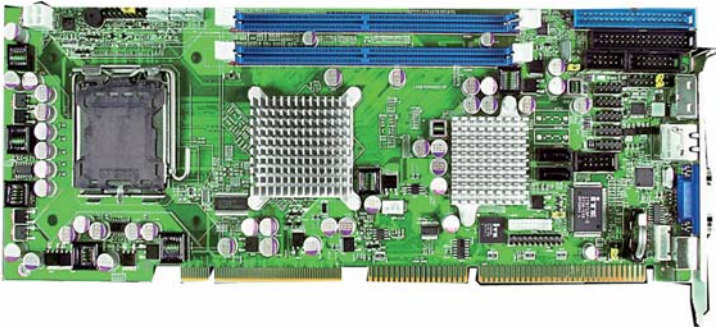


**Fullsize Slot CPU HiCore-i35 Q**  
Intel Core™ 2 Duo LGA775 SBC with VGA, SATA , Gigabit LAN



## Specification

**CPU Socket** LGA775 for Intel® Core™ 2 Duo/  
Conroe/ Conroe-M/ Conroe-L LGA775 Processor

**Memory** 2 x 240-pin DDRII SDRAM DIMM  
socket up to 8GB

**Chipset** Intel Q35 + ICH9

**BIOS** AMI PnP Flash BIOS

**ATA/IDE** 1 x Ultra DMA 33/66/100 port, supports  
one IDE device

**Serial ATA** 2 x SATA II ports

**TPM1.2** Supports TPM Daughter Board via  
connector

**Watchdog Timer** 255-level Reset

### I/O

**Serial Port** 1 x RS-232 port (COM1)  
1 x RS-232/422/485 port (COM2)

**Floppy Support** 1 x FDD port

**USB Port** 12 x USB 2.0 port compliant

**Super I/O** ITE- IT8718F

**Digital I/O** 4 in/4 out

**KB/MS** 1 x 6-pin Mini-DIN connector for Keyboard  
and Mouse

### Ethernet

**Chipset** 1 x Realtek 8111B , GB LAN, 1000 MB/s

### Audio

**Codec/Interface** One 1x9 wafer connector for  
Audio Daughter Board

## Features

- Intel® Core™ 2 Duo/ Conroe/  
Conroe-M/ Conroe-L LGA775  
CPU
- Intel® Q35 Express Chipset +  
ICH9 Chipset
- SATA + PATA
- GB-LAN
- PICMG 1.0 Spec
- Supports PCI to ISA Bridge
- RS-232/422/485
- 12 x USB-Ports
- VGA onboard
- Watchdog Timer & Hardware  
Monitoring Function, TPM  
Function via LPC Connector

## Display

**Graphics Chipset** Integrated with Intel Graphics  
Media Accelerator (GMA) 3100

## Mechanical & Environmental

### Power Consumption

3.74A@5V, 5.13A@12V Max. (Core™ 2 Quad  
CPU Q6600 2.40GHz)

**Power Connector** 4-pin ATX12V type

**Operating Temp.** 0 ~ 60°C (32 ~ 140°F)

**Operating Humidity** 0 ~ 95% (non-condensing)

**Dimension (L x W)** 338 x 122 mm (13.3" x 4.8")

## Ordering Information

**HiCORE-i35Q** Full-size Intel® Core™ 2 Duo  
LGA775 SBC with VGA,  
SATA and Gigabit LAN  
**FCDB-1110** AC97 Audio Daughter board

**Cable Kit** CBK-06-035Q-00

**Approval :** CE , FCC