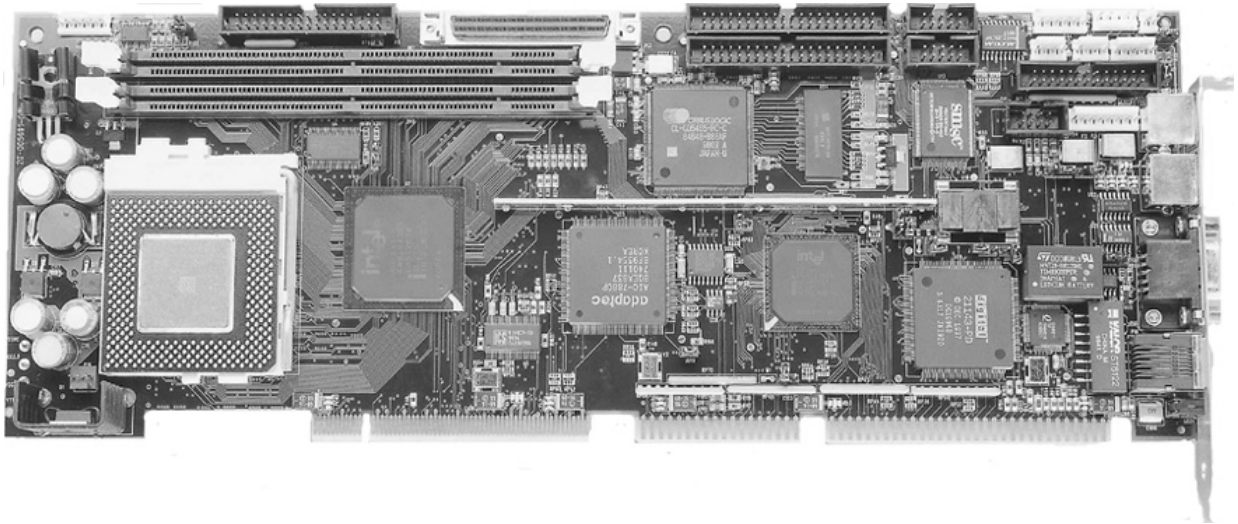# Transduction

## TR-CBI

# Precise Performance P3 Single Board Computer

**TR-CBI Single Board Computer**



## Features

➤ Intel® Pentium® III processor 850MHz or 1.0GHz and Intel® Celeron® processor at 850MHz.

➤ Intel® 440BX AGPset with Accelerated Graphics Port (AGP).

➤ Up to 512MB PC100 SDRAM, 2 x 168-pin DIMM sockets.

➤ PCI Ultra Wide SCSI interface.

➤ Enhanced Bi-Directional Parallel Interface.

➤ PCI 10/100Base-T Ethernet interfaces.

➤ Programmable System Hardware Monitor.

# Transduction

## TR-CBI

# Precise Performance P3 Single Board Computer

**TR-CBI Single Board Computer**

## Specification

**Processor**
- ► Intel® Pentium® III processor at 850MHz or 1.0GHz
- ► Intel® Celeron® at 850MHz

**Chipset**
- ► Intel® 440BX AGPset

**Memory**
- ► Up to 512MB PC100 SDRAM non-ECC or ECC memory
- ► 2 x 168-pin DIMM sockets

**LAN**
- ► 1 x PCI 10/100 Base-T Ethernet with RJ-45 connectors in the I/O bracket

**Video**
- ► Intel® 69000 AGP video interface
- ► Provides 2MB of integrated video memory

**Bus Speed**
- ► 66/100MHz
- ► ISA 16-bit/8MHz
- ► PCI 32-bit/33MHz

**On Board I/O**
- ► Dual Ultra DMA/33 EIDE, supports up to 4 IDE disk drives
- ► Adaptec AIC-7880 UltraWide SCSI
- ► 1 x EBP/EPP/ECP Parallel Port, BIOS selectable addressing
- ► 2 x USB 1.0 interfaces
- ► 2 x Serial Ports, 16C550 UART's, BIOS selectable addressing
- ► PS/2 Mouse/Keyboard interface
- ► Floppy Drive interface, supports up to 2 drives

**Watch-Dog Timer**
- ► Software controlled watchdog timer monitors system activity and generates a reset pulse in the event of a timeout

**Power**
- ► ATX +5V, +/-12V
- ► TR-CBI Power Fail Detection issues a hardware reset when on-board voltages drop below 4.75V

**Form Factor**
- ► 9.185" (233.3mm) L x 6.3" (160mm) H x 1.69" (42.9mm) W

**Additional Information**
- ► Programmable System Hardware Monitor - monitor voltage, fan speed and temperature. Will send alert system messages or perform corrective action

**Operating Temperature**
- ► 0ºC to 60ºC operating range
- ► Relative Humidity: 5~90%, non-condensing

**Storage Temperature**
- ► -40ºC to 70ºC

**Warranty:** 3 years +10% for 5 years

**Ordering Information**
- ► TR-CBI-1.0 - P3 1.0GHz 256K cache 100MHz FSB
- ► TR-CBI-850 - P3 850MHz 256K cache 100MHz FSB
- ► TR-CBI-Celeron - Celeron 850MHz 128K cache 100MHz FSB