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ADE-6060

Core2 Duo Mini ITX Board
sATA-Raid , **Dual GigaBit LAN**



FEATURES

- Socket LGA775 for Intel® Core2Duo CPU
- Mobile Intel® Chipset Q35 +ICH9DO
- Two DDR2 DIMM sockets up to 4 GB
- Supports CRT, LVDS, optional TV out or DVI
- **Dual GigaBit LAN**
- PCIe x16 Extension Slot
- sATA x 4, USB x 8
- Digital I/O, Watchdog timer

Specification

CPU Socket

Socket LGA775
Supports Intel® Core™2 Duo , Pentium DualCore and Celeron440 CPU

Chipset

Intel® Q35 // ICH9DO

CPU Front Side Bus (FSB)

800/1066/1333 MHz

BIOS

Award BIOS, ACPI supported

System Memory

Two DDR2 sockets supports up to 4GB
667 / 800 DDR SDRAM

Integrated VGA

Intel® GMA X3100 up to 257 MB Memory

LVDS

Intel® 945GM integrated for 18-bit dual channel LVDS
Optional ID390 with Chronitel 7308 for 24-bit LVDS

VGA Options Dual Display

Optional single DVI cards with connectors on card or via cable

OnBoard LAN

Ethernet Controller:
Intel 82566 10/100/1000 Mbps
Realtek RTL8111B 10/100/1000 Mbps

Audio

Realtek ALC 883 Sound with 7.1+2 CH Audio Interface

Multi I/O

ICH9DM , Winbond W83627EHF chipset
Supports 1x IDE, 3 x SATA, 2x RS-232,
1 x KB, 1x Mouse

IDE Interface

Built in ICH7M; One enhanced IDE channel supports
2 IDE devices; supports UDMA33/66/100

Serial ATA II

Supports 4 ports sATA II , 300 MB/s
Supports RAID 0, 1, 5, 10

Serial Ports

Two RS-232 ports

USB (2.0)

Supports 8 USB ports

Keyboard and Mouse Connector

PS/2 type

I/O : 8 Bit GPIO

Watchdog Timer

Generates system reset; 256 levels

Hardware Monitoring

Built in W83627EHF; monitors system/CPU
temperature and voltage status

Expansion Slot

1 x PCIe x 16

Edge Connectors

VGA CRT, PS/2 KB/Mouse Mini DIN, two RJ-45, 1394,
6 x USB, COM1

Onboard Connectors/Headers

ATX power, COM2, Digital I/O, slim FDD, IrDA, USB5/6,
IDE1, 2x SATA, FAN1/2, LAN Wakeup, LVDS1/2, Line out,
Microphone, Speaker, CF socket (solder side), 1394, HDTV

Environmental :

Operating Temperature:

0°C~60°C (32°F~140°F)

Storage Temperature:

-20°C~80°C (-68°F~176°F)

Relative Humidity: 5 ..95% noncond.

Form Factor

Mini-ITX Motherboard

Dimensions

170mm x 170mm

Approval : CE