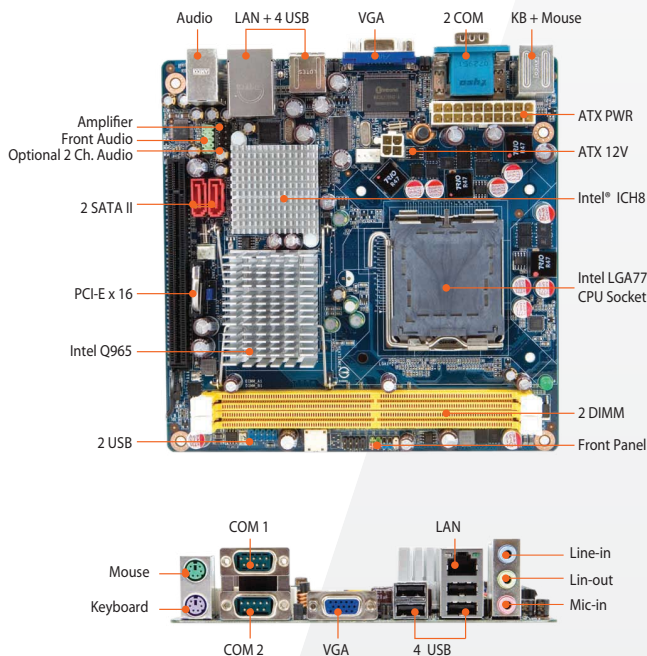


IQ965-CI

Intel® Q965 with Core™ 2 Quad Mini-ITX Motherboard



Features

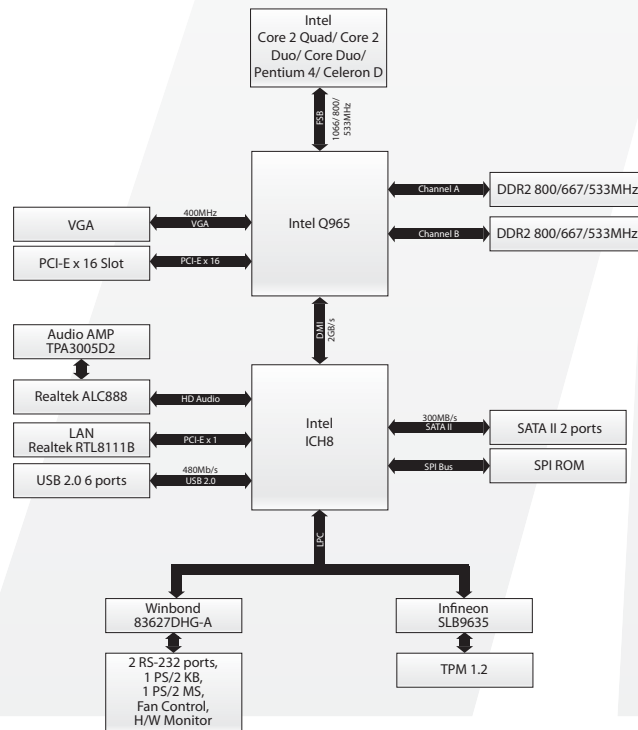
- Socket 775 supports Intel® Core™ 2 Quad FSB 1066/ 800/ 533MHz CPU
- Intel® Q965 + ICH8 Chipset
- Two 240-pin DDR2 DIMM 533/ 667MHz, up to 8GB
- Intel® Graphics Media Accelerator 3000
- Realtek ALC888, 5.1 + 2 Channel with 2 independent HD Streaming Audio
- Realtek RTL8111B Gigabit LAN
- 1 PCI-E x 16
- 2 COM RS-232, 6 USB 2.0, 2 SATA II
- TPM 1.2 onboard, 6W AMP

Specifications

System	
CPU	Intel® Socket 775 supports Core™ 2 Quad/ Core™ 2 Duo/ Core™ Duo/ Pentium® 4/ Celeron® D with 65nm process technology
FSB	1066/ 800/ 533MHz
BIOS	Award 16Mb SPI BIOS
System Chipset	Intel® Q965 + ICH8 Chipset
I/O Chip	Winbond W83627DHG-A
System Memory	Two 240-pin DIMM sockets support up to 8GB DDR2 533/ 667 SDRAM
Watchdog Timer	Reset : 1 to 255 sec/min per step
H/W Status Monitor	Monitoring CPU temperature, voltage and cooling fan status. Auto throttling control when CPU overheats.
Expansion	1 PCI-E x 16
TPM	Onboard TPM 1.2 by Infineon SLB9635
Power State	S1, S3, S4, S5
Wake up on LAN or Ring	LAN (PXE)
SmartFan Control	Yes, Speed Cruise Mode
I/O	
MIO	2 SATA II, 2 COM RS-232 with Power (5V/12V), 1 PS/2 Keyboard, 1 PS/2 Mouse
USB	6 USB 2.0

Display	
Chipset	Intel Q965 integrated Graphics Media Accelerator 3000
Display Memory	Intel DVMT 4.0 supports 256 MB video memory
Resolution	2048 x 1536(@ 75Hz)
VGA	On board
Audio	
Audio Codec	Realtek ALC888, 5.1 + 2 Channel HD Audio
Audio Interface	Line-in, Line-out, Mic-in
Audio Amplifier(W)	3+3W, TPA3005D2 Stereo
Ethernet	
LAN	Realtek RTL8111B Gigabit LAN

Block Diagram



Back Panel I/O Port

- 1 PS/2 Keyboard
- 1 PS/2 Mouse
- 2 COM RS-232 Ports
- 1 VGA Port
- 1 LAN RJ45 Port
- 4 USB Ports
- Audio I/O (3 jacks)

Internal I/O Connector

- 1 USB Connector supports 2 USB Ports
- 2 SATA Connectors
- 1 Audio Amplifier Connector
- 1 System Panel Connector
- 1 CPU Fan Connector
- 1 System Fan Connector

Mechanical & Environmental

Power Requirement	+12V	+5V	+3.3V	5VSB
	6.32A	6.37A	3.20A	326mA

Power Type ATX

Power Connector	1 20-pin ATX Power Connector
	1 4-pin ATX 12V Power Connector

Operating Temperature 0 to 60°C (32 to 140°F)

Operating Humidity 0% to 90% relative humidity, non-condensing

Size (L x W) 6.69" x 6.69" (170 mm x 170 mm)

Weight 0.88lbs (0.4Kg)