

# Transduction

## Intel Core 2 Quad Processor

### TR-LCD1500-ITX-C2D/C2Q

#### TR-LCD1500-ITX-C2D/C2Q Panel PC w/ ITX Type Board



#### Features

- ▶ 15" TFT LCD touch screen with resolution 1024 x 768 and contrast ratio 300:1.
- ▶ Includes Intel Core 2 Duo or Core 2 Quad processor with 800/1066/1333MHz FSB.
- ▶ Intel Q35 and ICH9DO chipset.
- ▶ Intel Q35 integrated GMA3100 graphic engine.
- ▶ 2 x DDR2-800 DIMM sockets, supports up to 4GB memory.
- ▶ 0 ~ 60°C operating temperature with full software load.
- ▶ Dual 10/100/1000 Mbps LAN.
- ▶ Multiple I/O functions - 4 x USB 2.0, 2 x COM, 1 x LPT, 1 x parallel and PS2 keyboard and mouse ports.
- ▶ Programmable watchdog timer for 1 ~ 255 seconds.
- ▶ 3 year warranty.

### TR-LCD1500-ITX-C2D/C2Q

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#### Specification

##### Model

- ▶ TR-LCD1500-ITX-C2D/C2Q NEMA 4 industrial panel/rack PC with 15" touch screen

##### Processor

- ▶ Intel Core 2 Duo and Core 2 Quad processors with 800/1066/1333MHz FSB
- ▶ LGA775 socket

##### Chipset

- ▶ Intel Q35 and ICH9DO chipset

##### TFT LCD Display

- ▶ Resolution - 1024 x 768 (XGA)
- ▶ Backlight MTBF → 150,000 hours
- ▶ Contrast Ratio - 300:1
- ▶ Brightness - 250cd/m<sup>2</sup>
- ▶ Resistive touch screen

##### Memory

- ▶ 2 x DDR2 DIMM sockets, supports up to 4GB DDR2 667/800MHz memory

##### Video

- ▶ Intel Q35 integrated GMA3100 graphic engine
- ▶ Support DVMT 4.0 for memory allocation up to 256MB
- ▶ 1 x D-Sub connector on rear panel for CRT display
- ▶ 1 x 20-pin connector for DVI display

##### Disk I/O

- ▶ Optional SLIM CD-R/W-DVD
- ▶ 2.5" SATA high speed flash 16GB to 128GB or 2.5" SATA hard drive

##### I/O Ports

- ▶ Winbond 83627HF LPC I/F Super I/O chip

- ▶ 2 x serial ports as COM1 and COM2 - COM2 is RS/232/422/485 selectable by jumper
- ▶ 1 x parallel port supports SPP/ECP/EPP mode
- ▶ PS2 keyboard and mouse ports

##### PIDE and SATA

- ▶ 4 x SATA-II ports support RAID0, RAID1, RAID5 and RAID10
- ▶ 1 x PIDE 44-pin connector support two devices and up to ATA133 speed

##### Ethernet

- ▶ 2 x Realtek RT8111C on board for Dual Gigabit LAN support
- ▶ Support Wake-on-LAN, Remote Boot with PXE and RTL

##### Watchdog Timer

- ▶ Programmable watchdog timer for 1 ~ 255 seconds

##### Power Requirements

- ▶ 1 x ATX -12V 4-pin connector for CPU power
- ▶ Support both AT and ATX mode

##### Operating Temperature

- ▶ 0°C ~ 60°C (32°F ~ 140°F) with SSD
- ▶ 0°C ~ 50°C (32°F ~ 122°F) with hard drive

##### Storage Temperature

- ▶ -20°C ~ 70°C (-4°F ~ 158°F)

##### Shock and Vibration

- ▶ Shock -25G, Vibration - 5G

##### Humidity

- ▶ 10% ~ 95% non-condensing

##### Warranty

- ▶ 3 years

Compatible with Windows NT/2000/XP/Vista, QNX and Linux kernel 2.4.16 or above.