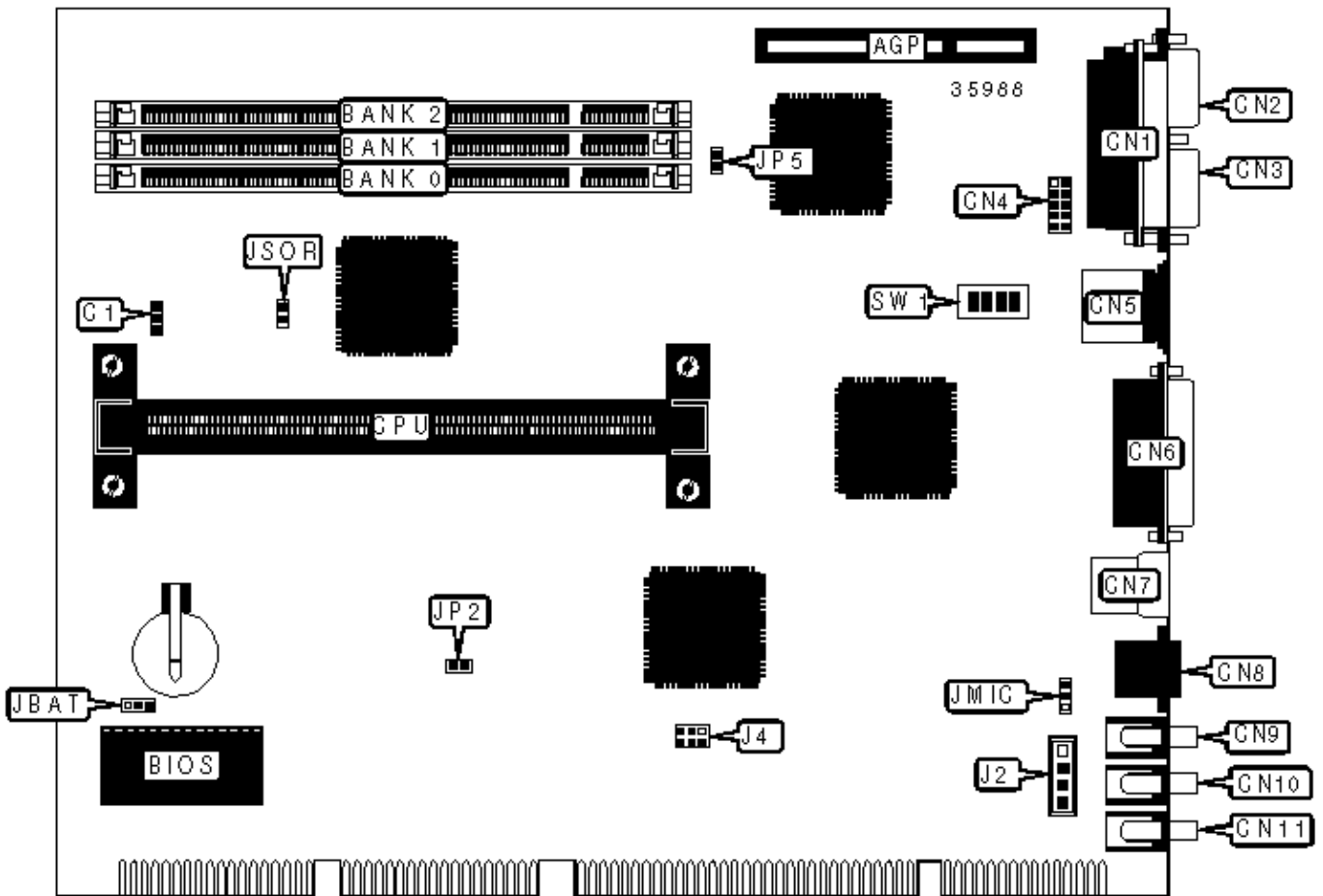


MICRO-STAR INTERNATIONAL CO., LTD.

MS-6121 (VIDEO)

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	USB connector	CN7
CPU fan power	C1	Ethernet 10BaseT connector	CN8
Parallel port	CN1	Microphone in	CN9
VGA port	CN2	Line in	CN10
Serial port 1	CN3	Line out	CN11
Serial port 2	CN4	Audio in – CD-ROM	J2
PS/2 mouse port	CN5	SB-link connector	J4
Game/MIDI port	CN6	Temperature sensor	JSOR

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	JBAT	Pins 1 & 2 closed
CMOS memory clear	JBAT	Pins 2 & 3 closed
MIC terminal select 3	JMIC	Pins 1 & 2 closed
MIC terminal select 2	JMIC	Pins 2 & 3 closed
Power on mode select boot up by switch	JP2	Closed
Power on mode select immediate boot up	JP2	Open
» On board video enabled	JP5	Closed
On board video disabled	JP5	Open

## DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None

16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
164MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64

272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board accepts SDRAM memory.			

### CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

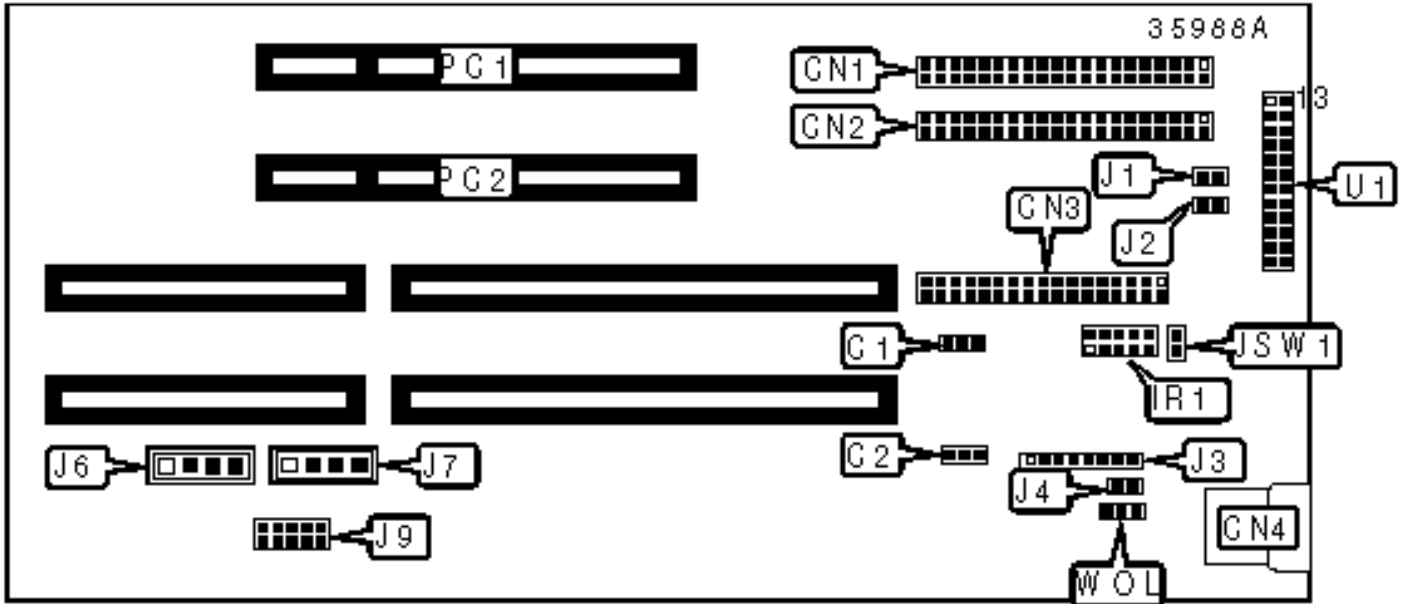
### VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
200MHz	66MHz	3x	On	On	Off	On
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4x	On	On	On	Off
300MHz	66MHz	4.5x	On	Off	On	Off
333MHz	66MHz	5x	On	On	Off	Off

350MHz	100MHz	3.5x	On	Off	Off	On
400MHz	100MHz	4x	On	On	On	Off
450MHz	100MHz	4.5x	On	Off	On	Off



RISER CARD

### CONNECTIONS

Purpose	Location	Purpose	Location
System fan power	C1	Audio in – CD-ROM	J6
Chassis fan power	C2	Audio in – CD-ROM	J7
IDE interface 1	CN1	Soft off power supply	JSW1
IDE interface 2	CN2	32-bit PCI slots	PC1 – PC2
Floppy drive interface	CN3	Power LED & keylock	U1/pins 1 – 5
USB connector	CN4	Speaker	U1/pins 7 - 10
IR connector	IR1	IDE interface LED	U1/pins 12 & 24
Green PC LED	J1	Turbo LED	U1/pins 14 & 15
Green PC connector	J2	Green PC connector	U1/pins 17 & 18
Wake on modem connector	J3	Reset switch	U1/pins 21 & 22

Chassis intrusion connector	J4	Wake on LAN connector	WOL
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Note: The ATX power connector is located on the backside of the riser card.

**USER CONFIGURABLE SETTINGS**

Function		Label	Position
»	Factory configured - do not alter	J9	Unidentified