MB-X63A

Dual Socket 370 Pentium® III ATX Motherboard with VGA/2xLAN/Sound

2 RJ45 Ethernet Connectors
Lin-out & Speaker-out
VGA & COM1 connector
Lin-in & Mic-in
LPT
Li Battery
2 USB Ports
Mini-DIN PS/2 Keyboard/ Mouse Connector
AUX Power Connector
6 PCI slots
ATX Power Connector
FC-PGA Socket 370 CPU 1
FC-PGA Socket 370 CPU 2
Socket for M-Systems DiskOnChip®
FDD Port
4 DIMM Sockets for Up To 2GB SDRAM
2 IDE Ports
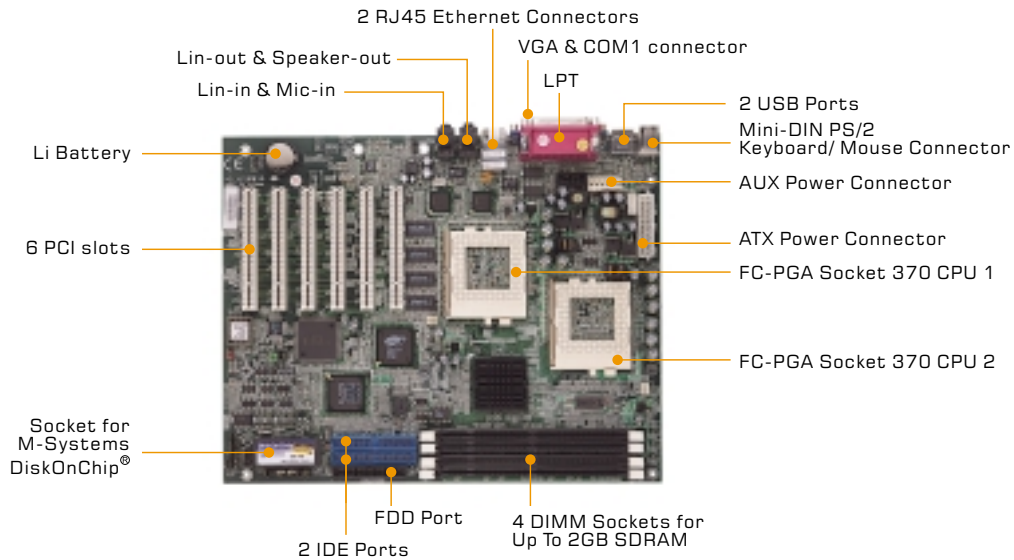
FEATURES

- Support dual Socket 370 CPU, support 66/100/133 MHz FSB, running up to 133MHz x 7.5(1GHz)
- VIA 694X/686B chipset
- Four 168-pin DIMM socket, support up to 2GB SDRAM
- Two Intel® 82559 chip, support two 10/100 Base-TX Ethernet controllers. On-board RJ-45 connector and Wake-On-LAN function
- Built in six PCI bus slots
- Two PCI IDE ports that support up to four IDE devices and Ultra DMA-33/66/100
- Reserved Socket for DiskOnChip® up to 144MB

SPECIFICATION

CPU
Support dual Intel® Pentium® III Processor in Socket 370 running up to 133MHz x 7.5(1GHz), 66/100/133 MHz FSB

Chipset VIA 694X/686B chipset

BIOS
Award® licensed BIOS (2M bit Flash ROM)

System Memory
4x168-pin DIMM sockets, support up to 2GB SDRAM

VGA
ATI Rage XL, with 8MB video memory and DB-15 connector

Sound
AC-97 codec with 4 phone jacks on rear I/O Area

Ethernet 2 Intel® 82559 chip, support 2 10/100 Base-TX, on-board RJ-45 connector (Double stack and Wake-on-LAN function)

Flash Memory Disk
Reserved socket for DiskOnChip® from M-System, support up to 144MB flash memory disk

IDE Interface 2 PCI IDE ports that support up to 4 IDE devices and Ultra DMA-33/66/100

Floppy Drive Interface
1 FDD port, support up to 2 floppy devices

Serial Port 2 COM ports, 1 x RS-232(DB-9) and 1 x RS-232/422/485(pin header with housing)

Parallel Port 1 Multi-mode parallel port (SPP/EPP/ECP) (DB-25)

Universal Serial Bus Support 2 USB ports

Keyboard Connector 6-pin mini-Din PS/2 keyboard connector and 5-pin header

Mouse Connector
6-pin mini-DIN PS/2 mouse connector

IR Interface Support 1 IrDA header (version 1.0)

RTC Internal RTC with Li battery

Expansion Slot 6 PCI bus slots

Digital I/O 4-bit digital I/O header

Health Monitoring
On-board hardware monitor function

Power Connector
ATX power connector (20-pin) and auxiliary ATX power connector (6-pin)

Watchdog Timer 16-level time-out intervals (by software program)

Power Consumption
+5V@8.8A (Pentium® III 1GHzx2, 512MBx4 SDRAM) +12V:660mA, -12V:-50mA, -5V:-30mA, +3.3V:3.5A

Operating Temperature $0^0C \sim 55^0C$

Storage Temperature $-20^0C \sim 70^0C$

Humidity 5% ~ 95% RH, non-condense

Dimensions 305 x 244mm (12.0" x 9.6")

Net Weight 500g (1.10 pounds)