

MSC-3680A

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

Specifications

Standard SBC Functions

- **Processor**
Intel Pentium III & Celeron
(Socket 370)
- **CPU Speed**
300 - 700MHz
- **BUS Clock Rate**
66 / 100 MHz
- **Chipset**
VIA VT8601/VT82C686A chipset
- **BIOS**
Award PnP flash BIOS
- **Cache**
Integrated in CPU
- **Main Memory**
Three 168-pin DIMM sockets,
up to 768MB SDRAM.
- **IDE Interface**
Two bus mastering EIDE mode 4,
up to 4 devices
Supports Ultra DMA-33/66
- **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
- **Disk On Chip**
M-system Disk On Chip flash
disk with 2MB to 144MB storage
capacity
- **Keyboard/
Mouse Connectors**
PS/2 type connector
PS/2 keyboard with 5-pin
external connector
- **USB**
Two USB headers
- **IrDA**
One IrDA header
- **Power Management**
Supports PC97/98 ACPI
- **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
Weak on LAN function
- **Hardware Monitoring**
- **Monitoring**
CPU temperature, system
temperature, voltage, CPU
and chassis fan speeds
- **VGA Interface**
- **Embedded in VT8601**
- **Display Memory**
2-8 MB shared with system
memory
- **Display Type**
Supports CRT display
- **Display Resolution**
Display up to 1600 x 1200
- **LAN Interface**
- **Chipset**
Realtek RTL8139B chipset
- **Ethernet Bus**
10/100 Base-T Ethernet
One RJ-45 connector
- **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.



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