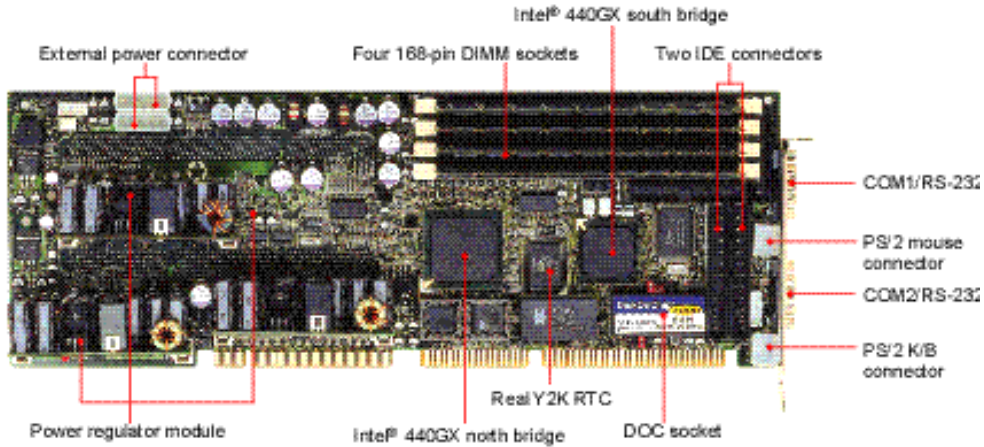


ACTI-888

World's First PICMG Dual-processor AIO SBC, Based on the Pentium® III Xeon™ Processor



- ◆ Support dual Pentium® III Xeon™ for the SC330 processors up to 800MHz
- ◆ Adopt specially designed CPU braces to make the board more rugged
- ◆ PC '98, PCI V2.1 & PICMG 2.0 industrial standard compliant
- ◆ One DOC socket for booting Windows NT directly
- ◆ 512KB SDRAM built-in L2 cache inside the embedded module with a Pentium® III Xeon™ processor
- ◆ Adopt DS1687 RTC to support real Y2K compliance
- ◆ ECC (Error Checking & Correction) & DIMM SPD (Serial Presence Detect)
- ◆ Support three VRM 8.3 to have the best stability
- ◆ Target multi-processor O/S:
 - Windows NT advanced Server
 - Novell Netware
 - OS/2 Warp server
 - SCO Open server

Specifications

CPU

- ◆ Dual set-up for Intel® Pentium® III Xeon™ processors up to 800MHz

Chipset

- ◆ Intel® 82440GX AGPset with MMX™ technology

Memory

- ◆ Four 168-pin DIMM sockets support up to 2GB of 3.3V PC-100 SDRAM with ECC function

BIOS

- ◆ AMI system BIOS (256KB flash ROM)

On-Board I/O

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

Auxiliary I/O

- ◆ One 2-pin system reset switch
- ◆ One 4-pin external speaker interface
- ◆ One 5-pin key lock header
- ◆ One 2-pin HDD active indicator interface
- ◆ One 4-pin ATX power control interface

Watchdog Timer

- ◆ 1, 2, 4, 8, 16, 32, 64 seconds time-out interval

Power Requirement

- ◆ +5V@4A (typical), +12V@3.2A (typical)
- ◆ -12V@30mA

Board Dimension

- ◆ 339.5(L) x 122(W) mm
- ◆ 13.37"(L) x 4.8"(W)
- ◆ 8-layer PCB
- ◆ Space needed: 13.36"(L) x 5.2"(W)

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

- ◆ Support M-Systems' flash disk up to 288MB

System Monitoring / Protection

- ◆ Auto speeds down when system overheats
- ◆ ADM 9240 on board to have thermal sensor, two FAN speed monitoring connectors and 7 voltage input
- ◆ Wake-On-LAN & Modem-Ring-On

Ordering Guide

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Advanced PCI/ISA dual-processor AIO SBC, based on the Pentium® III Xeon™ processor