MAGITRONICS
A-B341 386-40 MAINBOARD

Processor	80386DX
Processor Speed	33/40MHz
Chip Set	OPTI
Max. Onboard DRAM	32MB
Cache	32/64/128/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit external memory card slot
NPU Options	80387/3167
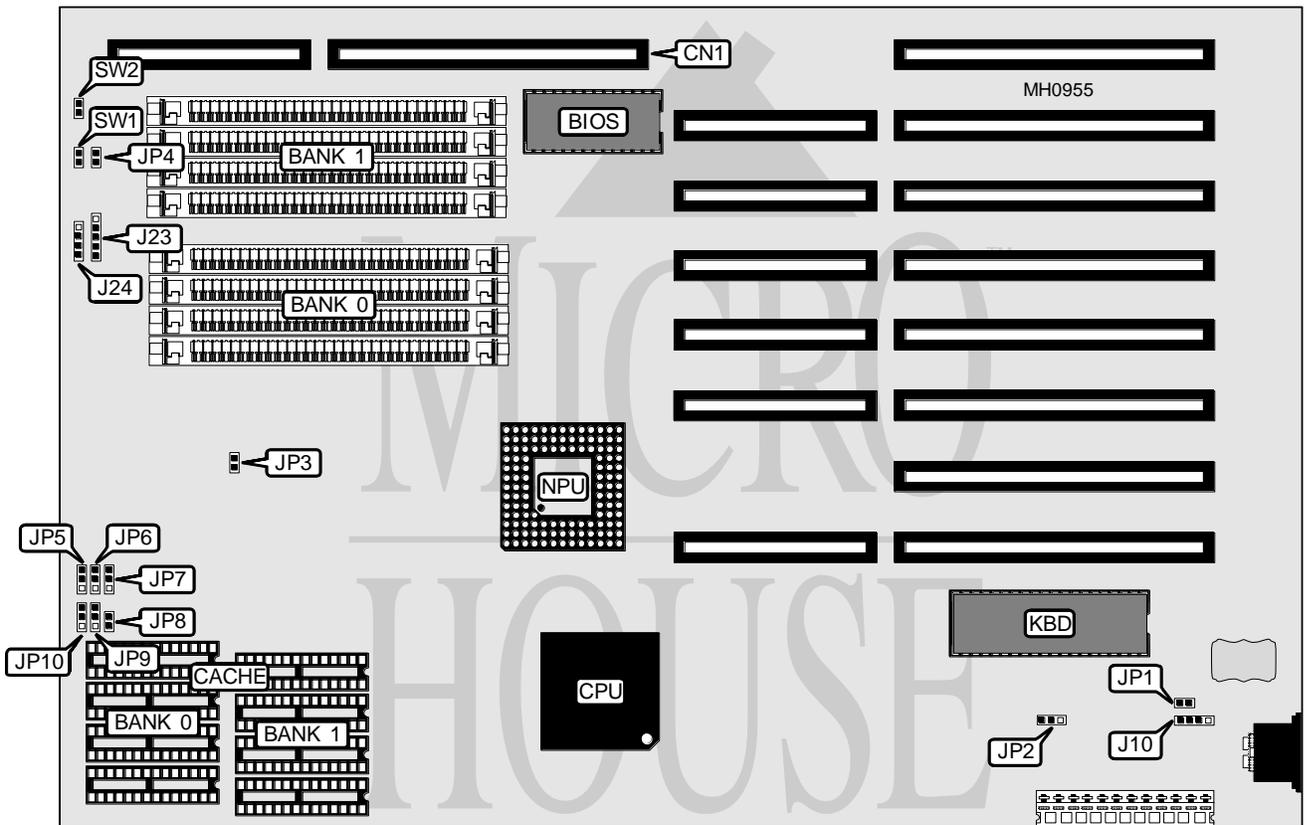
CONNECTIONS			
Purpose	Location	Purpose	Location
32-bit external memory card	CN1	Turbo LED	JP4
External battery	J10	Reset switch	SW1
Power LED & keylock	J23	Turbo switch	SW2
Speaker	J24		

MAGITRONICS
A-B341 386-40 MAINBOARD

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	JP1	Closed
Monitor type select monochrome	JP1	Open
í Battery select internal	JP2	pins 2 & 3 closed
CMOS memory clear	JP2	pins 1 & 2 closed
Battery type select external	JP2	Open
í Bus speed select OSCIN/8	JP3	Closed
Bus speed select OSCIN/6	JP3	Open

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
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
32KB	(4) 8K x 8	NONE
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	JP5	JP6	JP7	JP8	JP9	JP10
32KB	1 & 2	1 & 2	1 & 2	Open	2 & 3	2 & 3
64KB	2 & 3	1 & 2	1 & 2	Open	2 & 3	1 & 2
128KB	2 & 3	1 & 2	2 & 3	Closed	2 & 3	1 & 2
256KB	2 & 3	2 & 3	2 & 3	Closed	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						