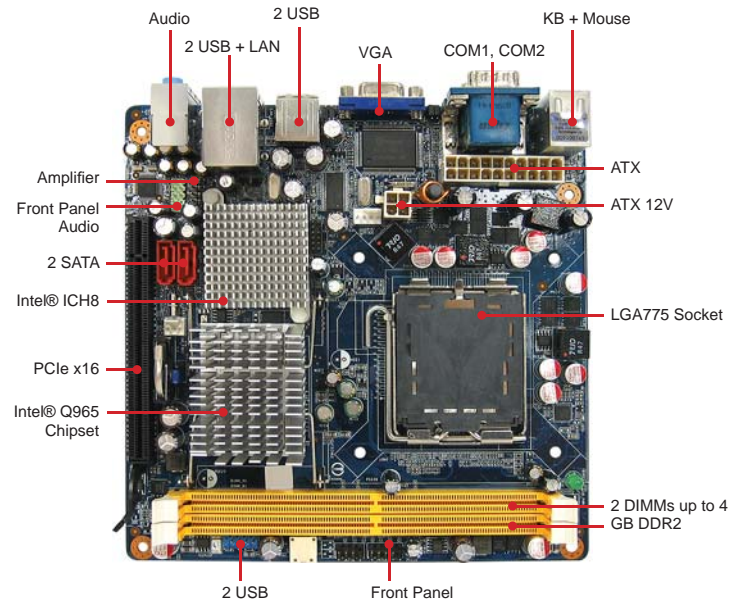


Features

- Intel® LGA 775 Supports Core 2 Quad/Core 2 Duo/ Pentium 4/Celeron D Processors
- Intel® Q965/ICH8 Chipset
- Up to 4 GB Dual Channel DDR2 533/667/800 MHz System Memory
- Intel® GMA 3000 Enhanced Graphics Engine
- Dual Display: VGA and Optional ADD2 add-on Graphic Interface (DVI, HDMI, LVDS) Through PCIe x16
- 1 Gigabit LAN, HD Audio, Amplifier
- 1 PCIe x16
- 2 SATA, 2 COM, 6 USB
- TPM 1.2 Supported
- ATX Power
- Mini ITX (6.7" x 6.7")



Specification

System

CPU	Supports Intel® LGA 775 Core™ 2 Duo/ Core™ Duo/ Pentium® 4/ Celeron® D processor with 65 nm process technology with 533/800/1066 MHz FSB
Chipsets	Intel® Q965 + Intel® ICH8
System Memory	Two 240-pin DIMM sockets up to 4GB Dual Channel DDR2 533/667/800 SDRAM
BIOS	Award BIOS with 8 Mb SPI ROM
Expansion Interface	1 x PCI Express x16 Slot
TPM	Infineon SLB9635 TCG 1.2 compliant trusted platform module
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring CPU temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats

Display

Chipset	Intel® Q965 GMCH integrated Graphics Media Accelerator 3000
Display Memory	Intel® DVMT 4.0 supports 256 MB video memory
Analog Display Res.	2048 x 1536 @ 32 bpp (@ 75Hz)
Digital Display Res.	CRT/HDTV: 1920x1080 @ 85Hz Flat Panels: up to 2048x1536 @ 60 Hz
VGA/LCD	1 x VGA
HDMI	Through ADD2 HDMI Card
LVDS	Through ADD2 LVDS Card
DVI	Through ADD2 DVI Card

I/O

MIO	1 x K/B, 1 x Mouse
USB	4 x USB 2.0 (Rear IO), 1 x USB pin header for additional 2 USB
COM	2 x RS-232 (Rear IO) for COM1 - COM2
SATA	2 x SATA

Audio

AC'97 Codec	Realtek® ALC888 High-definition Audio codec
Audio Interface	Mic in, Line in, Line out
Audio Amplifier	TPA3005D2 6W (per front channel) stereo amplifier

Ethernet

LAN 1	Realtek® RTL8111B (1000Base-T Fast Ethernet)
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Mechanical and Environment

Power Type	1 x Std/ 20-pin ATX Connector
	1 x 4-pin ATX 12 Connector
Operating Temperature	0~50°C
Operating Humidity	5%~90% relative humidity, non-condensing
Form Factor	Mini ITX
Dimensions	6.7" (L) x 6.7" (W)
Weight	0.88 lbs



Ordering Information

MX965Q

Intel® Q965 Chipset LGA 775 Socket, 1 PCIe x16, 6 USB, 2 COM, 1 Gbit LAN, TPM, 6W AMP

* All product specifications are subject to change without notice. Last update: 10/07/2008