

TR-7001



Features

- Intel Core i-Series, i7, i5 and i3 processors up to 3.4GHz with 1066/1333MHz FSB.
- 15" industrial quality LCD and touch screen with resolution 1024 x 768.
- Enclosure made of zinc plated steel coated with tough baked epoxy finish.
- Panel mount version has NEMA 4 rating with hose proof front panel seals.
- Complete revision control of design and all parts in the BOM.
- Integrated Intel Q67 chipset VGA, Gfx Gen 5.7.
- Mirror video - internal LCD panel and external SVGA port - laptop mode.
- 0 ~ 50°C operating temperature with full software load, 60°C for 2 hours.
- Dual DIMM sockets up to 16GB DDR3 1066/1333MHz high temperature memory.
- Multiple I/O functions - 3 x USB 2.0, 2 x COM, 1 x LPT and PS/2 keyboard ports.
- Dual 10/100/1000Bast-T LAN ports.
- 3 x PCI, 1 x PCIe x4 and 1 x PCIe x16 expansion slots.
- High speed MLC or SLC flash SATA drive up to 512GB with S.M.A.R.T. and SUPERCAP features.
- Warranty 3 years with telephone service support for life.
- Longevity of supply; until 2021.
- Manufactured by Transduction in Canada, always in stock.

TR-7001

TR-7001 Industrial PC w/ 15" LCD Touch Screen

Specification

Model

- TR-7001 Industrial Panel/Rack Mount Computer with Intel Core i-series Processor 15" LCD Touch Screen

Processor

- Intel socket LGA1155 for Core i-series, i7, i5 and i3 processors up to 3.4GHz with 1066/1333MHz FSB with 62CFM PWM air fan

Chipset

- Intel Q67 PCH

BIOS

- AMI BIOS, ACPI supported

LCD Display

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

Memory

- DDR3 1066/1333MHz up to 16GB, high temperature version

Ethernet

- 2 x Intel 82579V/82583V Gigabit LAN
- External RJ45 connectors

Display

- Intel Graphic Engine interface, DB15 SVGA connector

Expansion Slots

- 3 x PCI, 1 x PCIe x4 and 1 x PCIe x16 slots

SSD

- High speed flash SATA SSD 64GB ~ 512GB with S.M.A.R.T. and SUPERCAP features

CD-DVD-R/W

- SATA

Audio

- Intel Q67 chipset built-in HD audio with Realtek ALC662 codec for 5.1 channel output

I/O Ports

- 2 x Serial ports, 3 x USB 2.0 ports, 2 x RJ-45 LAN ports, 1 x LPT port and PS/2 keyboard/mouse connector

Hardware Monitoring

- Monitors system/CPU temperature and voltage status, also processor and system air fans

Watch-Dog Timer

- Generates system reset; 256 levels

Operating Temperature

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

Storage Temperature

- -40 ~ 70°C (-40 ~ 158°F)

Humidity

- Relative humidity 5 ~ 95%, non-condensing

Power Requirement

- Output rating - 300W
- Input voltage - 100 ~ 240VAC @ 47/63Hz
- Optional DC input power - 12V, 24V, 48V, 125V and 250VDC
- Electrical Safety Approval

Compliance: FCC Class B & CE

Seismic Compliance: IEEE 344 Category B

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

Additional Options

- 9U rack mount version
- Rear access Floppy/CD option
- Wall mounting brackets
- High speed flash SATA SSD 120GB ~ 512GB with bad block auto-correction
- SATA RAID1 option up to 1TB
- 6 additional USB ports
- BNC IRIG-A/B time sync option
- Safety glass in place of touch screen

Warranty: 3 years