

Transduction

NEMA 4 Industrial Panel/Rack PC

TR-5915

TR-5915 Fanless PC w/ 15" LCD Touch Screen



Features

- ▶ Intel ATOM 1.6GHz N270 processor.
- ▶ 15" TFT LCD touch screen with resolution 1024 x 768.
- ▶ Enclosure with NEMA 4 epoxy finish.
- ▶ Robust fanless design with sealed computer enclosure.
- ▶ Ribbed aluminum enclosure offers optimum heat exchange.
- ▶ 0 ~ 50°C operating temperature with full software load.
- ▶ Supports up to 2GB DDR2 memory.
- ▶ Dual display (CRT + DVI-D).
- ▶ Dual 10/100/1000 Mbps LAN.
- ▶ 4 x USB, 2 x COM ports.
- ▶ SATA high speed flash drive.
- ▶ Only 2.5" deep behind the front panel.

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TR-5915 Fanless PC w/ 15" LCD Touch Screen

Specification

Model

- ▶ TR-5915 - NEMA 4 industrial fanless panel/rack PC with 15" LCD touch screen

Processor

- ▶ Intel ATOM N270 1.6GHz

Chipset

- ▶ Intel 945GSE + ICH7M

TFT LCD Display

- ▶ Resolution - 1024 x 768 (VGA)
- ▶ Backlight MTBF - > 150,000 hours
- ▶ Contrast Ratio - 350:1
- ▶ Brightness - 250cd/m²
- ▶ Resistive touch screen

BIOS

- ▶ AMIBIOS with 8Mbit BIOS Flash

Memory

- ▶ One 200-pins DDR2 400/533MHz SDRAM DIMM socket. Up to 2GB memory capacity

Ethernet

- ▶ 2 x LAN ports - 10/100/1000 Mbps

Display

- ▶ Intel 945GSE built-in Intel Extreme Graphics Controller

Audio

- ▶ ALC888 HD Codec

Disk I/O

- ▶ 1 x SATA port for SSD

Top I/O

- ▶ 2 x RS-232/422/485 ports, 1 x VGA and DVI-D

Bottom I/O

- ▶ Power switch, 4 x USB 2.0, 2 x LAN and Mic In/Line Out 1/1

Hardware Monitoring

- ▶ Winbond W83627UHG integrated hardware monitor

Watch-Dog Timer

- ▶ 255 level software programmable watchdog timer

Operating Temperature

- ▶ 0 ~ 50°C (32 ~ 122°F) at full software load

Storage Temperature

- ▶ -20 ~ 70°C (-4 ~ 158°F)

Shock

- ▶ CFD: 25g peak acceleration (6msec duration)

Humidity

- ▶ Relative humidity 10 ~ 95%, non-condensing

Power requirement

- ▶ Universal AC input 100 ~ 240VAC @ 47/63Hz
- ▶ Optional DC input 12V, 24V, 48V, 125V and 250V

Compatible with Windows XP Embedded, Windows XP 32-bit, Windows 2000, Linux kernel 2.4.16 or above

Ordering Information

TR-5915-AC - Fanless embedded system with Intel ATOM 1.6GHz CPU, 2.5" SATA SSD and universal AC power supply

TR-5915-DC - Fanless embedded system with Intel ATOM 1.6GHz CPU, 2.5" SATA SSD and 125/250VDC power supply

Warranty: 3 years