

## Features

- Intel® LGA 775 Socket supports Core 2 Quad/ Core 2 Duo Processors with 800/1066/1333 MHz FSB
- Intel® Q45 Chipset
- up to 8 GB Dual Channel DDR2 System Memory
- Intel® Graphics Media Accelerator 4500
- Dual Gigabit LAN
- 1 PCIe x16, 1 PCIe x 4, 1 PCIe x1, 1 PCI
- 12 USB
- 6 SATAII RAID
- TPM 1.2 supported
- iAMT 5.0 supported

## 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 800 MHz DDR2 memory modules
BIOS	Award 32 Mb Flash BIOS
Expansion Interface	1 x PCI Express x16, 1 x PCI Express x4, 1 x PCI Express x1, 1 x PCI
Intel®	Intel® Active Management Technology 5.0
TPM	TPM 1.2 supported by Infineon® 9635TT
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
Display Interface	1 x DVI-I and 1 x DVI-D (Rear I/O)

### I/O

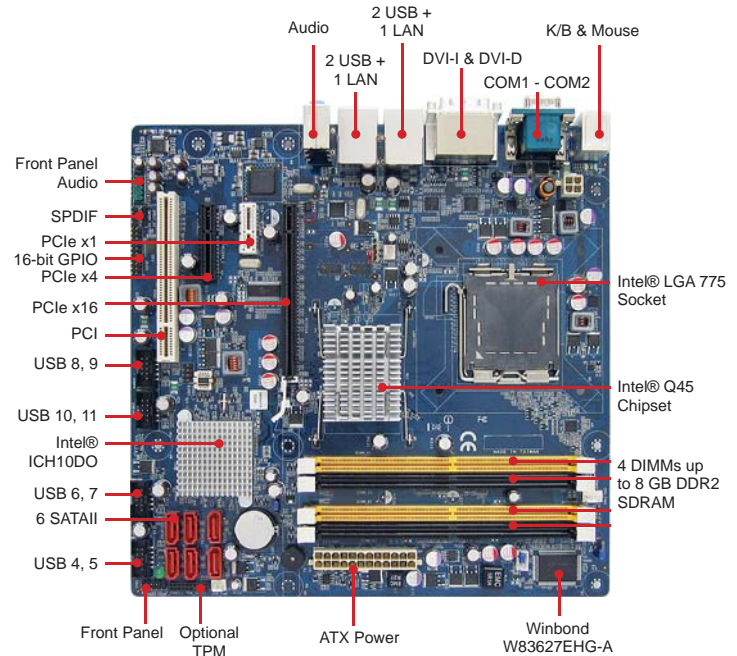
KB/MS	1 x K/B, 1 x Mouse
USB	4 x USB 2.0 ports (Rear I/O), 4 x USB pin headers for 8 USB
COM	2 x RS232 (Rear I/O) for COM1-COM2
SATA	6 x SATA II (3.0 Gb/s) supports RAID 0, 1, 5, and 10
GPIO	16-bit General Purpose I/O for DI and DO

### Audio

AC'97 Codec	Realtek® ALC888/ALC886 Audio Codec
Audio Interface	Line-in, Line-out, Mic-in, SPDIF

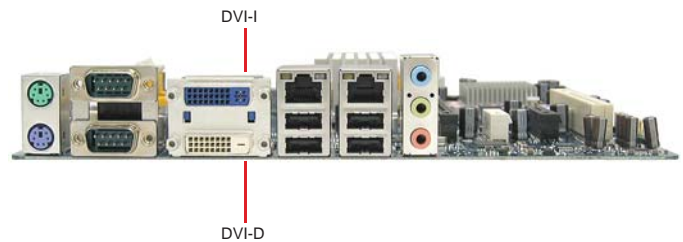
### Ethernet

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



### Mechanical and Environment

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 9.6" (W)
Weight	1.45 lbs



## Ordering Information

### RX45Q

Intel® Q45 Micro ATX Motherboard

### Accessory Included

2 x SATA Cable, 1 x DVI to VGA Adaptor, 1 x I/O Shield, 1 x Driver CD, 1 x User's Quick Installation Guide

### 182437200040

2.54mm pitch 14" length Dual port USB cable w/ full height bracket

### CBL-COM2

2.54mm pitch 12" length Serial cable w/ full height bracket

\* All product specifications are subject to change without notice. Last update: 7/2/2012