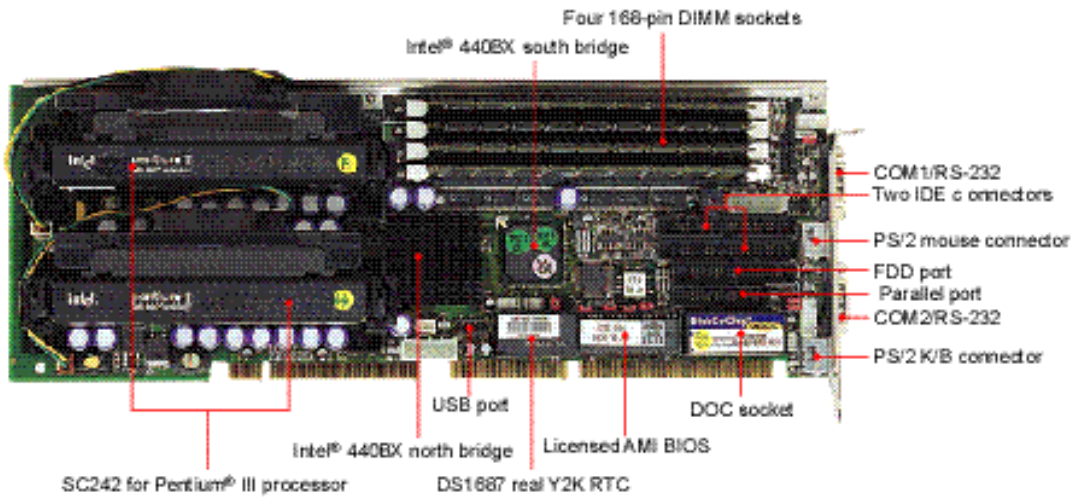


ACTI-688

Advanced PICMG Dual-processor SBC with ISA64, Based on the Pentium® III Processor



- ◆ Support dual Pentium® III processors for the SC242 up to 850MHz
- ◆ Support up to 1GB (max.) of SDRAM with ECC function
- ◆ Full-sized all-in-one SBC with PICMG 2.0 compliance
- ◆ PCI Bus spec. V2.1 compliant
- ◆ PC '98 & Year 2000 compliant
- ◆ ISA64 driving capability
- ◆ Support DOC, DOM (Disk-On-Module) and ATX function

Specifications

CPU

- ◆ Support dual Intel® Pentium® III processors up to 850MHz

Chipset

- ◆ Intel® 82440BX AGPset

Memory

- ◆ Four 168-pin DIMM sockets support up to 1GB (max.) of 3.3V SDRAM with ECC function

BIOS

- ◆ AMI system BIOS (128/256KB flash ROM)

On-Board I/O

- ◆ On-board Winbond W83977ATF super I/O with two USB ports

Watchdog Timer

- ◆ 8 time intervals from 0.5 sec. to 64 sec. by jumper setting or 255 intervals from 0.5 min. to 254.5 min. by software programming

Power Requirement

- ◆ +5V@15A (typ.), +12V@100mA, -12V@20mA

Board Dimension

- ◆ 339.5(L) x 122(W) mm
- ◆ 13.37"(L) x 4.8"(W)
- ◆ 8-layer PCB (Double-sided component)

Operating Temperature

- ◆ 0 to +55°C

Connector

- ◆ Support Mini DIN, 5-pin header & PS/2 type keyboard connector
- ◆ Support external power connector

Additional Functionality

DiskOnChip Flash Disk

- ◆ Reserve socket for DiskOnChip up to 288MB flash disk size
- ◆ Compact Windows NT can be built into the 16MB DOC for booting the system

ISA64 ISA-bus Driving Capability

- ◆ Support 64mA high driving capability for ISA-bus slot on backplane

System Hardware Monitoring (LM79)

- ◆ Monitor CPU & chassis fan status, system temperature and DC voltage

Wake-On-LAN & Modem-Ring-On

- ◆ Support ATX function with 4-pin header to connect to backplane
- ◆ Standby 3-pin header to support LAN card

Ordering Guide

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