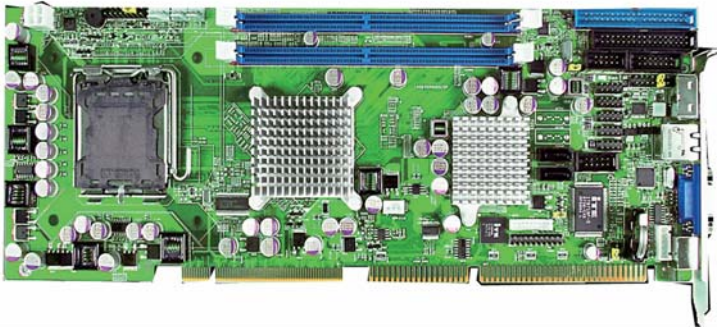




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Fullsize Slot CPU HiCore-i35 Q

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