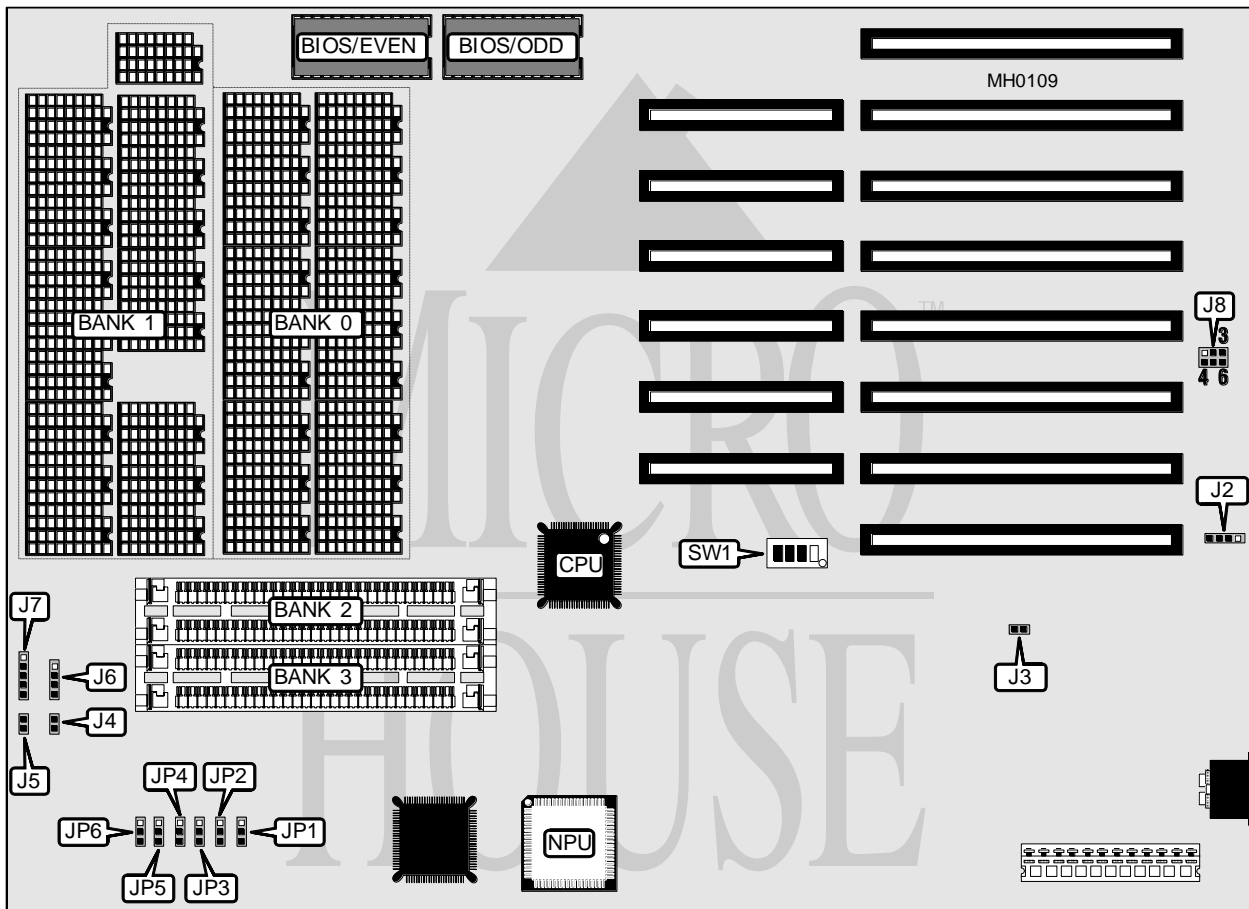


# MICRONICS COMPUTERS, INC.

## 80386SX - 16

<b>Processor</b>	80386SX
<b>Processor Speed</b>	16MHz
<b>Chip Set</b>	Intel
<b>Max. Onboard DRAM</b>	8MB
<b>Cache</b>	None
<b>BIOS</b>	AMI
<b>Dimensions</b>	331mm x 220mm
<b>I/O Options</b>	None
<b>NPU Options</b>	80387SX



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J2	Turbo switch	J5
Reset switch	J3	Speaker	J6
Turbo LED	J4	Power LED & keylock	J7

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## MICRONICS COMPUTERS, INC.

## 80386SX-16

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í CPU speed select forced high	J5	Closed
CPU speed select switchable at keyboard	J5	Open
í Keyboard BIOS turbo mode output signal select pin 23	J8	pins 1 & 4 closed
Keyboard BIOS turbo mode output signal select pin 30	J8	pins 2 & 5 closed
Keyboard BIOS turbo mode output signal select pin 32	J8	pins 3 & 6 closed
í BIOS type select 27256	SW1/1	Open
BIOS type select 27512	SW1/1	Closed
í Monitor type select monochrome	SW1/2	Open
Monitor type select color	SW1/2	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512KB	(18) 41256	NONE	NONE	NONE
512KB	NONE	NONE	(2) 256K x 9	NONE
1MB	(18) 41256	(18) 41256	NONE	NONE
1MB	NONE	NONE	(2) 256K x 9	(2) 256K x 9
1MB	(18) 41256	NONE	NONE	(2) 256K x 9
1MB	NONE	(18) 41256	(2) 256K x 9	NONE
1.5MB	(18) 41256	(18) 41256	(2) 256K x 9	NONE
1.5MB	(18) 41256	NONE	(2) 256K x 9	(2) 256K x 9
2MB	(18) 41256	(18) 41256	(2) 256K x 9	(2) 256K x 9
2MB	(18) 411000	NONE	NONE	NONE
2MB	NONE	NONE	(2) 1M x 9	NONE
4MB	(18) 411000	(18) 411000	NONE	NONE
4MB	NONE	NONE	(2) 1M x 9	(2) 1M x 9
4MB	(18) 41000	NONE	NONE	(2) 1M x 9
4MB	NONE	(18) 411000	(2) 1M x 9	NONE
6MB	(18) 411000	(18) 411000	(2) 1M x 9	NONE
6MB	(18) 411000	NONE	(2) 1M x 9	(2) 1M x 9
8MB	(18) 411000	(18) 411000	(2) 1M x 9	(2) 1M x 9

DRAM MODE CONFIGURATION					
Mode	DRAM Type	DRAM speed	Max pages active	SW1/3	SW1/4
F1	Fast Page mode	100ns	4	Off	Off
F2	Fast Page mode	100ns	1	On	Off
W01	Non-Page mode	100ns	4	Off	On
W02	Non-Page mode	120ns	4	On	On

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# MICRONICS COMPUTERS, INC.

## 80386SX - 16MHz

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DRAM JUMPER CONFIGURATION						
Size	JP1	JP2	JP3	JP4	JP5	JP6
512KB	N/A	N/A	N/A	N/A	N/A	N/A
512KB	N/A	N/A	N/A	1 & 2	1 & 2	1 & 2
1MB	N/A	N/A	N/A	N/A	N/A	N/A
1MB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
1MB	1 & 2	1 & 2	1 & 2	N/A	N/A	N/A
1MB	N/A	N/A	N/A	1 & 2	1 & 2	1 & 2
1.5MB	N/A	N/A	N/A	1 & 2	2 & 3	2 & 3
1.5MB	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
2MB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
2MB	N/A	N/A	N/A	N/A	N/A	N/A
2MB	N/A	N/A	N/A	1 & 2	1 & 2	1 & 2
4MB	N/A	N/A	N/A	N/A	N/A	N/A
4MB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
4MB	1 & 2	1 & 2	1 & 2	N/A	N/A	N/A
4MB	N/A	N/A	N/A	1 & 2	1 & 2	1 & 2
6MB	N/A	N/A	N/A	2 & 3	2 & 3	2 & 3
6MB	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
8MB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.