ADVANCED INTEGRATION RESEARCH, INC.
54CSH REV. 1.01

Processor	Pentium
Processor Speed	75/90/100MHz
Chip Set	SIS
Max. Onboard DRAM	128MB
Cache	256/512/1024KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4)
NPU Options	None
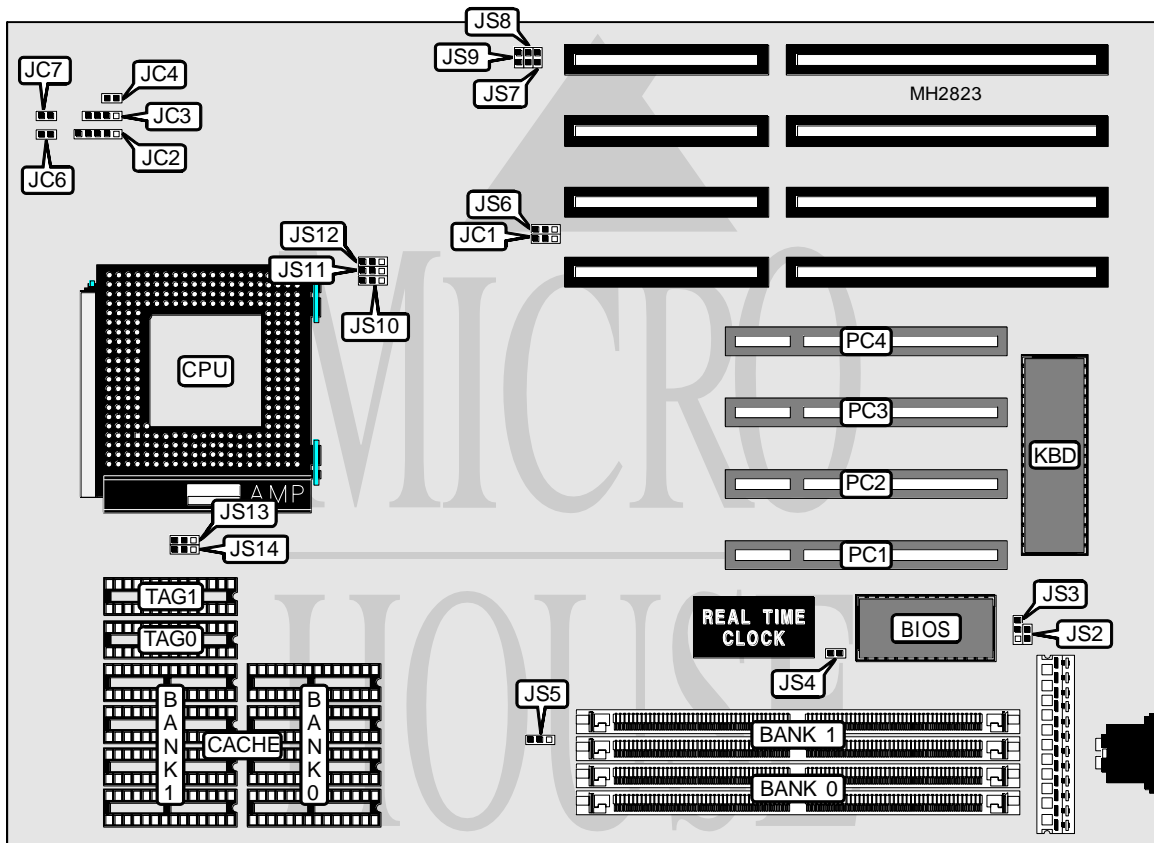
CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	JC2	Turbo switch	JC6
Speaker	JC3	Turbo LED	JC7
Reset switch	JC4	32-bit PCI slots	PC1 - PC4

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JC1	N/A
í Monitor type select monochrome/EGA/VGA	JS2	Open
Monitor type select CGA	JS2	Closed
í Flash BIOS write protect enabled	JS3	pins 1 & 2 closed
Flash BIOS write protect disabled	JS3	pins 2 & 3 closed
í CMOS memory normal operation	JS4	Open
CMOS memory clear	JS4	Closed
í Factory configured - do not alter	JS6	N/A
í Factory configured - do not alter	JS10	pins 2 & 3 closed
í Factory configured - do not alter	JS11	pins 1 & 2 closed
í Factory configured - do not alter	JS12	pins 1 & 2 closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
4MB	(2) 512K x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 1M x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
20MB	(2) 512K x 36	(2) 2M x 36
32MB	(2) 2M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
80MB	(2) 2M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE

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DRAM JUMPER CONFIGURATION	
Size	JS5
2MB	pins 2 & 3 closed
4MB	pins 1 & 2 closed
4MB	pins 2 & 3 closed
8MB	pins 2 & 3 closed
8MB	pins 2 & 3 closed
12MB	pins 2 & 3 closed
16MB	pins 1 & 2 closed
16MB	pins 2 & 3 closed
20MB	pins 2 & 3 closed
32MB	pins 2 & 3 closed
32MB	pins 2 & 3 closed
36MB	pins 2 & 3 closed
40MB	pins 1 & 2 closed
48MB	pins 2 & 3 closed
64MB	pins 1 & 2 closed
64MB	pins 2 & 3 closed
80MB	pins 2 & 3 closed
128MB	pins 2 & 3 closed
128MB	pins 2 & 3 closed

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG 0	TAG 1
256KB	(4) 32K x 8	(4) 32K x 8	(1) 8K x 8	(1) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(1) 16K x 8	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	JS13	JS14
256KB	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 1 & 2 closed	pins 2 & 3 closed
1MB	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION			
Speed	JS7	JS8	JS9
75MHz	Closed	Open	Open
90MHz	Open	Closed	Open
100MHz	Open	Closed	Closed