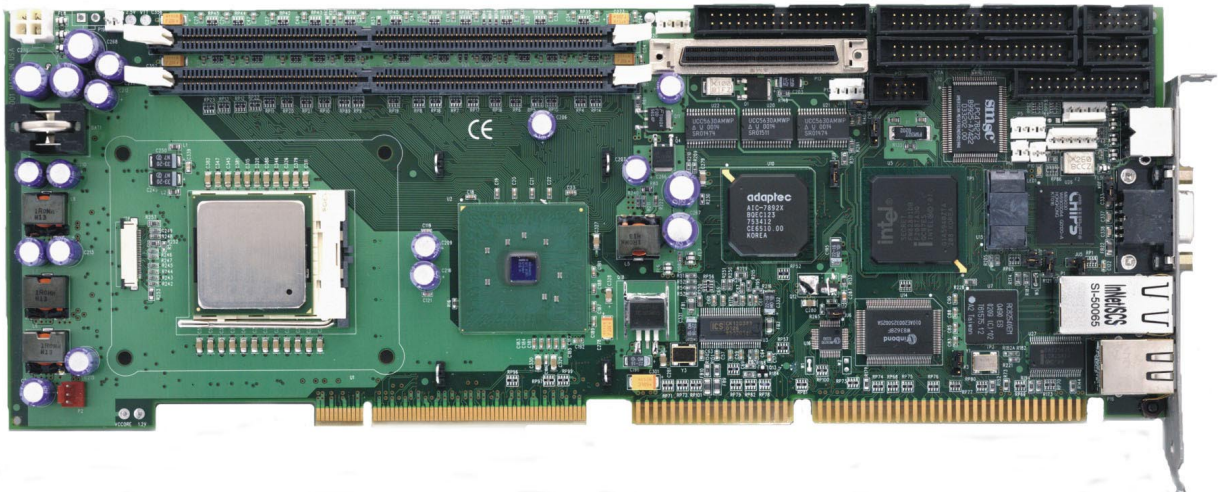


TR-T4I

TR-T4I Single Board Computer



Features

- ▶ Intel® Pentium 4™ processor with 400/533MHz FSB.
- ▶ NetBurst Micro-Architecture.
- ▶ Hyper-Pipelined Technology.
- ▶ Intel® 845E chipset.
- ▶ Up to 2GB DDR200/266 memory.
- ▶ 10/100 Base-T Ethernet and 10/100/1000 Base-T Ethernet.
- ▶ Ultra160 SCSI.
- ▶ Programmable System Hardware Monitor.
- ▶ TR-T4I Power Fail Detection feature monitors voltages.

TR-T4I

Specification

Processor

- ▶ Intel® Pentium 4™ processors at speeds of 2.0GHz to 3.06GHz or Celeron™ 2.0GHz

Chipset

- ▶ Intel® 845E

Memory

- ▶ 2 DDR 184-pin DIMM sockets
- ▶ DDR200/266 memory up to 2.0GB

LAN

- ▶ 1x 10/100 Base-T Ethernet, RJ-45 connector
- ▶ 1x 10/100/1000 Base-T Gigabit Ethernet, RJ-45 connector

Video

- ▶ Intel® 69030 video interface
- ▶ Provides 4MB of on-chip memory

PCI/PCI-Express

- ▶ 400/533MHz FSB
- ▶ ISA 16-bit/8MHz
- ▶ PCI 32-bit/33MHz

On Board I/O

- ▶ Dual EIDE Ultra ATA/100, each supporting up to 2 IDE disk drives
- ▶ Ultra160 SCSI interface using Adaptec SCSI controllers
- ▶ 2 x Serial Ports, 16C550 UART's, BIOS selectable addressing
- ▶ 1 x EBP/ECP/EPP Parallel Port, BIOS selectable addressing
- ▶ 2 x USB 2.0 Ports
- ▶ PS/2 Mouse/Keyboard interface
- ▶ Floppy Drive interface accepts up to 2 drives

Watch-Dog Timer

- ▶ Programmable Watchdog Timer provides a total range of 30ms to 60sec
- ▶ Programmable increments of 30ms, 10s and 60s

Additional Features

- ▶ Programmable System Hardware Monitor to monitor voltage, fan speed and temperature

Power

- ▶ ATX +12V, 4-pin connector for P4
- ▶ +/-12V, 8.0A*
- ▶ +5V, 7.0A*
- ▶ +3.3V, 7.0A* (through the PICMG connector)
**Calculated maximum*
- ▶ TR-T4I Power Fail Detection feature continuously monitors voltages

Operating Temperature

- ▶ 0°C to 45°C operating range
- ▶ Relative Humidity: 5~90%, non-condensing

Storage Temperature

- ▶ -40°C to 70°C

Warranty: 3 years +10% for 5 years

Ordering Information

- ▶ TR-T4I-3.06 - P4 3.06GHz 512K cache 533MHz FSB
- ▶ TR-T4I-2.8 - P4 2.8GHz 512K cache 533MHz FSB
- ▶ TR-T4I-2.4 - P4 2.4GHz 512K cache 533MHz FSB
- ▶ TR-XPT-2.0 - P4 2.0GHz 512K cache 533MHz FSB
- ▶ TR-T4I-Celeron-2.0 - Celeron 2.0GHz 128K cache 400MHz FSB