MICRONICS COMPUTERS, INC.
EISA-3 SYSTEM BOARD

Processor	80486SX/80486DX/ODP486SX/80486DX2
Processor Speed	25/33/50(internal)/50/66(internal)MHz
Chip Set	Micronics
Max. Onboard DRAM	64MB
Cache	64/128/256/512KB
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	None
NPU Options	None
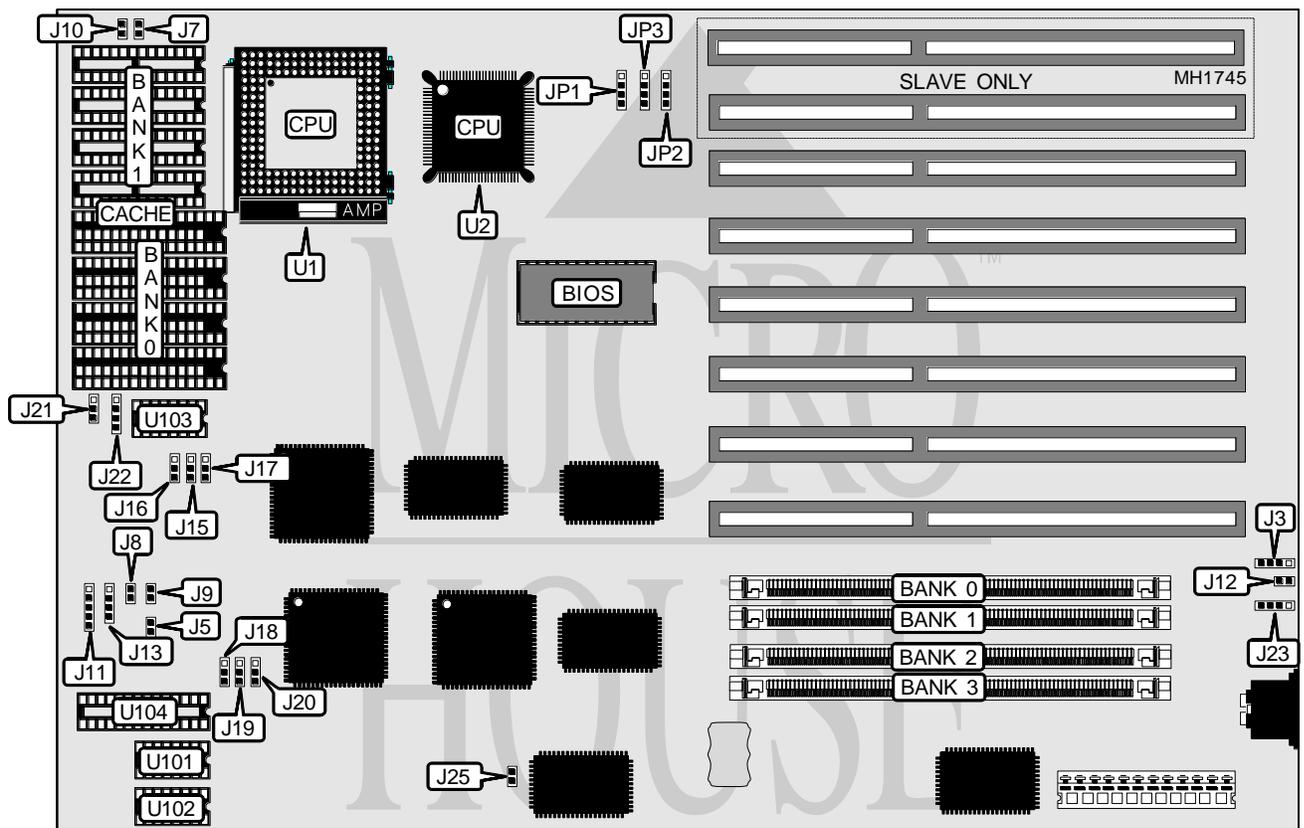
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J3	Power LED & keylock	J11
Turbo LED	J5	Speaker	J13
Turbo switch	J8	External keyboard connector	J23
Reset switch	J9		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	J12	Closed
Monitor type select monochrome	J12	Open
í Factory configured - do not alter	J25	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	NONE	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION						
Size	Bank 0	Bank 1	TAG/U101	TAG/U102	TAG/U103	TAG/U104
64KB	(4) 8K x 8	(4) 8K x 8	NONE	NONE	(1) 64K x 1	(1) 32K x 8
128KB	(4) 32K x 8	NONE	NONE	NONE	(1) 64K x 1	(1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K x 4	(1) 16K x 4	(1) 64K x 1	NONE
512KB	(4) 128K x 8	NONE	NONE	NONE	(1) 64K x 1	(1) 32K x 8

CACHE JUMPER CONFIGURATION								
Size	J15	J16	J17	J18	J19	J20	J21	J22
64KB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	3 & 4
128KB	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	4 & 5
256KB	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
512KB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2	4 & 5
Note: Pins designated should be in the closed position.								

CPU SPEED CONFIGURATION		
Speed	J7	J10
25MHz	Closed	Closed
33MHz	Open	Closed
50i MHz	Closed	Closed
50MHz	Open	Open
66i MHz	Open	Closed

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CPU TYPE CONFIGURATION				
U1	U2	JP1	JP2	JP3
80486SX	NONE	pins 1 & 2 closed	pins 3 & 4 closed	pins 2 & 3 closed
NONE	80486SX	pins 1 & 2 closed	pins 3 & 4 closed	pins 2 & 3 closed
NONE	80486DX	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
NONE	80486DX2	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
80486SX	80487SX	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
80486SX	80486DX	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
80486SX	80486DX2	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
80486SX	ODP486SX	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed