



## Features

- Full size PICMG SBC, with VGA, LAN.
- Support socket 370, Intel Pentium III up to 1 GHz.
- VIA 8601A + VIA 686B Chipset.
- Three DIMM sockets, support SDRAM memory module up to 768MB.
- VIA 8601A integrated AGP4x graphic core, shared system memory up to 8MB
- Realtek RTL8139C supports one 10/100 Base-T Ethernet.

## System

CPU	Socket 370 Intel PIII up to 1GHz and Celeron 766MHz or above
Front Side Bus	66/100/133 MHz
Chipset	VIA 8601A + VIA 82C686B
Memory	3 x 168pin DIMM sockets Up to 768 MB ECC/Parity SDRAM memory
BIOS	Award
Audio	Support Mic-in, Line-in, Line-out
SSD	M-system Disk On Chip FlashDisk 16-576 MB
Power	+5V (4.75~5.25V) / +12V (11.4~12.6V)
Requirements	
Temperature	0℃~ 60℃(32℉~ 140℉)
Humidity	5%-95%, non-condensing
Dimension	13.3" x 4.8"(338mm x 122mm)
Certification	CE Class A compliant and FCC Class A approved

## I/O

IDE	Ultra DMA33/66/100 Two bus mastering EIDE mode 4 up to four devices
FDD	Up to two floppy disk drives
Serial Port	One RS-232 and one RS-232/422/485 ports
Parallel Port	One SPP/EPP/ECP Parallel port
USB Port	Two USB ports, USB 1.1 compliant
K/B & Mouse	One mouse and one keyboard connector
IrDA	One IrDA header, support FIR interface

## Display

Controller	Inside VIA 8601A
VGA Memory	2-8MB shared system memory
Interface	Support CRT interface

## Ordering Information

MSC-3680B	PIII Socket 370 Full-size SBC, with VGA, LAN
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## Ethernet

Controller	Realtek RTL8139C
Connector	One RJ-45 IEEE802.3u 10/100 Base-T
Other Function	Wake-On-LAN