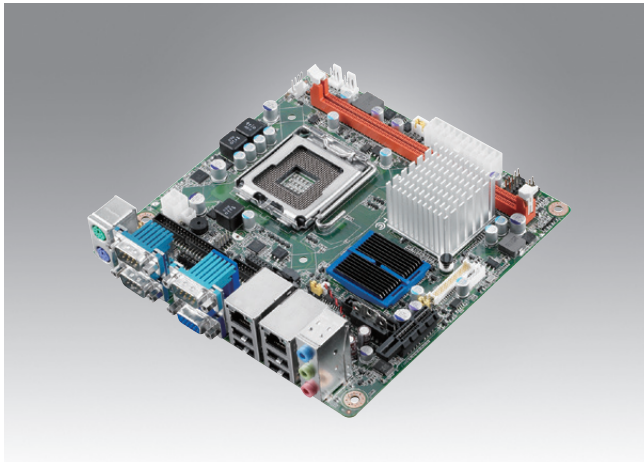




AIMB-267 KIOSK

Intel® Core™2 Quad LGA 775
Mini-ITX with CRT/LVDS,
8 COM, Dual LAN



Features

- Intel® G41 chipsets supports 1333/1066/800 MHz FSB
- One 240-pin DIMM up to 4 GB DDR3 800/1066/1333 MHz SDRAM
- Supports CRT and single/dual channel 24/48 bit LVDS panel and dual channel 6 W amplifier
- Supports 8 serial ports, 8 USB, 8-bit GPIO, dual LAN
- Supports PCIe x1, CF card
- Supports SUSIAccess and Embedded Software APIs

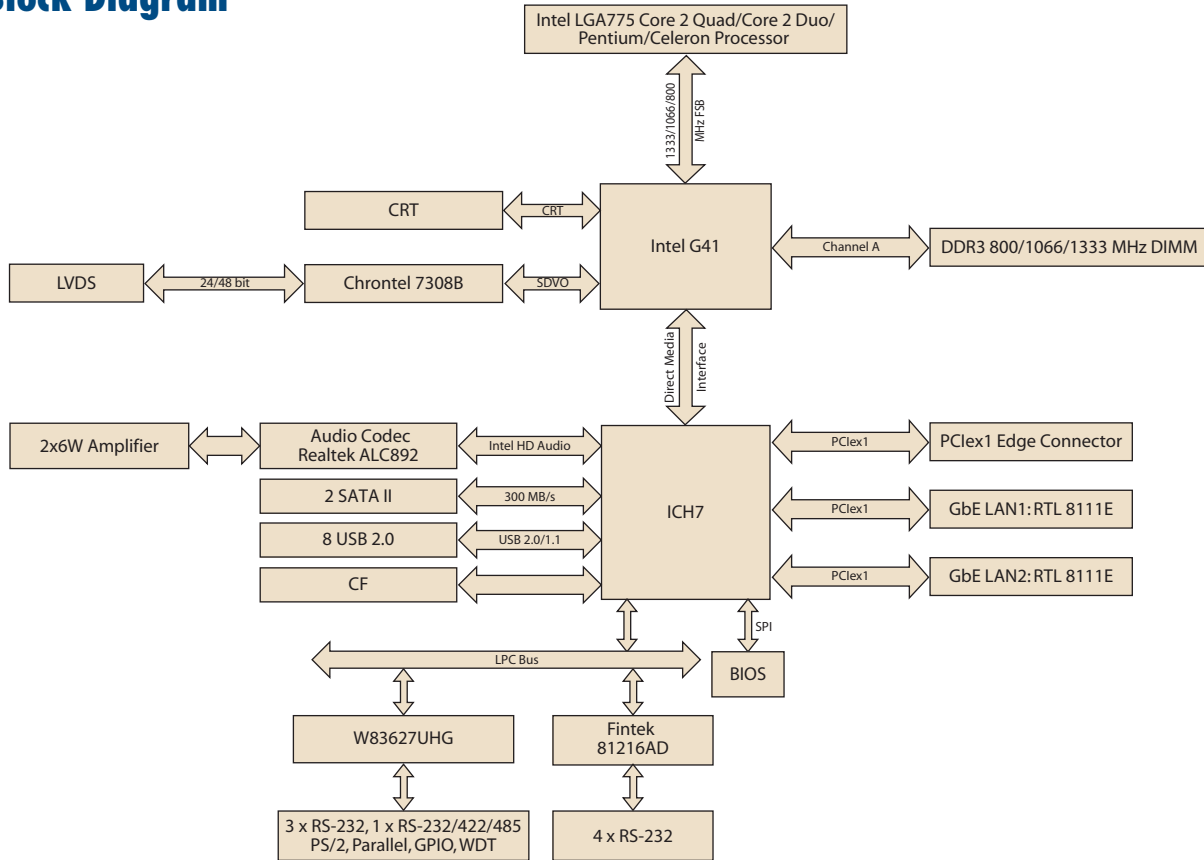
Software APIs:    

