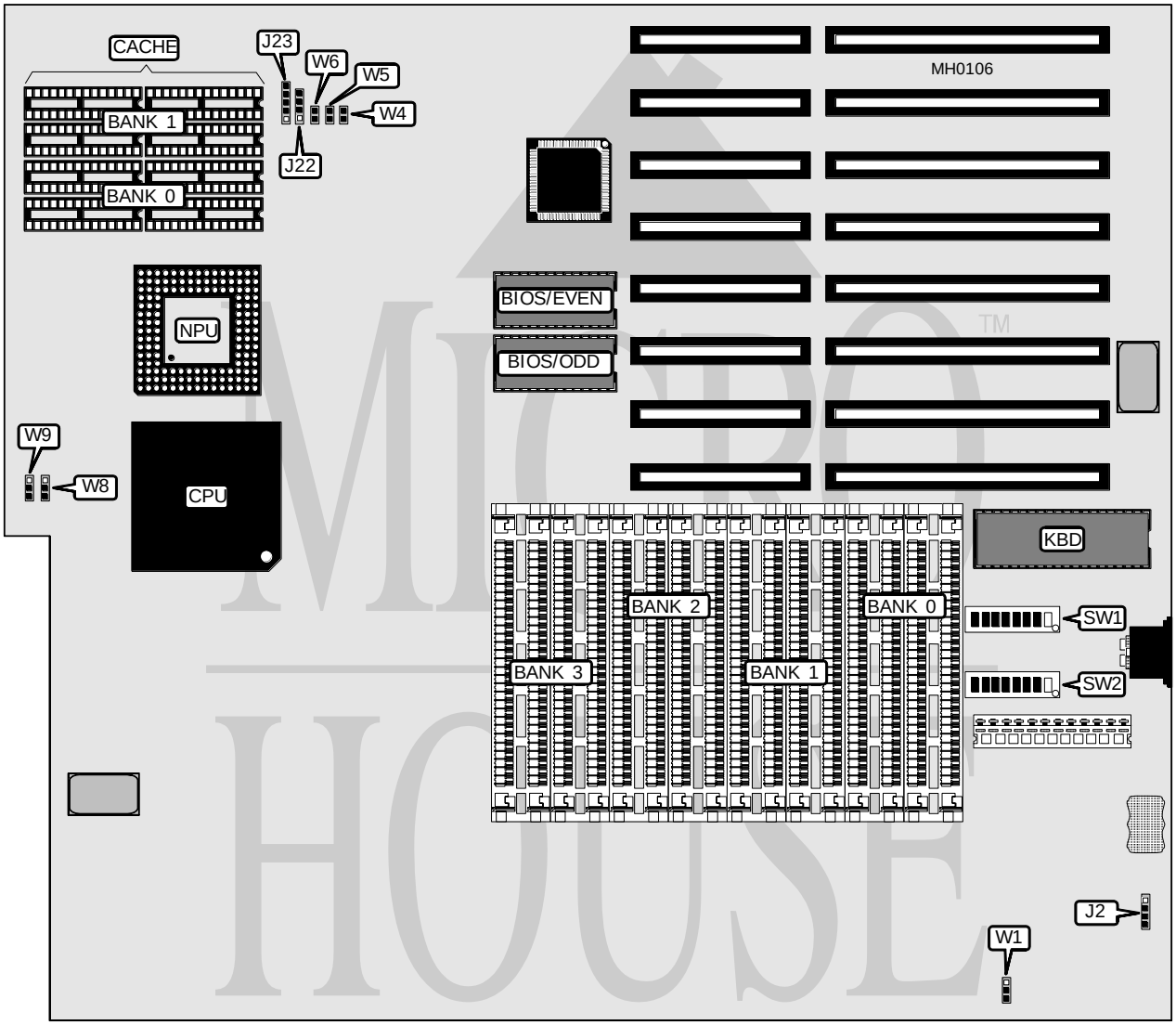
MICRONICS COMPUTERS, INC.
80486-25 ISA

Processor	80486DX
Processor Speed	25MHz
Chip Set	Micronics
Max. Onboard DRAM	16MB
Cache	64/128/256KB
BIOS	Phoenix
Dimensions	350mm x 304mm
I/O Options	None
NPU Options	4167



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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J2	Reset switch	W4
Speaker	J22	Turbo LED	W5
Power LED & keylock	J23	Turbo switch	W6

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Internal cache enabled	SW1/1	On
Internal cache disabled	SW1/1	Off
í BIOS select onboard	SW1/2	Off
BIOS select external	SW1/2	On
í Factory configured - do not alter	SW1/3	On
í Secondary cache enabled	SW1/4	On
Secondary cache disabled	SW1/4	Off
í Video BIOS shadowing disabled	SW1/5	Off
Video BIOS shadowing enabled	SW1/5	On
í Factory configured - do not alter	SW1/6	Off
í Monitor type select color	SW1/7	On
Monitor type select monochrome	SW1/7	Off
í Factory configured - do not alter	SW1/8	Off
í Factory configured - do not alter	SW2/5	Off
í Address range 14MB to 15MB cacheable	SW2/6	Off
Address range 13MB to 15MB Non-cacheable	SW2/6	On
í Factory configured - do not alter	W1	pins 1 & 2 closed
í Factory configured - do not alter	W2	pins 2 & 3 closed
í Video BIOS caching enabled	W3	Open
Video BIOS caching disabled	W3	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
3MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	NONE
4MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE	NONE	NONE
5MB	(4) 256K x 9	(4) 1M x 9	NONE	NONE
6MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	NONE
7MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
9MB	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9	NONE
10MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
13MB	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9

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DRAM SWITCH CONFIGURATION				
Size	SW2/1	SW2/2	SW2/3	SW2/4
1MB	On	On	On	On
2MB	Off	On	On	On
3MB	On	Off	On	On
4MB	Off	Off	On	On
4MB	On	On	Off	On
5MB	On	On	Off	Off
6MB	On	Off	On	Off
7MB	Off	On	On	Off
8MB	Off	On	Off	On
9MB	On	Off	Off	Off
10MB	Off	Off	On	Off
12MB	On	Off	Off	On
13MB	Off	Off	Off	Off
16MB	Off	Off	Off	On

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
64KB	(4) 8K x 8	(4) 8K x 8
128KB	(4) 32K x 8	NONE
256KB	(4) 32K x 8	(4) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	SW2/7	SW2/8	W8	W9
64KB	Off	Off	pins 1 & 2 closed	pins 1 & 2 closed
128KB	On	On	pins 2 & 3 closed	pins 1 & 2 closed
256KB	Off	On	pins 2 & 3 closed	pins 2 & 3 closed

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