

Transduction

Reliable Industrial Computer with Intel i7 Processor

TR-67K

TR-67K 1U Half Fanless Rack Mount Computer



Features

- Industrial ITX motherboard with Intel Core i-Series, i7 3.0 GHz mobile processor with passive heatsink.
- 1U half fanless enclosure with no processor fan to fail.
- Integrated Intel QM77 Express chipset.
- 0 ~ 50°C operating temperature with full software load, 60°C for 2 hours.
- Dual SODIMM sockets up to 16GB DDR3 1066/1333/1600MHz high temperature memory.
- Multiple I/O functions - 4 x USB 3.0/2.0, 1 x SVGA, 1 x DVI, 2 x LAN, and audio ports.
- High speed MLC or SLC industrial flash SATA MLC or SLC 64GB or 128GB drives or 3.5" server-class 1T hard drive.
- Internal mini PCIe x1 expansion slots.
- Warranty 3 years with telephone service support for life.
- Manufactured by Transduction in Canada, always in stock.
- MTBF is in excess of 100,000 work hours.

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TR-67K

Specifications

Model

- TR-67K industrial half fanless rack mount computer with Intel i7 3.0 GHz mobile processor

Processor

- Intel i7 3.70 GHz processor
- No processor air fan

Chipset

- Intel QM77 Express

BIOS

- AMI EFI, PnP 1.0a, DMI 2.0, SM BIOS 2.6, ACPI 2.0a

Memory

- SODIMM DDR3 1066/1333/1600MHz up to 16GB

Ethernet

- 1 x Intel 82574L Gigabit LAN

Video

- VGA & DVI

Disk I/O

- 2.5" SATA high speed flash 60GB or 120GB MLC or SLC industrial drives or SATA server-class hard drive

Audio

- Realtek ALC888 CODEC high definition

I/O Ports

- 1 x SVGA
- 1 x DVI
- 4 x rear USB 3.0/2.0 ports
- 2 x LAN Gigabit

Expansion Slots

- Mini PCIe x1

Storage

- 2 x SATA3, 1 x mSATA, RAID 0,1

Power

- Power consumption @ full software load - 30W
- 90-250VAC ~ 50/60Hz 60W external 12VDC power adapter
- Optional 125VDC and 250VDC input power

Operating Temperature

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

Storage Temperature

- -10 ~ 85°C (14 ~ 185°F)

Humidity

- Relative humidity 10 ~ 90%, non-condensing
- Storage: Relative humidity 45% max. non-condensing

Cooling

- 2 x redundant 50% slowed down ball bearing air fans for minimum air flow

Compliance

- ESA, FCC and CE

Shock & Vibration

- Shock - 25G, Vibration - 5G

Altitude with flash SSD

- 30,000ft

MTBF

- > 100,000 hours

Dimensions

- 1U 1.75" (undersized) (H) X 9.0" (D) X 19" (W) rack mount (17" behind the "ears")

Warranty: 3 years

Options

- Dual channel DDR3 memory up to 16GB
- Server-class 1TB SATA hard drive
- Industrial MLC or SLC flash 60GB or 120GB drives
- Universal AC 90-250VAC power supply
- 125VDC (90 to 150V) power supply
- 250VDC (200 to 275V) power supply