MICRO-STAR INTERNATIONAL CO., LTD.
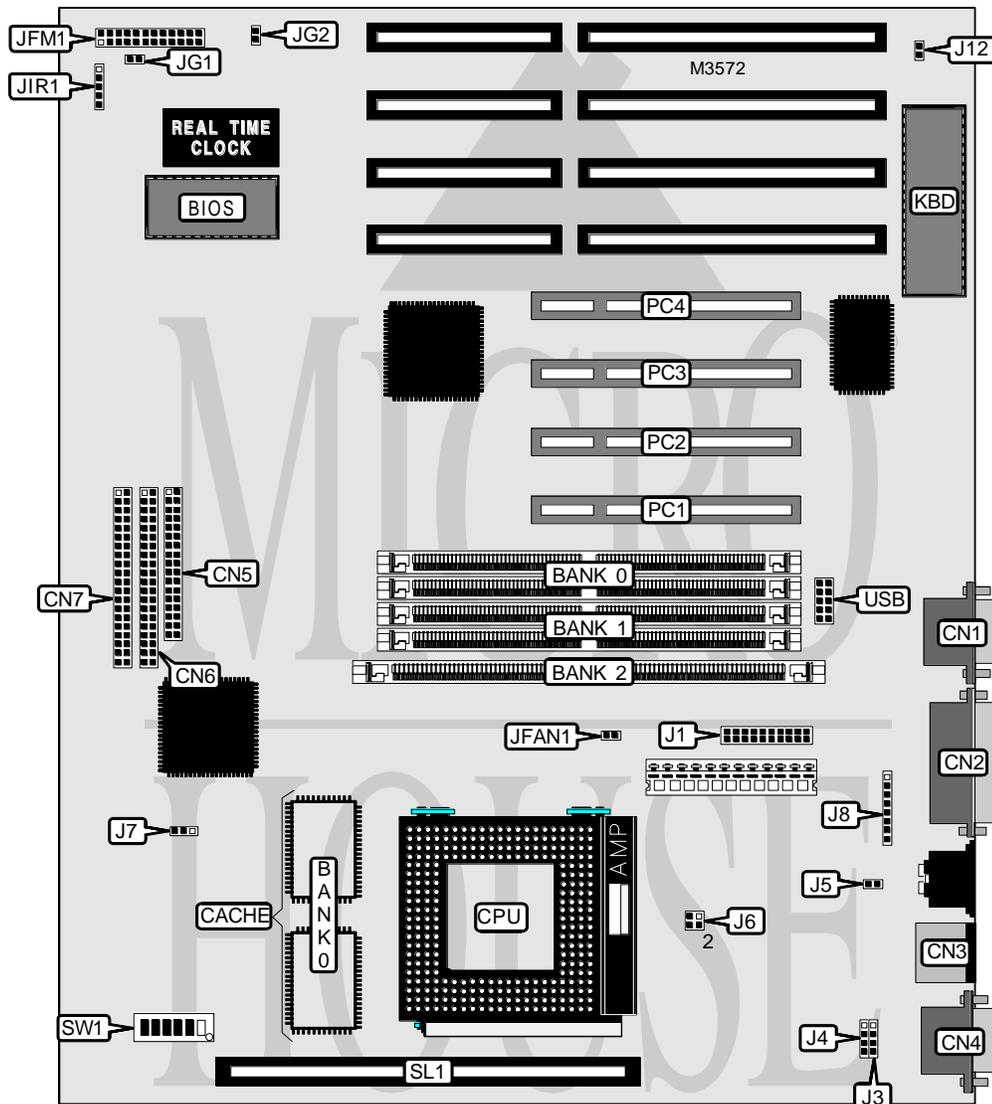# M S - 5 1 3 6

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI/Award
Dimensions	305mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connector, USB connector
NPU Options	None

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 2	CN1	Chassis fan power	JFAN1
Parallel port	CN2	Front panel connector	JFM1
PS/2 mouse port	CN3	Green PC LED	JG1
Serial port 1	CN4	Green PC connector	JG2
Floppy drive interface	CN5	IR connector	JIR1
IDE interface 2	CN6	32-bit PCI slots	PC1 - PC4
IDE interface 1	CN7	Cache slot	SL1
ATX power connector	J1	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	J7	1 & 2
í Factory configured - do not alter	J8	1 & 2, 3 & 4, 5 & 6, 7 & 8
í Factory configured - do not alter	J12	Closed

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36
Note: Bank 2 accepts DIMM modules. The sizes are unidentified.		

CACHE CONFIGURATION		
Size	**Bank 0**	**SL1**
256KB	(2) 32K x 32	Not installed
512KB	(2) 32K x 32	256KB module installed

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CPU SPEED SELECTION (CYRIX)						
Speed	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
120MHz	Off	Off	On	Off	On	Off
133MHz	Off	On	On	On	On	Off
150MHz	Off	On	Off	Off	On	Off
166MHz	Off	Off	Off	Off	On	Off

CPU SPEED SELECTION (AMD)						
Speed	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
75MHz	Off	Off	On	Off	Off	Off
90MHz	Off	On	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL)						
Speed	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**	**SW1/5**	**SW1/6**
75MHz	Off	Off	On	Off	Off	Off
90MHz	Off	On	Off	Off	Off	Off
100MHz	Off	Off	Off	Off	Off	Off
120MHz	Off	On	Off	Off	On	Off
133MHz	Off	Off	Off	Off	On	Off
150MHz	Off	On	Off	Off	On	On
166MHz	Off	Off	Off	Off	On	On
200MHz	Off	Off	Off	Off	Off	On

CPU VOLTAGE SELECTION					
V core	**V IO**	**J3**	**J4**	**J5**	**J6**
2.8v	3.3v	3 & 4	3 & 4	Open	Open
3.38v	3.38v	Open	1 & 2	Closed	1 & 2, 3 & 4
3.52v	3.52v	1 & 2	1 & 2	Closed	1 & 2, 3 & 4
Note: Pins designated should be in the closed position.					