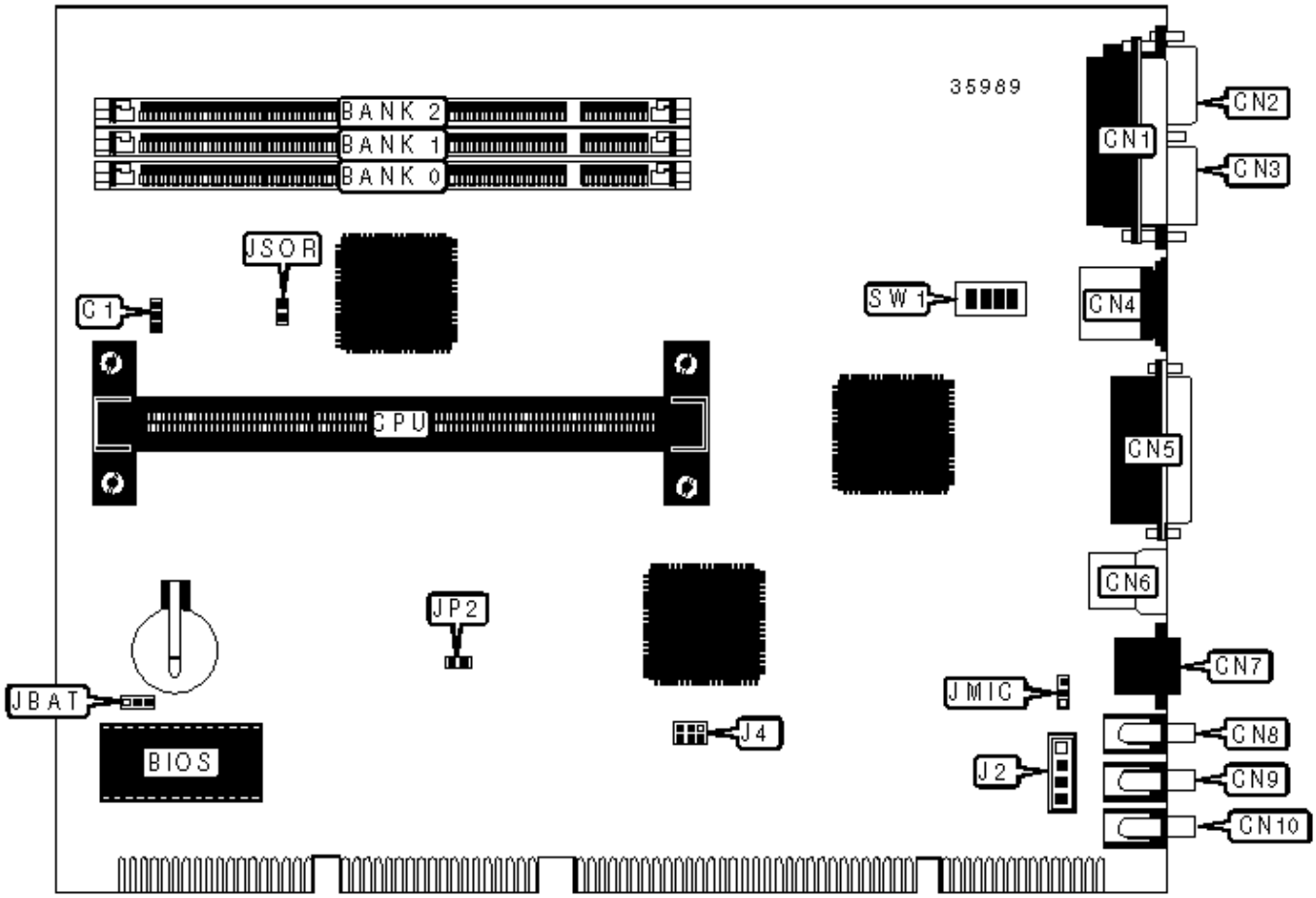
MICRO-STAR INTERNATIONAL CO., LTD.

MS-6121

Configuration



CONNECTIONS

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

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
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

DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
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

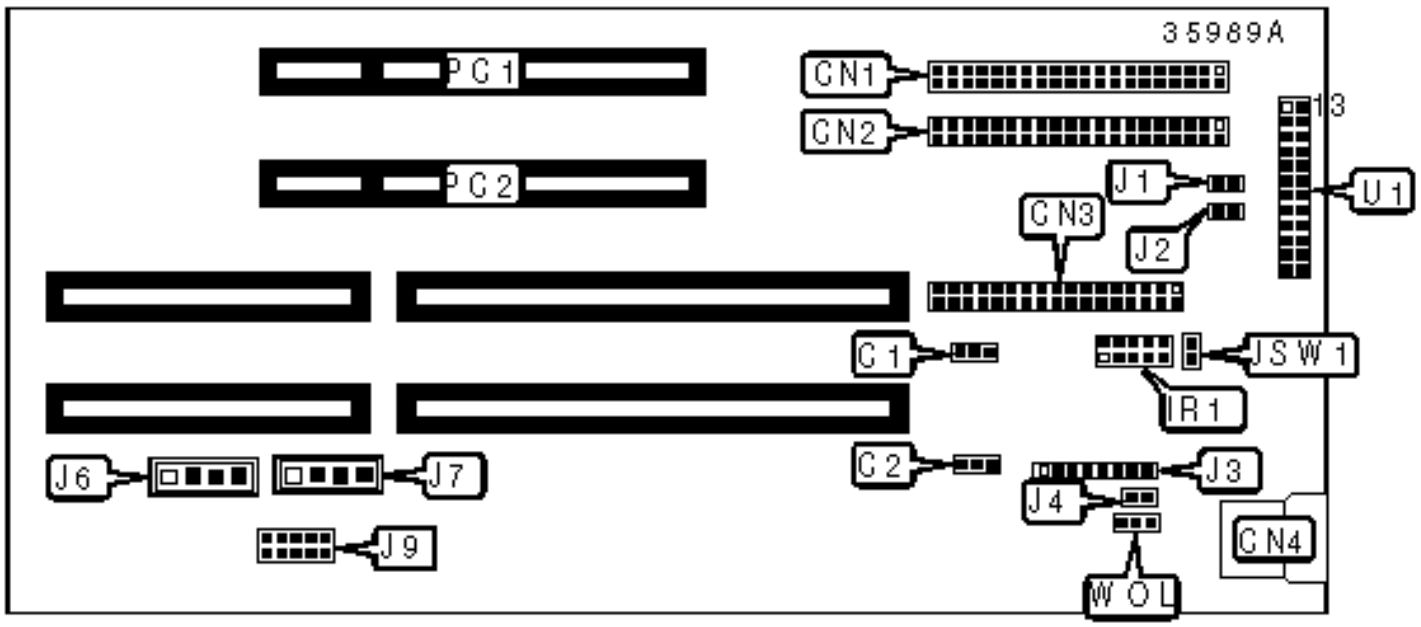
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 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.

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
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