MSC-366

Advanced Slot 1 PICMG SBC With VGA / LAN

MiTAC

- 168Pins DIMM*2
- Intel 440BX
- LCD Connector
- Trident 9525 CRT/LCD
- Ext. Keyboard Connector
- PS/2 Keyboard Connector
- PS/2 Mouse Connector
- VGA Port
- RJ45
- CPU Fan Interface
- Slot 1 for CPU
- System Fan Connector
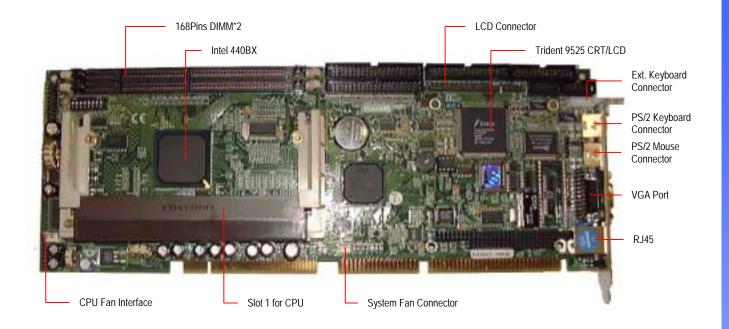
Introduction

The MSC-366 all-in-one full-sized PICMG single board computer is designed to fit a high performance Slot 1 P-II / P-III processor for high-end computer system application with PCI/ISA bus architecture. It is made to meet today's demanding pace, and keep complete compatibility with hardware and software designed for the IBM PC/AT.

The integrated Trident 9525 2MB AGP2x chipset supports CRT and LCD displays. Two 168-pin DIMM sockets are provided on the card, which can be installed with up to 512MB of memory. It also offers several industrial features such as watchdog timer and on-board 10/100 Base-T networking connection. The MSC-366 is a highly reliable line of CPU card perfect for IPC applications of computer telephony integration applications.

Features

- ➢ Support Intel Pentium II or Pentium III (Slot 1)
- ➢ Intel 440BX Chipset
- ➢ 2 x 168-pin DIMM sockets UP to 512MB
- ➢ Bus master IDE and Ultra DMA-33 supported
- ➢ 16 level programmable watchdog timer
- ➢ M-System Disk On Chip flash disk
- ➢ Trident 9525 2MB AGP2X VGA supports CRT and LCD displays
- ➢ On-board auto-switching 10/100 Base-T Ethernet
- ➢ Monitoring system temperature, voltage, and cooling fan status
- ➢ Supports two USB ports
- ➢ Supports IrDA

Specifications

Processor	Intel Pentium II or Pentium III (Slot 1)
CPU Speed	733 Mhz
BUS Clock Rate	66/100 MHz
Chipset	Intel 440BX Chipset
BIOS	Award BIOS
Cache	Integrated in CPU
Main Memory	Two 168-pin DIMM sockets, Supports up to 512MB
IDE Interface	Two channels for up to four IDE devices Support bus master Ultra DMA 33
FDD Interface	Supports up to two floppy disk drives
Serial Port	One RS-232 and One RS-232 / 422 / 485
Parallel Port	One ECP/EPP/SPP parallel port
Disk On Chip	M system Disk On Chip flash disk from 2MB to 72MB
Keyboard/Mouse Connectors	PS/2 6-pin and 5pin header keyboard connector PS/2 6-pin mouse connector
Watchdog Timer	16 level programmable timer, from 0-30 seconds

USB	Two USB ports
IrDA	One IrDA connector
VGA Chipset	Trident 9525 AGP2x
Display Memory	2MB SDRAM
Display Type	Supports CRT & LCD
Display Resolution	Displays up to 1280x1024
LAN Chipset	VIA VT86C100A
Ethernet Bus	10/100 Base-T Ethernet RJ-45 connector on board
ISA Buffer	Support high driving capability for ISA-BUS
Dimensions (L x W)	338mm x 124mm (13.33" x 4.88")
Operating Temperature	$0\ ^{o}C \sim 60\ ^{o}C$
Relative Humidity	5% ~ 95%, Non-condensing
Power Supply Voltage	+5V @ 6A

Note: Specification is subject to change without notice.