Transduction

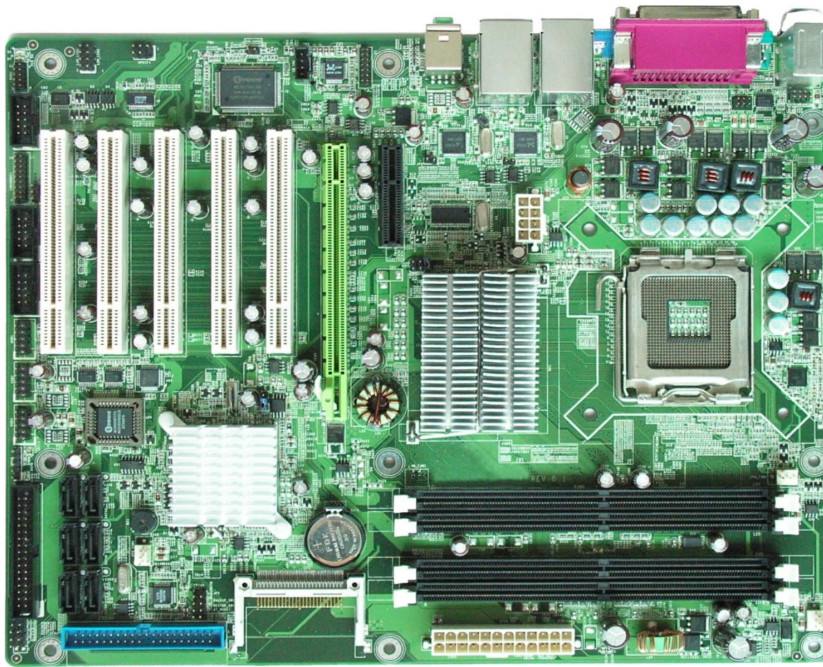## ATX Core 2 Quad Motherboard

TR-ATX-Q35

TR-ATX-Q35   Industrial Motherboard

Features

► Accepts Intel Core 2 Quad, Core 2 Duo, Celeron D processors in LGA775 package.

► Four DDR2-800 DIMM sockets for up to 8GB system memory in Dual Channel Mode.

► Dual GbE LAN's for maximum communication bandwith.

► Multiple I/O functions: 10 x USB2.0, 4 x COM ports, 6 x SATA, IRDA, 1 x PRIDE, 1 x CF, 1 x LPT, 1 x FDD.

► Six SATA-II ports with RAID0, RAID1, RAID5, and RAID10.

► Five PCI-32 bits slots, One PCI-EX16, One PCI-EX4.

► Long-term supply item, not a "seasonal" product.

► 3 years warranty + 10% for 5 years.

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ATX Core 2 Quad Motherboard

TR-ATX-Q35

TR-ATX-Q35 Industrial Motherboard

Specification

Processor
- ► Intel Core 2 Quad, Core 2 Duo, Celeron D processor.
- ► Supports Front Side Bus speed 800, 1066 or 1333MHz.

Processor Socket
- ► LGA 775 Socket

Chipset
- ► Intel Q35 and ICH9DO chipset.

Memory
- ► 4 DDR2 DIMM sockets with Dual Channel Mode support.
- ► DDR2 667/800 non-ECC memory up to 8.0GB.

BIOS
- ► Award Standard PnP Flash BIOS 6.0 on 8Mbit FlashROM with BootBlock for Fail-Safe.

10/100M/1000M Ethernet
- ► Two Realtek RT8111C Dual Gb LAN.
- ► Wake-on-LAN, Remote Boot with PXE and RTL.

Video
- ► Intel Q35 Integrated GMA3100 Graphic Engine.

PCI/PCI-Express
- ► Five PCI 5v/32-bits slots.
- ► One PCI-Ex16 slots for high-end graphics cards.
- ► One PCI-Ex4 slots for PCIE cards.

SATA and PIDE
- ► Six SATA-I/II ports with RAID0, RAID1, RAID5, RAID10.
- ► One USB bridged PIDE controller, up to UltraDMA mode 5.
- ► One standard 40-pins box header to support 3.5"HDD or DVD.
- ► One CF-II socket supports all types CF cards.

On Board I/O
- ► Winbond 83627HF LPC I/F Super I/O chip.
- ► Four serial ports as COM1 ~ COM4. COM2 is RS232/422/485 selectable by jumper.
- ► One Parallel port supports SPP/ECP/EPP mode.
- ► One IrDA port, One Floppy connectors for up to two drives.

Audio
- ► RealTek ALC888 High-Definition Audio chip on-board.

Watch-Dog Timer
- ► Programmable watchdog timer from 1~255 seconds.

Form Factor
- ► Standard Full-Size ATX form factor.
- ► 9.6"(L) x 12"(W); or 244mm (L) x 305mm (W)

Power
- ► One standard ATX 24-pins power connector
- ► One ATX-12V 8-pins connector for CPU power.
- ► Support both AT and ATX mode.

Operating Temperature
- ► 0 to 60ºC operating range.
- ► Relative Humidity: 5~95%, non-condensing.

Compatible with Windows 2K, Vista, Linux & DOS 6.22.

Warranty: 3 years +10% for 5 years