# MB-X62A

## Dual Socket 370 PIII 1U Server Motherboard with VGA/3xLAN/SCSI



Labels (clockwise): VGA & COM1 Connector, LPT, LAN 1 and USB Ports, Mini-DIN PS/2 Keyboard/Mouse Connector, ATX Power Connector, FC-PGA Socket 370 CPU 2, 4 DIMM Sockets for Up To 2GB SDRAM, FC-PGA Socket 370 CPU 1, FDD Port, IDE 2, IDE 1, Li Battery, Socket for M-Systems DiskOnChip®, COM2, PCI Slot, Internal SCSI Connector, External SCSI Connector, LAN 3, LAN 2
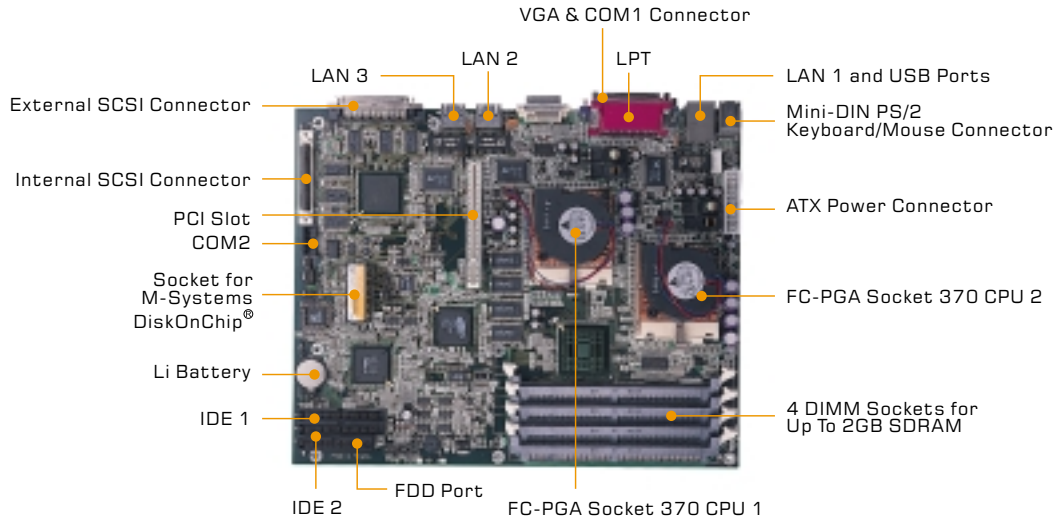
## FEATURES

· Special design for 1U Server
· Support dual Intel® Pentium® III CPU in Socket 370, support 133 MHz FSB.
· VIA 694X/686A chipset
· Four DIMM sockets, support up to 2GB SDRAM
· ATI Rage XL AGP VGA Controller
· Dual Channel Ultra 3 SCSI
· Three 10/100 Base-TX interface, on-board RJ-45 connector, support Wake on LAN function
· Reserved Socket for DiskOnChip® up to 144MB
· One PCI expansion slot

## ORDERING INFORMATION

| Model | Description |
|-------|-------------|
| MB-X62A | with VGA/3xLAN/SCSI |
| MB-X62B | with VGA/3xLAN only |

## OPTIONAL

| Item |
|------|
| 68P Ultra 160 1 to 3 SCSI cable |
| **Part Number** |
| 0800500780003 |
| **Item** |
| 68P Ultra 160 1 to 6 SCSI cable |
| **Part Number** |
| 0800500780002 |
| **Item** |
| Slim cooling fan for 1U chassis |
| **Part Number** |
| 0820103M00001 |

## SPECIFICATION

**CPU**
Support Dual Intel® Pentium® III Processor in Socket 370 (66/100/133MHz FSB)
**Chipset** VIA 694X/686A chipset
**BIOS** Award® licensed BIOS
**System Memory** 4 x 168-pin DIMM socket, support up to 2GB SDRAM
**AGP VGA** ATI Rage XL
**SCSI controller**
LSI SYMBIOS SYM53C1010 Dual Channel Ultra 3 SCSI chip
**Ethernet**
3 Realtek RTL8139C chip, support 10/100 Base-TX, on-board RJ-45 connector, support 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
**Floppy Drive Interface**
1 FDD port, support up to 2 floppy devices

**Serial Port**
2 COM ports, 1 x RS-232 and 1 x RS 232/422/ 485
**Parallel Port**
1 Multi-mode parallel port (SPP/EPP/ECP)
**Universal Serial Bus** Support 2 USB ports
**IR Interface** Support 1 IrDA header
**RTC** Internal RTC with Li battery
**Expansion Slot** 1 PCI slot
**Digital I/O** 4-bit digital I/O header
**Health Monitoring** On chip VIA 686A
**Watchdog Timer**
7 level time-out intervals(by software program)
**Power Consumption**
+5V@5.45A (Pentium® III 933MHz, 512MBx4 SDRAM) +12V:380mA, -12V:20mA, -5V:10mA
**Operating Temperature** $0^0C \sim 60^0C$
**Humidity** 5% ~ 95%, non-condense
**Dimensions** ATX form factor 305 x 244mm (12.0" x 9.6")
**Net Weight** 615 g ( 1.35 pounds )

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