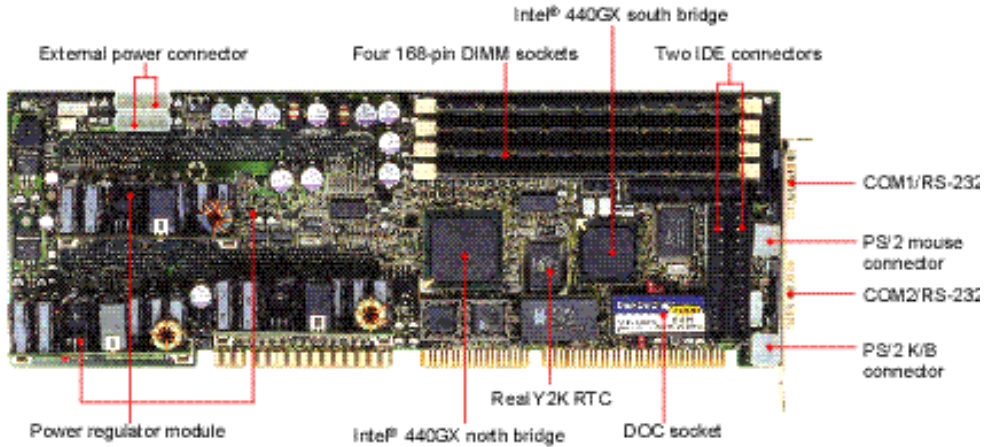


# ACTI-888

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

### ACTI-888

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