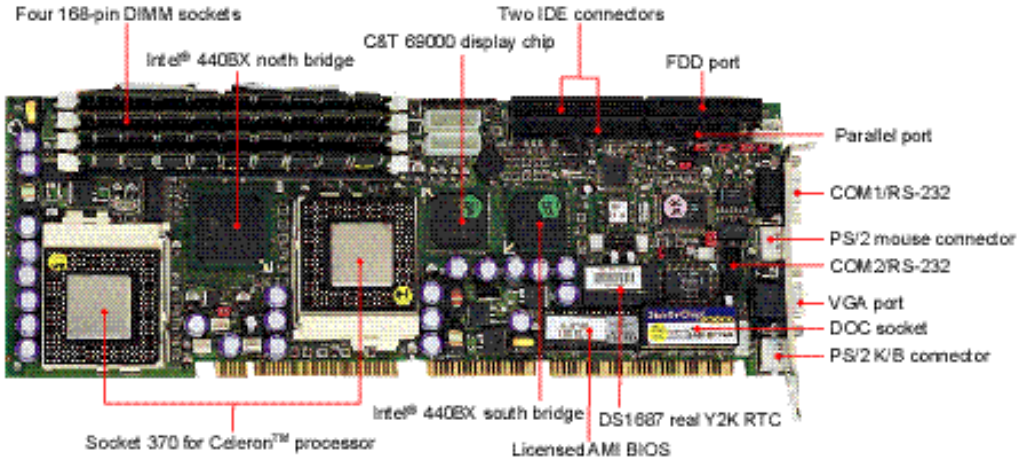
ACTI-788

Advanced PICMG SBC with On-board AGP VGA, Based on the Dual Socket 370 Processor



- Support dual Socket 370 processors with bus clock up to 66MHz
- Support up to 1GB (max.) of SDRAM with ECC function
- Support AGP VGA display up to 2MB VRAM
- 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 ATX function with WOL and Modem-Ring-On

Specifications

CPU
- Support Intel® dual Socket 370 processors up to 533MHz

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 (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@10A (typ.),+12V@180mA, -12V@50mA

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

Optional On-board VGA
- Intel® C&T 69000 chipset with built-in 2MB SDRAM
- Adopt AGP interface
- Support display mode up to resolution 1280x1024 and 60Hz refresh rates

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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