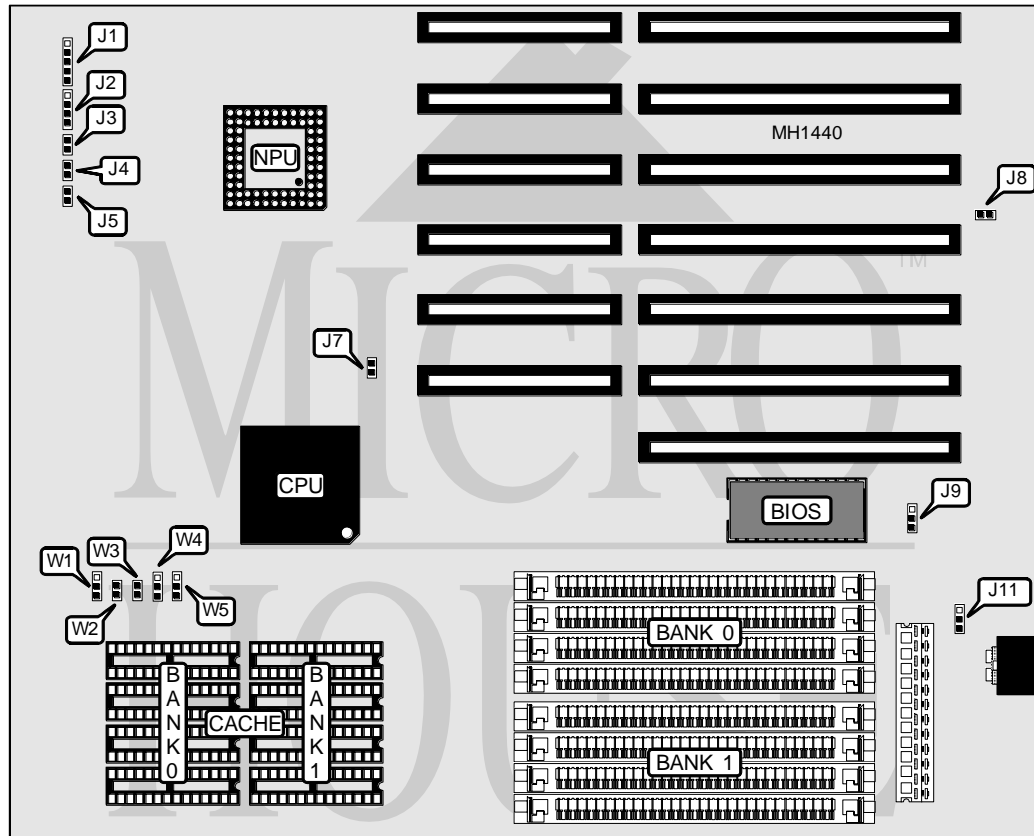


# MAGITRONICS

## 386-40UM

<b>Processor</b>	80386DX
<b>Processor Speed</b>	33/40MHz
<b>Chip Set</b>	UMC
<b>Max. Onboard DRAM</b>	32MB
<b>SRAM Cache</b>	64/128/256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	260mm x 220mm
<b>I/O Options</b>	None
<b>NPU Options</b>	80387DX/3167



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J1	Turbo switch	J4
Speaker	J2	Turbo LED	J5
Reset switch	J3	External battery	J11

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# MAGITRONICS

## 386-40UM

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í NPU enabled	J7	Closed
NPU disabled	J7	Open
í Monitor type select color	J8	Closed
Monitor type select monochrome	J8	Open
í Battery select internal	J9	pins 2 & 3 closed
Battery select external	J9	pins 1 & 2 closed
í CMOS memory normal operation	J11	pins 2 & 3 closed
CMOS memory clear	J11	pins 1 & 2 closed

Note: When selecting an external battery (J9), the external battery must be connected to J11.

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9

SRAM CONFIGURATION			
Size	Cache	Location	TAG
64KB	(8) 8K x 8	Banks 0 & 1	(1) 8K x 8
128KB	(4) 32K x 8	Bank 0	(1) 8K x 8
256KB	(8) 32K x 8	Banks 0 & 1	(1) 32K x 8

SRAM JUMPER CONFIGURATION					
Size	W1	W2	W3	W4	W5
64KB	pins 2 & 3	Open	Open	pins 1 & 2	pins 1 & 2
128KB	pins 1 & 2	Open	Closed	pins 2 & 3	pins 1 & 2
256KB	pins 2 & 3	Closed	Closed	pins 2 & 3	pins 2 & 3

Note: Pins designated should be in the closed position