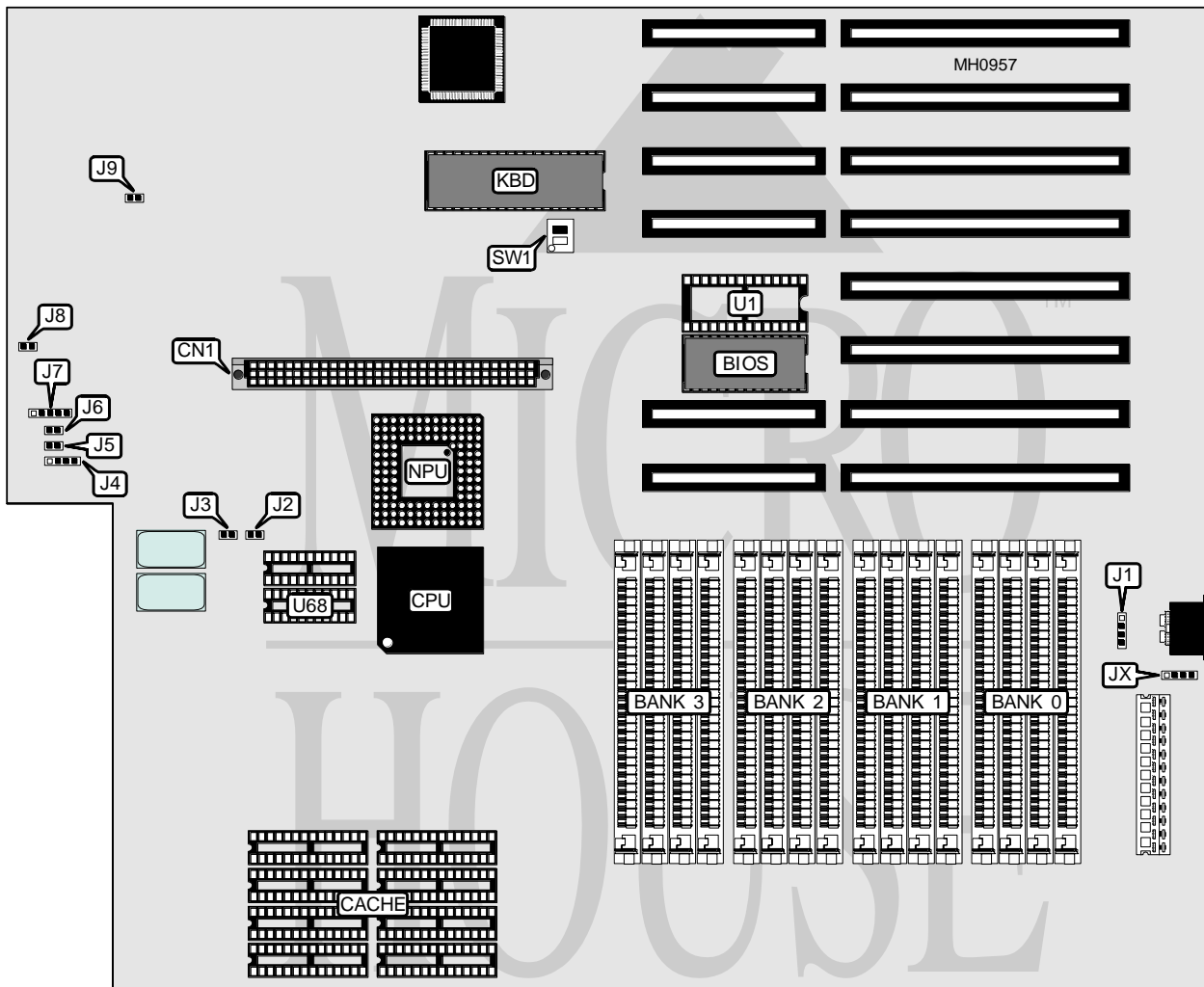


AMERICAN MEGATRENDS, INC. MARK IV AT CONVERTIBLE SCREAMER

Processor	80386DX/80486DX
Processor Speed	25/33/40MHz
Chip Set	C & T
Max. Onboard DRAM	64MB
Cache	64/256KB
BIOS	AMI
Dimensions	355mm x 289mm
I/O Options	32-bit external CPU/NPU card slot
NPU Options	80387/3167/4167 (on 32-bit external CPU/NPU card)



CONNECTIONS			
Purpose	Location	Purpose	Location
32-bit external CPU/NPU card	CN1	Turbo LED	J6
External battery	J1	Power LED & keylock	J7
Speaker	J4	Diagnostic LED	J8
Reset switch	J5	Auxiliary keyboard	JX

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Factory configured - do not alter	J2	Open
í Auxiliary BIOS disabled	J9	Open
Auxiliary BIOS enabled (27512 EPROM installed at U1)	J9	Closed
í Factory configured - do not alter	SW1/1	Off
í Monitor type select monochrome	SW1/2	Off
Monitor type select color	SW1/2	On

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
4MB	(4) 1M x 9	NONE	NONE	NONE
4MB	(4) 1M x 9	NONE	NONE	NONE
6MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	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
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
16MB	(4) 1M 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
18MB	(4) 256K x 9	(4) 256K x 9	(4) 4M x 9	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
34MB	(4) 256K x 9	(4) 256K x 9	(4) 4M x 9	(4) 4M x 9
36MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
40MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
40MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	(4) 1M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9

DRAM JUMPER CONFIGURATION	
Size	J3
1MB	closed
2MB	closed
4MB	closed
4MB	open
6MB	closed
8MB	closed

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DRAM JUMPER CONFIGURATION (CON'T)	
Size	J3
8MB	open
10MB	closed
12MB	closed
12MB	Open
16MB	Closed
16MB	Open
16MB	Open
18MB	Closed
24MB	Closed
24MB	Open
32MB	Open
34MB	Closed
36MB	Open
40MB	Closed
40MB	Open
40MB	Open
48MB	Open
64MB	Open
Note: If jumper J3 is open, then PAL M00B2411 must be installed at U68 (factory default). If jumper J3 is closed, then PAL M01B2411 must be installed at U68.	

CACHE CONFIGURATION	
Size	Bank 0
64KB	(8) 8K x 8
256KB	(8) 32K x 8