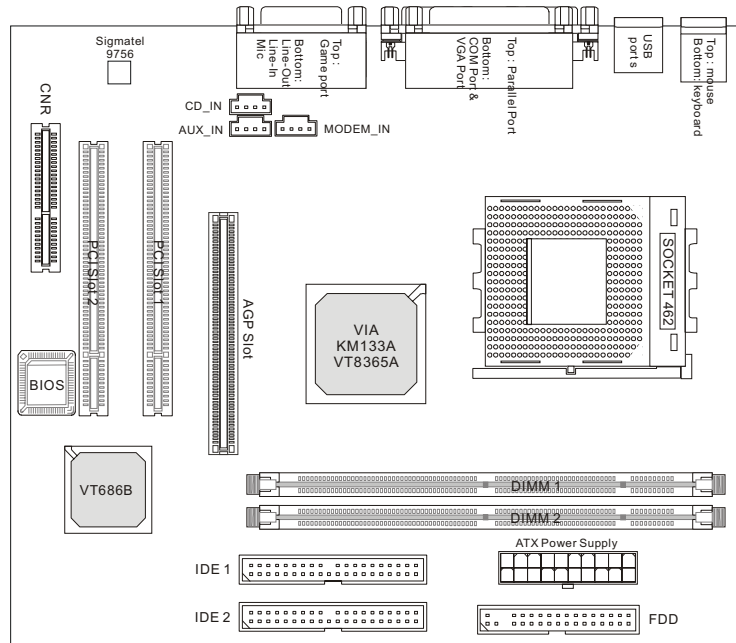


MS-6511 v.0C Flex ATX VA Mainboard

Support AMD® Duron™/Athlon Processor with 3DNOW™ Technology



Mainboard Specification

CPU

- Socket A for AMD® Duron™/Athlon processor.
- Support 600MHz, 650MHz, 700MHz, 800MHz, 850MHz, 900MHz, 950MHz, 1GHz, 1.1GHz, 1.2GHz, 1.3GHz or higher Palomino processor.

Chipset

- VIA® KM133A VT8365A chipset. (552 BGA)
 - FSB @200MHz/266MHz
 - Integrated Savage4 2D/3D Graphics controller
 - AGP 4x and PCI Advanced high performance memory controller
 - Support PC100/133 SDRAM, & VCM technology
- VIA® VT686B chipset. (352 BGA)
 - Enhanced Power Management Features
 - Integrated Super I/O (FDC, LPT, COM, and IR)
 - Dual bus Master IDE Ultra DMA33/66/100
 - Integrated Hardware Soundblaster
 - Direct Sound AC97 Audio
 - ACPI

Clock Generator

- 100MHz/133MHz clocks are supported. (200MHz/266MHz Internal System Bus)

Main Memory

- Support four memory banks using two 168-pin unbuffered DIMM.
- Support a maximum memory size of 1GB (32M x 8).
- Support 3.3v SDRAM DIMM.

Slots

- One AGP(Accelerated Graphics Port) slot.
 - AGP specification compliant
 - Support AGP 2.0 1x/2x/4x
- One CNR(Communication Network Riser) slot.
- Three 32-bit Master PCI Bus slots.
- Supports 3.3v/5v PCI bus Interface.

On-Board IDE

- An IDE controller on the VIA® VT686B Chipset provides IDE HDD/CD-ROM with PIO, Bus Master and Ultra DMA 33/66/100 operation modes.
- Can connect up to four IDE devices.

Audio

- Chip Integrated
- Sigmatal 9756
 - AC97 2.1 Compliant
 - Support 2 Channels Audio & spdif out

On-Board Peripherals

- On-Board Peripherals include:
 - 1 floppy port supports 2 FDD with 360K, 720K, 1.2M, 1.44M and 2.88Mbytes.
 - 1 serial port (COMA)
 - 1 parallel port supports SPP/EPP/ECP mode
 - 4 USB ports (2 Rear Connectors/USB Front Pin Header)
 - 1 IrDA connector for SIR/CIR/FIR/ASKIR/HPSIR.
 - 1 Audio/Game port
 - 1 VGA port

BIOS

- The mainboard BIOS provides "Plug & Play" BIOS which detects the peripheral devices and expansion cards of the board automatically.
- The mainboard provides a Desktop Management Interface(DMI) function which records your mainboard specifications.

Dimension

- Flex ATX Form Factor 191mm X 228mm

Mounting

- 6 mounting holes.

Special Features:

- PC 99 Color Connectors
- Micro ATX Form Factor
- Support Accelerated Graphic Port (AGP) Add-In Card
- Chip Integrated Savage4 2D/3D Graphics Controller
- Support AMD® K7 processors at 100MHz/133MHz System Bus Frequencies
- Chip Integrated Audio
- Support DMI(Desktop Management Interface) through BIOS
- LAN Wake Up Function
- Modem (Internal/External) Ring Wake Up Function
- Support PCI 2.2
- Suspend to RAM/Disk
- Hardware Monitoring (optional)
- PC2001 comply
- CPU & System Fan Control