

Features

- Intel® Q45 LGA 775 Core™ 2 Quad CPU with 800/1066/1333 MHz FSB
- Intel® Q45 Chipset
- Four DIMMs up to 8 GB Dual Channel DDR2 Non ECC
- Intel® Graphics Media Accelerator 4500
- Dual DVI Onboard
- Realtek® ALC888 support 8 CH HD Audio, SPDIF
- Dual Intel® Gigabit LAN
- 1 PCIe x16, 1 PCIe x 4, 1 PCIe x1, 1 PCI
- 6 SATAII RAID, 2 COM, 12 USB
- Support TPM 1.2, iAMT, QST
- Micro ATX Form Factor (9.6" x 9.6")
- RoHS Compliant
- Microsoft Windows Vista ready

Specification

System

CPU	Intel® Core™ 2 Quad/ Core™ 2 Duo/ Pentium® D LGA 775 with 800/1066/1333 MHz FSB
Chipsets	Intel® Q45 + Intel® ICH10DO
System Memory	Four 240-pin DIMM sockets support up to 8 GB DDR2 up to 800 MHz Non ECC
BIOS	Award 32 Mb Flash BIOS
Expansion Interface	1 x PCI Express x16 slot 1 x PCI Express x4 slot 1 x PCI Express x1 slot 1 x PCI slot
TPM	Support Trusted Platform Modules (TPMs)
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

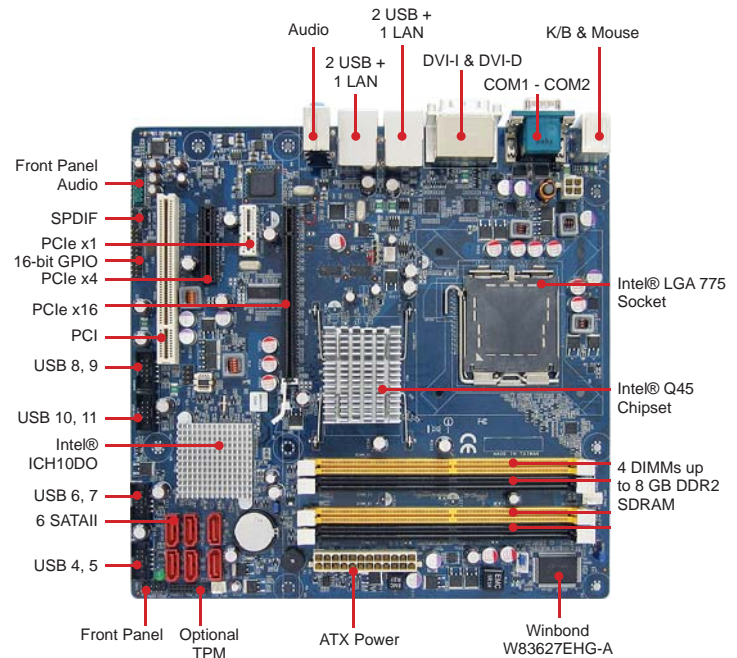
Chipset	Intel® Graphics Media Accelerator 4500 Engine
Display Memory	DVMT 4.0 Supports Up to 384MB Video Memory
Resolution	up to 2048 x 1536 @75 Hz
DVI	1 x DVI-I (Rear I/O) and 1 x DVI-D (Rear I/O)

I/O

MIO	1 x K/B, 1 x Mouse
USB	4 x USB 2.0 ports (Rear I/O), 4 x USB pin headers for 8 USB
COM	2 x RS232 (Rear I/O) for COM1-COM2
SATA	6 x SATAII (3.0 Gb/s) support RAID 0, 1, 5, and 10
GPIO	16-bit General Purpose I/O for DI and DO

Audio

AC'97 Codec	Realtek® ALC888 Flexible 8 Channel High-Definition Audio
Audio Interface	Line-out, Line-in, Mic-in, Center/Subwoofer-out, Rear Speaker Out and CD Audio-in, SPDIF header

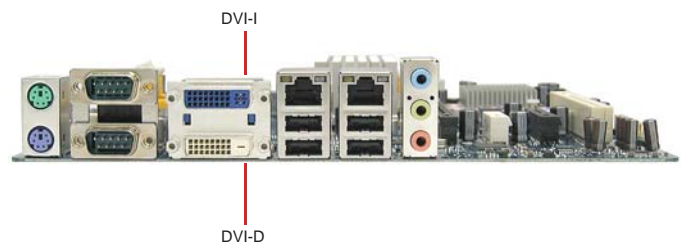


Ethernet

LAN 1	Intel® 82567LM (1000Base-T Fast Ethernet)
LAN 2	Intel® 8254EPI (1000Base-T Fast Ethernet)

Mechanical and Environment

Power Supply Voltage	ATX 24 Pin and ATX 4 Pin 12V Power Supply Connector
Power Type	ATX
Operating Temperature	0° C to 60° C
Storage Temperature	-20° C to 80°
Form Factor	Micro ATX
Dimensions	9.6" (L) x 9" (W)
Weight	1.45 lbs



Ordering Information

RX45Q

Intel® Q45 chipset LGA 775 socket, GMA450, dual DVI, 2 Gbit LAN, PCIe x16, PCIe x4, PCIe x1, 1 PCI, 2 COM, 12 USB, 6 SATAII

* All product specifications are subject to change without notice. Last update: 01/05/2010