Utilities:  

Specifications

Processor System	CPU (45nm/65nm)	Intel Core 2 Quad	Intel Core 2 Duo	Intel Pentium	Intel Celeron
	Max. Speed	Q9650 3.0 GHz	E8400 3.0 GHz	E2160 1.80 GHz	E1500 2.20 GHz
	L2 Cache	12M	6M	1 M	512 KB
	Chipset	Intel G41+ICH7			
	BIOS	AMI 16 Mbit, SPI			
	Front Side Bus	1333/1066/800 MHz			
Expansion Slot	PCIe x16	-			
	PCIe x1	250 MB per direction, 1			
	PCI	-			
Memory	Technology	Single Channel DDR3 800/1066/1333 MHz			
	Max. Capacity	4 GB			
	Socket	1 x 240-pin DIMM (Non-ECC)			
Graphics	Embedded	Intel GMA X4500 sharing 352M system memory			
	LVDS	Supports single channel 24-bit/dual channel 48-bit LVDS, via Chronitel 7308B SDVO transmitter			
	CRT	Supports 1 CRT			
	Dual Display	CRT + LVDS			
Ethernet	Interface	10/100/1000 Mbps			
	Controller	GbE LAN1:Realtek RTL8111E GbE LAN2:Realtek RTL8111E			
	Connector	RJ-45 x 2			
SATA	Max. Data Transfer Rate	300 MB/s (SATA 2.0)			
	Channel	2			
EIDE	Mode	-			
	Channel	-			
I/O Interface	CRT	1			
	USB	8 (USB 2.0)			
	Audio	3 (Mic-in, Line-in, Line-out)			
	Serial	8 (7 x RS-232, 1 x RS-232/422/485; COM 3 supports RS-232/422/485 auto flow control)			
	Parallel	1 (SPP/EPP/ECP)			
	FDD	-			
	PS/2	2 (1 x keyboard and 1 x mouse)			
	GPIO	8-bit GPIO			
Watchdog Timer	Output	System reset			
	Interval	Programmable 1 ~ 255 sec/min			
Power Requirements	Power On	Intel Core 2 Quad Q9400 2.66GHz FSB 1333 MHz, 2GB DDR3 1066 SDRAM			
		3.3 V	5 V	12 V	5 Vsb -12 V
		0.35 A	1.91 A	1.29 A	0.18 A 0.06 A
Environment		Operating		Non-Operating	
	Temperature	0 ~ 60° C (32 ~ 140° F), depends on CPU speed and cooler solution		-40 ~ 85° C (-40 ~ 185° F)	
Physical Characteristics	Dimensions (W x D)	170 x 170 mm (6.69" x 6.69")			

Block Diagram



Ordering Information

Part Number	Chipset	Display	COM	GbE LAN
AIMB-267G2-KSA1E	G41	1 CRT, 1 LVDS	8	2
AIMB-267VG-KSA1E	G41	1 CRT	8	1

*We strongly suggest using only Advantech's certified LGA775 CPU cooler's to ensure board reliability under harsh conditions.

Optional Accessories

Part Number	Description
1700260250	Printer port cable, 25 cm
1700002314	USB cable with four ports, 30.5 cm
1700002204	USB cable with dual ports, 27 cm
1700003195	USB cable with dual ports, 17.5 cm
1750000334	LGA 775 CPU cooler (115W)

Packing List

Part Number	Description	Quantity
1700003194	Serial ATA HDD data cable	2
1700000447	1-to-4 serial ports cable kit, 45 cm	1
1700100250	1-to-1 serial port cable, 25 cm	1
1960022933T100	I/O port bracket	1
2006026700	Startup Manual	1
2066026701	Utility CD	1

Embedded OS/API

OS/API	Part No.	Description
Win XPE	2070012364	WES2009 AIMB-267 x86 V4.5 MUI24
WES7	2070012363	WES7E AIMB-267 x86 V5.1.6 En/TC/SC/JP
Software API		SUSI V3.0 SW API for AIMB-267 XP

I/O View



AIMB-267G2-KSA1E