

Transduction

TR-570

1U RACK MOUNT COMPUTER

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Reliable Control - Network Computer

TR-570 control/network computer is designed for Intel mobile MEROM Dual Core Duo Processors. It needs only 50W of power. Flash disk drive can be used with an optional 2.5" hard drive.

Four 1000 Mbs Gigabit LAN ports are included for flexibility of network and control connections. Two of these ports can be supplied with internal single or multimode fibre adapters.

This computer can operate from 100 to 240 VAC or 8 to 18 VDC and 125, 250 VDC. Other DC inputs such as 24 and 48V are optional.

Two rear ball bearing air fans remove excess heat and assure long term reliability. Operating temperature range is 0 - 50°C.

Packaged in a small rack mount case (1 U, 9" deep), TR-570 is a reliable component for control and network applications.

Base price of the TR-570 is only \$699 for a bare bone system. Typical configuration with 1.66 Ghz Intel MEROM processor, 1 GB memory and 4 GB solid state flash drive is \$1375.

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SPECIFICATIONS:

- **CPU:** Intel Core 2 Duo processor 1.66 GHz, 667 MHz fsb, 2 MB L2 Cache
- **DRAM:** 2 DDR 533/667 MHz up to 3 GB
- **Chipset:** Intel 945GM & 1CH7M
- **SVGA interface:** Intel 945GM GMA - Resolution up to 2048 x 1536
- **Serial ATA:** 2 x Serial ATA 150 MB/s
- **Solid State Disk:** IDE DOM & 2.5" Flash Drive 2 to 32 GB
- **I/O Ports:** 2 x RS232C serial ports, 1 x RS232/422/485 port, 2 front & rear USB 2.0, 1 x DB15 SVGA, 1x PS/2 keyboard and mouse ports
- **Real Time Clock:** Chipset integrated RTC with onboard lithium battery
- **Watchdog Timer:** Generates system reset with 1 to 255 sec./min of time out value
- **LAN Interface:** 4 x Intel 82573L Gigabit Ethernet ports
- **Power Requirements:** 100 to 240 VAC 50/60 Hz or 125 VDC or 250 VDC, 50W
Optional -48, 24, 12 VDC - 50 W
- **Environmental:** Operating temperature 0-50°C, Humidity 10-90% noncondensing, tested up to 60°C for 5 hours
Shock 25G, Vibration 5G
- **Dimensions:** 1.75"H x 9.0"D x 19" rack mount (17" behind the "ears")
- **Weight:** 2 lbs
- **Warranty:** 3 years
- **Compatibility:** All Microsoft Windows, Linux and QNX Version 6.3

OPTIONS:

- **GPIO Interface:** Onboard programmable 8-bit Digital I/O interface with external connector. One of these I/O ports can control isolated reed relay wired to external female DB9 connector
- **DVI Interface:** External DVI connector