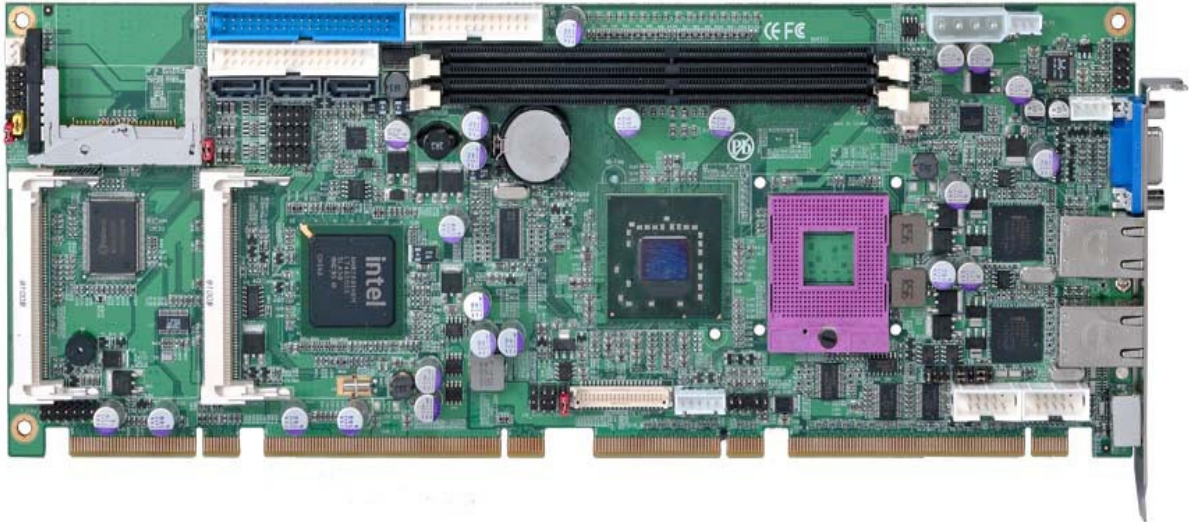


TR-990

TR-990 Single Board Computer



Features

- ▶ Intel Core 2 Duo processor Merom with Socket P at 800MHz FSB
- ▶ Intel GME965 and ICH8M chipset
- ▶ 2 x 240-pin DDR2 533/667MHz up to 3.0GB
- ▶ Built-in Intel Extreme GMA X3100 Technology
- ▶ Onboard 18/24bit Dual Channel LVDS connector
- ▶ 3 x Serial ATA interface with 300MB/s transfer rate
- ▶ 2 x Intel 82573L Gigabit Ethernet
- ▶ Realtek ALC888 HD Audio
- ▶ IDE support 40-pin DiskOnModule. 1 x CompactFlash Type-II socket
- ▶ On-board 8-bit Digital I/O interface
- ▶ PS/2 keyboard/mouse, VGA, LAN and COM

TR-990

Specification

Processor

- ▶ Support Intel Core 2 Duo/Celeron M Mobile processor with 533/800MHz FSB

Processor Socket

- ▶ 478-pin Micro-FCPGA478 (Socket P)

Chipset

- ▶ Intel GME965 & ICH8-M chipset

Memory

- ▶ 2 x DDR2 533/667MHz DIMM, up to 3GB with dual channel mode

LAN

- ▶ 2 x Intel 82573L Gigabit Ethernet controllers

Video

- ▶ Intel GME965 integrated GMA (Graphics Media Accelerator) X3100 Technology

PCI/PCI-Express

- ▶ PICMG 1.3 Interface support 1 x16 PCI-Express and 4 x 1 PCI-Express
- ▶ 4 x PCI bus master
- ▶ 6x USB 2.0 Interface
- ▶ 2 x Mini-PCI socket

SATA

- ▶ 3 x serial ATA interface with 300MB/s transfer rate

Audio

- ▶ Intel ICH8-M integrated with Realtek ALC888 HD Audio

On Board I/O

- ▶ 1 x RS232, 1 x RS232/422/485, 1 x IrDA, 1 x FDD, 1 x GPIO (on-board programmable 8-bit Digital I/O interface)
- ▶ 6 x USB, 1 x CDIN connector, 1 x Audio connector, 1 x Parallel, 1 x LVDS (18-bit dual channel connector), 1 x LCD inverter
- ▶ 2 x RJ45 LAN, 1 x DB15 VGA, 1 x PS/2 Keyboard/Mouse

Watch-Dog Timer

- ▶ Programmable watchdog timer from 1min/sec.~255 min/sec.

Form Factor

- ▶ 13.3"(L) x 4.9"(W); or 338mm (L) x 126mm (W)

Power

- ▶ +5V, +12V and 5Vsb

Operating Temperature

- ▶ 0°C to 60°C (32°F to 140°F) operating range
- ▶ Relative Humidity: 5~95%, non-condensing

Storage Temperature

- ▶ -20°C to 85°C (-5.8°F to 185°F)

Compatible with Windows 2K, Vista, Linux & DOS 6.22.

System Warranty: 3 years +10% for 5 years