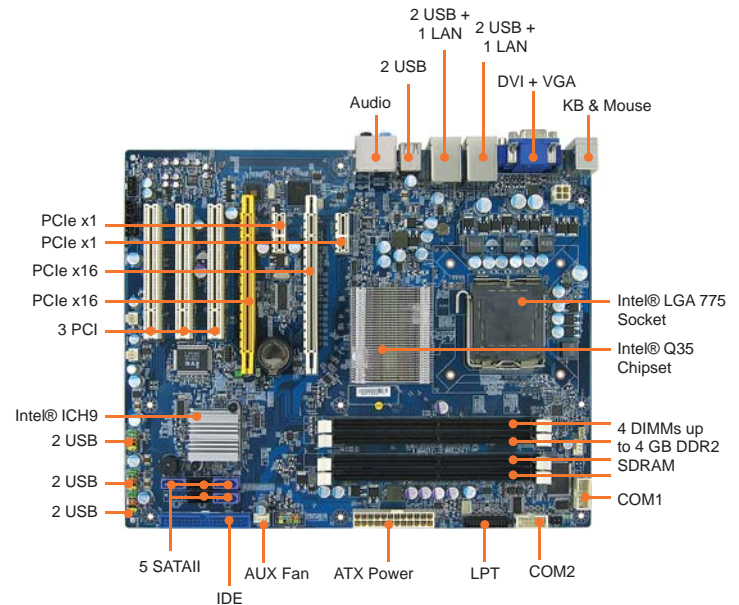


### Features

- Support Intel® Core™ 2 Quad/ Core™ 2 Extreme/ Core™ 2 Duo LGA 775 Socket with 800/1066/1333 MHz FSB
- Intel® Q35 Chipset
- Four DIMMs up to 8 GB DDR2 Dual Channel System Memory
- Intel® GMA 3100, DVI
- Realtek® ALC888 HD Audio, SPDIF-in/out
- Intel® 82566DM and 82573L Gbit LAN
- 3 PCI, 1 PCIe x16, 1 PCIe x16 (support PCIe x4 when PCIe x1 are not occupied), 2 PCIe x1 Slots
- 12 USB, 5 SATAII, 2 COM
- ATX Form Factor (12" x 9.6")
- RoHS Compliant



### Specification

2 PCIe x16    2 PCIe x1    DVI    5 SATAII

#### System

CPU	Support Intel® Core™ 2 Quad (Q6x00 series)/ Core™ 2 Extreme QX9650/ Core™ 2 Duo (E6xx0 series, E4xxx series)/ Pentium® Dual-Core (E2xxx series)/ Celeron® LGA 775 Socket with 800/1066/1333 MHz FSB
Chipsets	Intel® Q35 (Bearlake Q) GMCH + Intel® ICH9
System Memory	Four 240-pin DIMM Sockets support up to 8 GB Dual Channel 667/800 MHz DDR2 SDRAM
BIOS	AMI 32 Mb Flash BIOS
Expansion Interface	3 x PCI Slots 1 x PCI Express x16 Slot 1 x PCI Express x16 slot (supports PCI-EX x4 transfer when PCI Express x1 slots are not occupied) 2 x PCI Express x1 slots
Additional Features	Intel® Active Management Technology 3.0 TPM 1.2 support by Infineon Soft power support ACPI v 2.0 specification (Supports suspend S1,S3,S4,S5)

#### Display

Chipset	Intel® Q35 Integrated Graphic Accelerator 3100, provide 350 MHz 24-bit RAMDAC
Resolution	1 x DB-15 analog display connector with pixel resolution up to 2048x1536 (QXGA) @75Hz
DVI	support by Chrontel CH7313A DVI transmitter

#### I/O

MIO	1 x IDE, 1 x LPT, PS2 KB/Mouse
USB	6 x USB Ports (Rear I/O), 2 x USB pin header for additional 6 USB
COM	1 x RS232/RS422/RS485 for COM1, 1 x RS232 for COM2
SATA	5 x SATAII channel (3.0 Gb/s) Support Intel® Matrix Storage Technology RAID 0/1/5/10, and AHCI

#### Audio

AC'97 Codec	Realtek® ALC888 support 8 Channel High-Definition Audio
Audio Interface	Line-in, Line-out, Mic-in, Surround Speaker-out, Center/Subwoofer Speaker-out, Side Speaker-out, SPDIF-in, SPDIF-out

#### Ethernet

LAN 1	Intel® 82566DM (1000Base-T Fast Ethernet)
LAN 2	Intel® 82541PI (1000Base-T Fast Ethernet)

#### Mechanical and Environment

Power Supply Voltage	-----
Power Type	ATX
Operating Temperature	0~60°C (32~140°F)
Storage Temperature	-20° C to 80° C
Form Factor	ATX
Dimensions	12" (L) x 9.6" (W)
Weight	1.65 lbs



### Ordering Information

#### BC35Q

Intel® Q35 Chipset LGA 775 ATX, DVI, VGA, 3 PCI, 2 PCIe 16, 2 PCIe x1, 12 USB, 5 SATAII, 2 COM, 2 Gbit LAN, TPM, iAMT

\* All product specifications are subject to change without notice. Last update: 08/25/2010