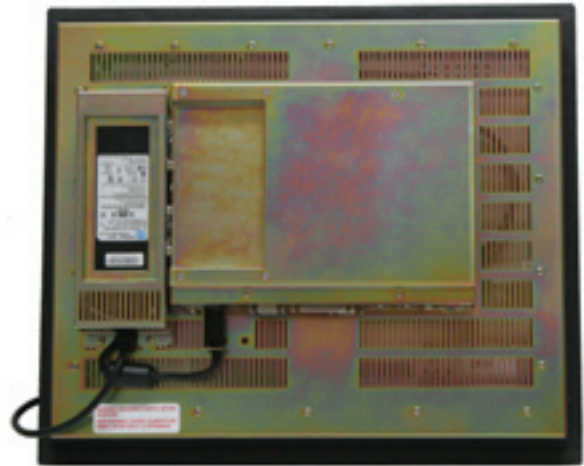


### TR-LCD1900-ITX

TR-LCD1900-ITX Half Fanless Rack/Panel Computer



#### Features

- Intel ATOM 1.6GHz N270 processor.
- 19" TFT LCD touch screen with resolution 1280 x 1024.
- Enclosure with NEMA 4 epoxy finish.
- Robust design with sealed computer enclosure.
- 0 ~ 50°C operating temperature with full software load.
- 2GB DDR2 533MHz memory.
- System reset programmable watchdog timer, 1-255sec.
- 2 x Realtek RT8111C Dual Gigabit LAN.
- 4 x USB, 2 x COM ports.
- SATA high speed flash drive up to 512GB.
- Warranty 3 years.

### TR-LCD1900-ITX

TR-LCD1900-ITX Half Fanless Rack/Panel Computer

#### Specification

##### Model

- TR-LCD1900-ITX NEMA 4 industrial half fanless panel/rack computer with 19" LCD touch screen

##### Processor

- Intel ATOM N270 1.6GHz with hyperthreading support
- No processor air fan

##### Chipset

- Intel 945GSE and ICH7M

##### BIOS

- Award PnP Ver. 6.0

##### TFT LCD Display

- Resolution - 1280 x 1024 (SXGA)
- Backlight MTBF - 150,000 hours
- Contrast Ratio - 700:1
- Brightness - 300cd/m<sup>2</sup>
- Resistive touch screen

##### Memory

- DDR2 533MHz 2GB

##### Ethernet

- 2 x Realtek RT8111C Gigabit LAN
- External RJ45 connectors

##### Display

- Intel GMA950 Graphic Engine interface, DB15 SVGA connector

##### Green Function

- Power saving mode includes doze, standby and suspend modes

##### Disk I/O

- Optional SLIM CD-R/W-DVD
- 2.5" SATA high speed flash 64GB ~ 512GB or 2.5" SATA hard drive

##### Audio

- Realtek ALC888 high definition

##### I/O Ports

- 1 x external RS-232 serial port and 1 x RS-232/422/485 serial port with 16C550 compatible UART's and 16-byte FIFO
- 1 x parallel printer port
- 4 x high speed USB 2.0 ports with 480Mbps transfer rate

##### Watch-Dog Timer

- System reset programmable watchdog timer with 1 ~ 255sec time-out value

##### Operating Temperature

- 0 ~ 50°C (32 ~ 122°F) with hard drive
- 0 ~ 60°C (32 ~ 140°F) for 2 hours with SSD

##### Storage Temperature

- -20 ~ 85°C (-4 ~ 185°F)

##### Cooling

- 2 x redundant ball bearing air fans

##### Shock and Vibration

- Shock - 25G, Vibration - 5G

##### Humidity

- Relative humidity 10 ~ 95%, non-condensing
- Storage: Relative humidity 45% max. non-condensing

##### Power requirement

- Universal AC power input 100 ~ 240VAC 100W without fan
- Optional DC input 125V and 250V

**Compatible with Windows 7, Windows Vista, Windows XP, Windows 2000, QNX and Linux kernel 2.4.16 or above**

##### Ordering Information

TR-LCD1900-ITX - Half fanless embedded system with Intel ATOM 1.6GHz CPU and 2.5" SATA SSD or SATA hard drive

**Warranty:** 3 years