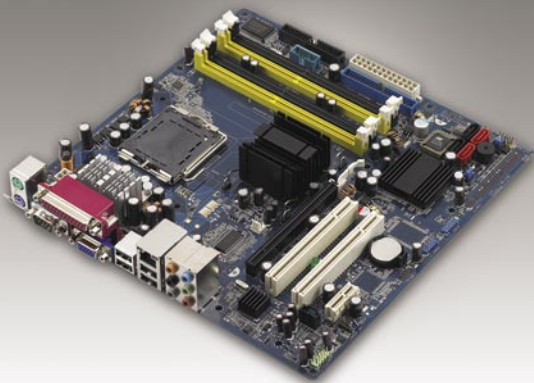


AIMB-562

**LGA 775 Core™ 2 Duo/Pentium® D/Pentium 4/
Celeron® D Processor-based microATX with
DDR2/PCIe/Single GbE LAN**

NEW



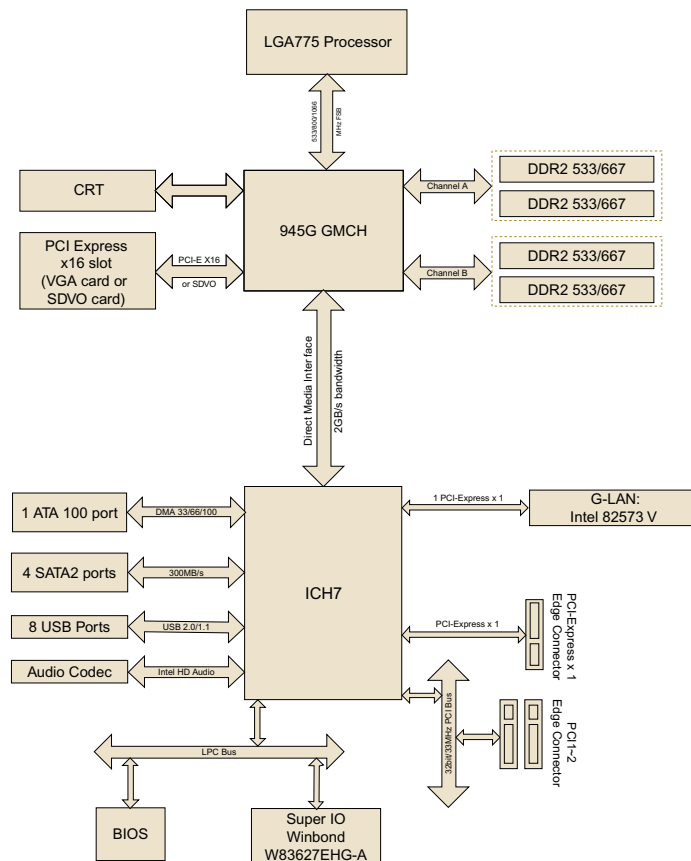
Features

- Intel® 945G chipset 533/800/1066 MHz FSB
- Supports Intel® Core™ 2 Duo processor
- Dual channel DDR2 533/667 SDRAM up to 4 GB
- Chipset integrated VGA sharing 224 MB system memory
- PCIe x16 slot for VGA card
- Four SATA II ports with 300 MB transfer rate
- Supports single 10/100/1000Base-T Ethernet via dedicated PCIe x 1 bus

Specifications

Processor System	CPU 90nm/ 65nm	Core™ 2 Duo	Pentium® D (90 nm/ 65 nm)		Pentium 4 (90 nm/ 65 nm)		Celeron D	
	Max. Speed	2.66 GHz	3.0 GHz (Dual-core)		3.8 GHz		3.06 GHz	
	L2 Cache	4 MB	1MB x 2, 2MB x 2		2 MB/1 MB		512KB/256KB	
	Chipset	Intel 945G + ICH7						
	BIOS	AMI 8 Mb FWH						
	Front Side Bus	533/800/1066 MHz						
Expansion Slot	PCIe x16	4.0 GB/s per direction, 1 slot						
	PCIe x1	250 MB per direction, 1 slot						
	PCI	32-bit/33MHz, 2 slots						
Memory	Technology	Dual channel DDR2 533/667 MHz						
	Max. Capacity	4 GB						
	Socket	240-pin DIMM x 4						
Graphic	Embedded	Chipset integrated VGA controller sharing 224 MB system memory						
	Add-on	PCIe x16 slot						
Ethernet	Interface	10/100/1000 Base-T						
	Controller	G-LAN: Intel 82573						
	Connector	RJ45 with LED connector x 1						
SATA II	Max. Data Transfer Rate	300 MB/s						
	Channel	4						
EIDE	Mode	ATA 100/66/33						
	Channel	1 (Max. 2 devices)						
I/O Interface	VGA	1						
	USB	Max. 8 (USB 2.0 compliant), 4 ports on board						
	Audio	Realtek ALC882 8 CH High-Definition Audio Codec for MIC-In, LINE-In, LINE-Out, CD Audio-In, S/PDIF						
	Serial	2						
	Parallel	1 (SPP/EPP/ECP)						
	FDD	1						
	PS/2	2						
Watchdog Timer		None						
Power Requirement	Typical	Pentium 4 3.4 GHz, 1 GB SDRAM, 80 GB HDD						
		+12 V	+5 V	+3.3 V	5 Vsb	-5 V	-12 V	
		10.36 A	3.95 A	4.5 A	1.2 A	12 mA	36 mA	
Environment		Operating					Non-Operating	
	Temperature	0 ~ 60 °C (32 ~ 140 °F), depends on CPU's speed and cooler solution					-20 ~ 70 °C (-40 ~ 158 °F)	
Physical Characteristics	Dimensions (W x D)	244 x 244 mm (9.6" x 9.6")						

Block Diagram



Ordering Information

Part Number	VGA	Gigabit LAN
AIMB-562VG-00A1E	v	Single

Packing List

Description	Quantity
FDD cable	X 1
IDE HDD cable	X 1
Serial ATA HDD data cable	X 2
Serial ATA HDD power cable	X 2
COM port cable kit	X 1
I/O port bracket	X 1
Startup manual	X 1
Utility CD	X 1

Accessories

Part Number	Description
1750000334	LGA 775 CPU cooler (115W)