MSC-3675A

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

Specifications

Standard SBC Functions

- **Processor**
  Intel Celeron (Socket 370) or
  Pentium !!! (FC-PGA 370 pin)
- **CPU Speed**
  Up to 700MHz
- **BUS Clock Rate**
  66/100MHz
- **Chipset**
  Intel 440BX AGP chipset
- **BIOS**
  Award PnP flash BIOS
- **Cache**
  Integrated in CPU
- **Main Memory**
  Three 168-pin DIMM sockets,
  Supports ECC/Parity checking
- **IDE Interface**
  PIO Mode 4, DMA Mode 2
  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,
  2MB to 144MB storage capacity
- **Keyboard/Mouse Connectors**
  PS/2 connector and 5-pin shrouded
  external keyboard connector
  PS/2 6-pin mouse connector

- **Watchdog Timer**
  16-level
- **USB**
  Two USB ports
- **IrDA**
  One IrDA connector
- **Power Management**
  Supports PC97/98 ACPI
- **Power connector**
  20-pin header for ATX power
- **Power Supply Voltage**
  +5V (4.75~5.25V)
  +12V (11.4~12.6V)
- **Other Features**
  Switching voltage regulator
  Supports AGP 2X
  Modem ring-on function

Hardware Monitoring
- **Chipset**
  NS LM79 chipset
- **Monitoring**
  CPU temperature, system
  temperature, voltage, CPU
  and chassis fan speeds

VGA Interface
- **Chipset**
  C&T 69000 VGA chipset
- **Display Memory**
  2MB embedded
- **Display Type**
  Supports CRT/LCD (DSTN/TFT)

- **Display Resolution**
  Supports non-interlace
  CRT and LCD
  Displays up to 1024 x 768
  (16bit Hi-color) with 2MB memory

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

ISA Buffer
- **ISA Buffer for enhancement of**
  ISA extension

Physical/Environmental Specifications
- **Dimensions (L x W)**
  338mm x 122mm
  (13.3" x 4.8")
- **Operating Temperature**
  $0\ ^{\circ}C$~ $60\ ^{\circ}C$
  ($32\ ^{\circ}F$~ $140\ ^{\circ}F$)
- **Storage Temperature**
  $-20^{\circ}C$ ~ $+85\ ^{\circ}C$
  ($-4^{\circ}F$ ~ $185\ ^{\circ}F$)
- **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.*

ISO-14001 ISO-9001 CE