

AIMB-266

Intel® Core 2 Duo Mini ITX
Motherboard with 6 COM, Dual
GbE, and PCIe x 16

Preliminary

Features

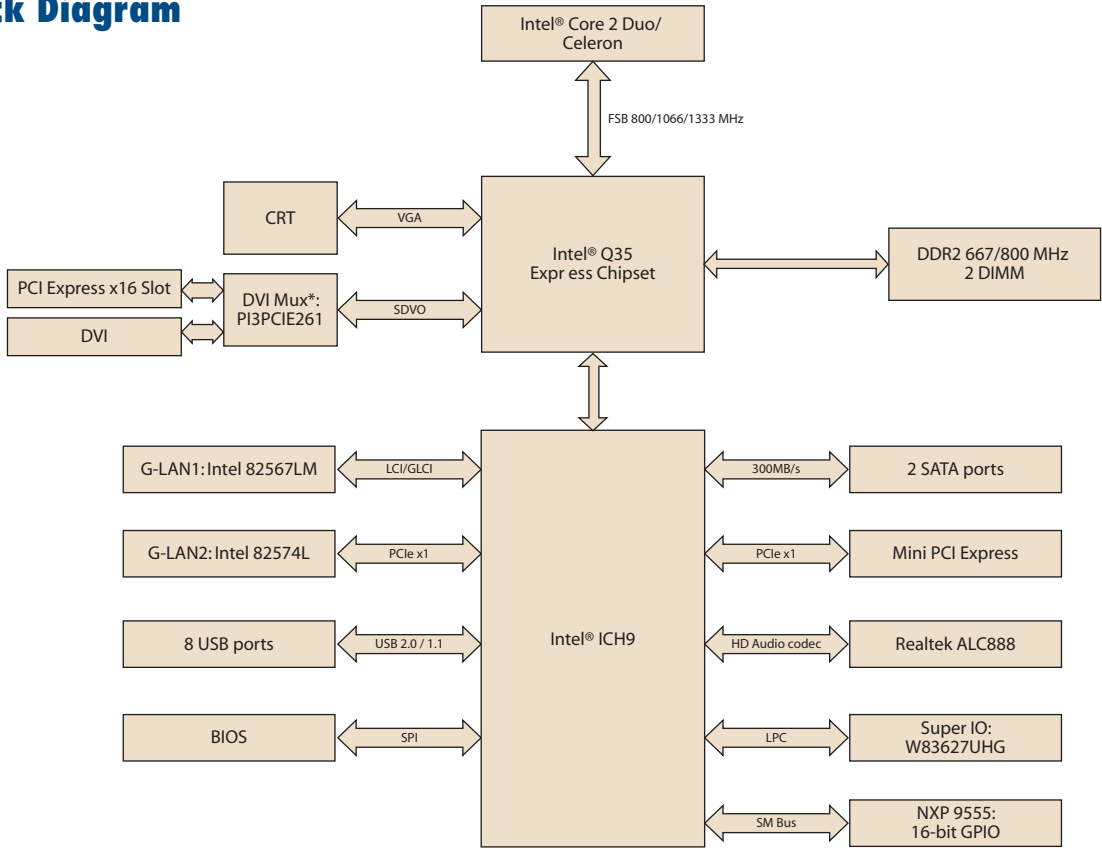
- Supports Intel LGA775 Core 2 Duo Processor
- Intel Q35 and ICH9 chipset
- Two DIMM up to DDR2 667/800 4 GB SDRAM
- Intel Graphics Media Accelerator 3100
- Intel 5.1 CH HD Audio, S/PDIF
- Intel 82567LM and Intel 82574L dual GbE LAN
- 1 PCIe x 16
- 6 COM, 2 SATA, 8 USB 2.0



Specifications

Processor System	CPU	Intel® Core™ 2 Duo	Intel Pentium dual core	Intel Celeron
	Max. Speed	3.0 GHz	1.8 GHz	2.0 GHz
	Front Side Bus	1333 MHz	800 MHz	800 MHz
	L2 Cache	6 MB	1 MB	512KB
	Chipset	Intel Q35 + ICH9		
Expansion Slot	BIOS	Award 16Mb SPI		
	PCI	None		
	Mini-PCI	Mini PCIe		
	PCIe	PCIe x 16		
Memory	Technology	DDR2 667/800 SDRAM		
	Max. Capacity	4 GB		
	Socket	Two 240-pin DIMM socket		
Graphic	Controller	Intel Q35 GMCH integrated Graphics Media Accelerator 3100		
	VRAM	Intel DVMT 3.0 supports 256 MB video memory		
	LVDS	None		
	VGA	1		
	TV-Out	None		
	DVI	DVI-D		
	Dual Display	CRT + DVI		
Ethernet	Interface	10/100/1000Base-T		
	Controller 1	LAN 1 Intel 82567LM LAN (via LCI/GLCI)		
	Controller 2	LAN 2 Intel 82574L LAN (via PCIe x 1)		
	Connector	RJ-45 x 2		
SATA	Max Data Transfer Rate	300 MB/s		
	Channel	2		
EIDE	Mode	None		
	Channel	None		
Rear I/O	VGA	1		
	Ethernet	2		
	USB	4 (USB 2.0 compliant)		
	Audio	Mic in, Line in, Line out		
	Parallel	None		
	Serial	2 (COM 1: RS-232; COM 2: RS-232/422/485)		
	PS/2	2 (1 x K/B and 1 x Mouse)		
Internal Connector	LVDS & Inverter	2		
	USB	4 (USB 2.0 compliant)		
	Serial	4 (RS-232)		
	SATA	2		
	Compact Flash	None		
	DIO	16-bit General Purpose I/O for DI and DO		
Watchdog Timer	Output	Interrupt, system reset		
	Interval	Programmable 1 ~ 255 sec		
Power Requirement	Typical	TBD		
		TBD		
		TBD		
Environment	Operating			
	Temperature	0 ~ 60° C (32 ~ 140° F)		
Physical Characteristics	Dimensions	170 mm x 170 mm (6.69" x 6.69")		

Block Diagram



Note: * The DVI port will be disabled when the PCIe x16 Graphic card is installed. Likewise, when the rear DVI port is in use, there will be only PCIe x1 bandwidth on PCIe slot.

Ordering Information

Part Number	VGA	DVI	GbE LAN	Mini PCIe
AIMB-266G2-00A1E	v	v	Dual	v

Bracket View

Packing List

Description	Quantity
AIMB-266 SBC	X 1
SATA data Cable	X 2
SATA power cable	X 2
CPU Cooler	X 1
I/O port bracket	X 1
Startup Manual	X 1
Driver CD	X 1