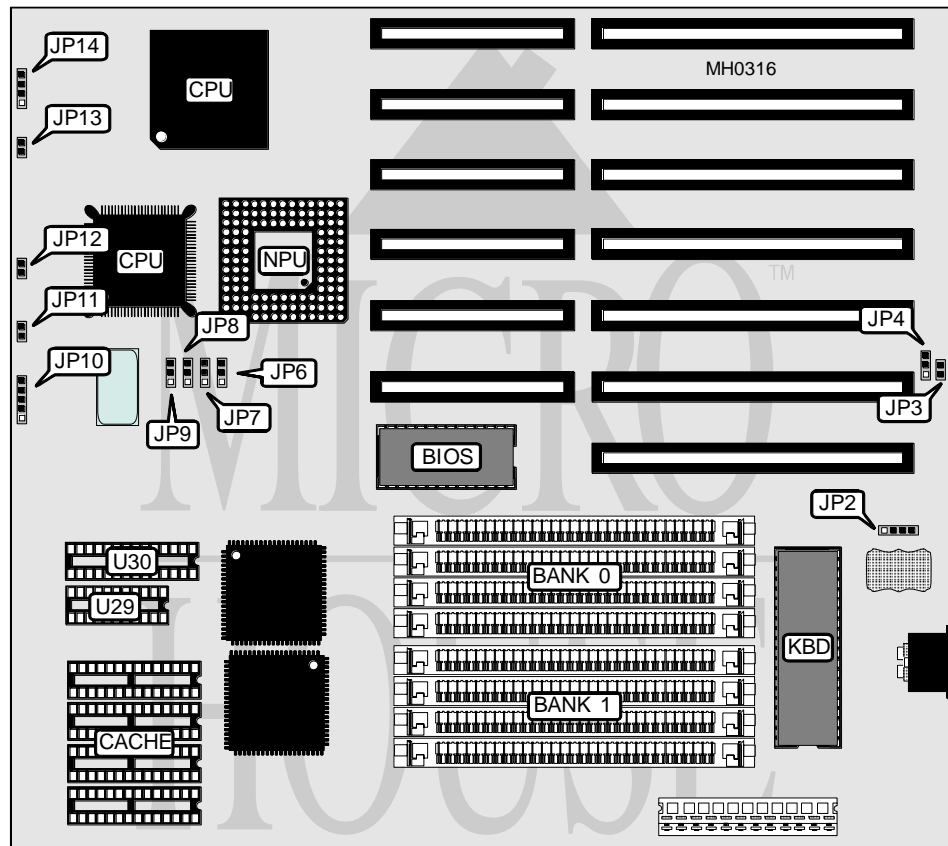


# MORSE TECHNOLOGIES, INC.

## M 3

<b>Processor</b>	80386DX
<b>Processor Speed</b>	25/33/40MHz
<b>Chip Set</b>	Morse
<b>Max. Onboard DRAM</b>	16MB
<b>Cache</b>	32/128KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	220mm x 220mm
<b>I/O Options</b>	None
<b>NPU Options</b>	4167



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	JP2	Turbo LED	JP12
Power LED & keylock	JP10	Reset switch	JP13
Turbo switch	JP11	Speaker	JP14

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M 3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal 3.6VDC	JP3	Closed
Battery type select external 6VDC	JP3	Open
í Monitor type select color	JP4	pins 2 & 3 closed
Monitor type select monochrome	JP4	pins 1 & 2 closed

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
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 4M x 9	(4) 256K x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION			
Size	Bank 0	TAG (U30)	Dirty Bit (U29)
32KB	(4) 8K x 8	(1) 8K x 8	(1) 16K x 4
128KB	(4) 32K x 8	(1) 32K x 8	(1) 16K x 4

Note: Installing a chip at U29 enables write-back memory caching.

CACHE JUMPER CONFIGURATION				
Size	JP6	JP7	JP8	JP9
32KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
128KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed