MSC-3700A

Socket 370 All-in-one CPU Card with VGA / LAN / SSD

Specifications

Standard SBC Functions

- **Processor**
  Dual Socket 370, support Intel Pentium !!! processor.
- **CPU Speed**
  600MHz - 1GHz
- **BUS Clock Rate**
  100/133MHz
- **Chipset**
  VIA VT82C694X/VT82C686B
- **BIOS**
  Award PnP flash BIOS
- **Cache**
  L2 cache Integrated in CPU
- **Main Memory**
  Three 168-pin DIMM sockets, up to 1.5GB SDRAM.
- **IDE Interface**
  Two bus mastering EIDE mode 4, up to four devices
  Supports Ultra DMA-33/66/100
- **FDD Interface**
  Supports up to two floppy disk drives
- **Serial Port**
  One RS-232
  One RS-232 /422/485
- **Parallel Port**
  One ECP/EPP/SPP parallel port
- **Keyboard/Mouse Connectors**
  PS/2 connector with Y-cable.
- **Watchdog Timer**
  3-level hard-ware setting.
- **USB**
  Two USB ports
- **IEEE1394**
  One IEEE1394 header

- **IrDA**
  One IrDA header
- **Power Management**
  Supports PC98/99 ACPI
- **Power Connector**
  6-pin header for ATX power
  6-pin header for AT power
- **Power Supply Voltage**
  +5V (4.75~5.25V)
  +12V (11.4~12.6V)
- **Other Features**
  Modem ring-on function
  Wake on LAN

Hardware Monitoring

- **Chipset**
  Integrated in VT82C686B
- **Monitoring**
  CPU temperature, system temperature, voltage, CPU and chassis fan speeds

VGA Interface

- **Chipset**
  ATI Rage Mobility M1
- **Display Memory**
  8MB build in Mobility M1
- **Display Type**
  Supports CRT/LCD display
- **Display Resolution**
  Display up to 1600 x 1200

LAN Interface

- **Chipset**
  Dual Intel 82559 chipset
- **Ethernet Bus**
  10/100 Base-T Ethernet
  Dual RJ-45 connector on board

Audio Interface

- **Chipset**
  Built-in VIA VT82C686B

SCSI interface(option)

- **Ultra-160 SCSI board**
  Add on daughter board,
  Up to 160Mbyte/sec data transfer rate Support up to 15 devices

Physical/Environmental Specifications

- **Dimensions (L x W)**
  338mm x 122mm
  (13.3" x 4.8")
- **Operating Temperature**
  $0°C ~ 60°C$
  ($32°F ~ 140°F$)
- **Storage Temperature**
  $-20°C ~ +85°C$
  ($-4°F ~ 185°F$)
- **Relative Humidity**
  5%~85%, Non-condensing
- **EMI**
  CE Class A compliant
  FCC Class A approved
- **MTBF**
  50,000 hrs

Note: *Specifications are subject to change without notice.*