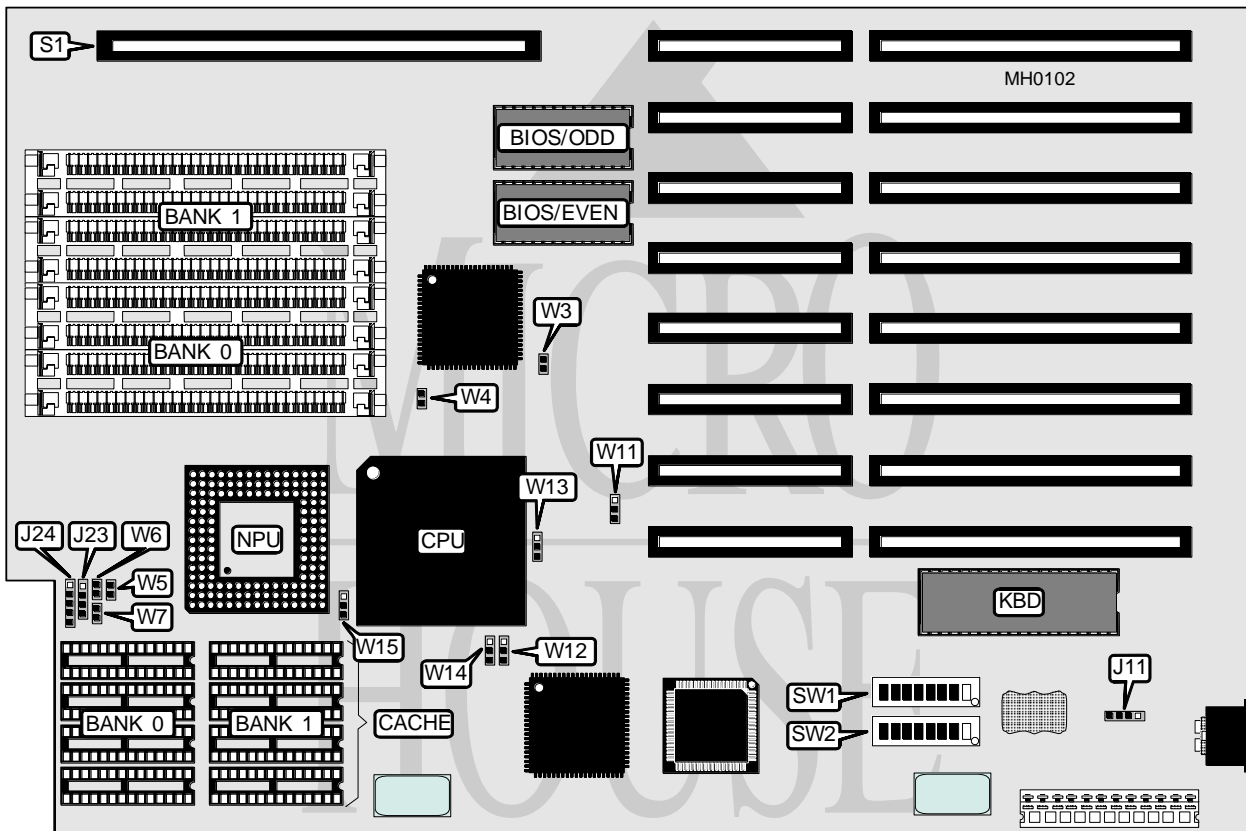


# MICRONICS COMPUTERS, INC.

## BABY GEMINI-486

<b>Processor</b>	80486DX
<b>Processor Speed</b>	50MHz
<b>Chip Set</b>	Micronics
<b>Max. Onboard DRAM</b>	32MB
<b>Cache</b>	64/128/256KB
<b>BIOS</b>	Phoenix
<b>Dimensions</b>	331mm x 218mm
<b>I/O Options</b>	32-bit external memory card slot
<b>NPU Options</b>	4167



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J11	Turbo LED	W5
Speaker	J23	Reset switch	W6
Power LED & keylock	J24	Turbo switch	W7
32-bit external memory card	S1		

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## BABY GEMINI-486

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Factory configured - do not alter	SW1/1	On
í Factory configured - do not alter	SW1/2	Off
í Factory configured - do not alter	SW1/3	Off
í Factory configured - do not alter	SW1/4	On
í Factory configured - do not alter	SW1/5	Off
í Factory configured - do not alter	SW1/6	Off
í Factory configured - do not alter	SW1/7	Off
í Factory configured - do not alter	SW1/8	Off
í Factory configured - do not alter	SW2/6	On
í Factory configured - do not alter	W11	pins 2 & 3 closed
í Factory configured - do not alter	W12	Closed
í Factory configured - do not alter	W13	pins 2 & 3 closed
í Factory configured - do not alter	W14	pins 2 & 3 closed
í Cache interleave select 64KB	W15	pins 2 & 3 closed
Cache interleave select 256KB	W15	pins 1 & 2 closed

Note: Cache can not be interleaved at 128KB. When using 128KB cache, W15 setting is irrelevant.

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
16MB	(4) 4M x 9	NONE	NONE	NONE
20MB	(4) 1M x 9	(4) 4M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
28MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
52MB	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9

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**BABY GEMINI-486**

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DRAM SWITCH CONFIGURATION					
Size	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
1MB	On	On	On	On	On
2MB	Off	On	On	On	On
3MB	On	Off	On	On	On
4MB	Off	Off	On	On	On
4MB	On	On	Off	On	On
5MB	On	On	Off	Off	On
6MB	On	Off	On	Off	On
7MB	Off	On	On	Off	On
8MB	Off	On	Off	On	On
9MB	On	Off	Off	Off	On
10MB	Off	Off	On	Off	On
12MB	On	Off	Off	On	On
13MB	Off	Off	Off	Off	On
16MB	Off	Off	Off	On	On
16MB	On	On	Off	On	Off
20MB	On	On	Off	Off	Off
24MB	On	Off	On	Off	Off
28MB	Off	On	On	Off	Off
32MB	Off	On	Off	On	Off
36MB	On	Off	Off	Off	Off
40MB	Off	Off	On	Off	Off
48MB	On	Off	Off	On	Off
52MB	Off	Off	Off	Off	Off
64MB	Off	Off	Off	On	Off

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/SWITCH CONFIGURATION				
Size	SW2/7	SW2/8	W3	W4
64KB	Off	Off	Open	Open
128KB	On	On	Open	Closed
256KB	Off	On	Closed	Closed