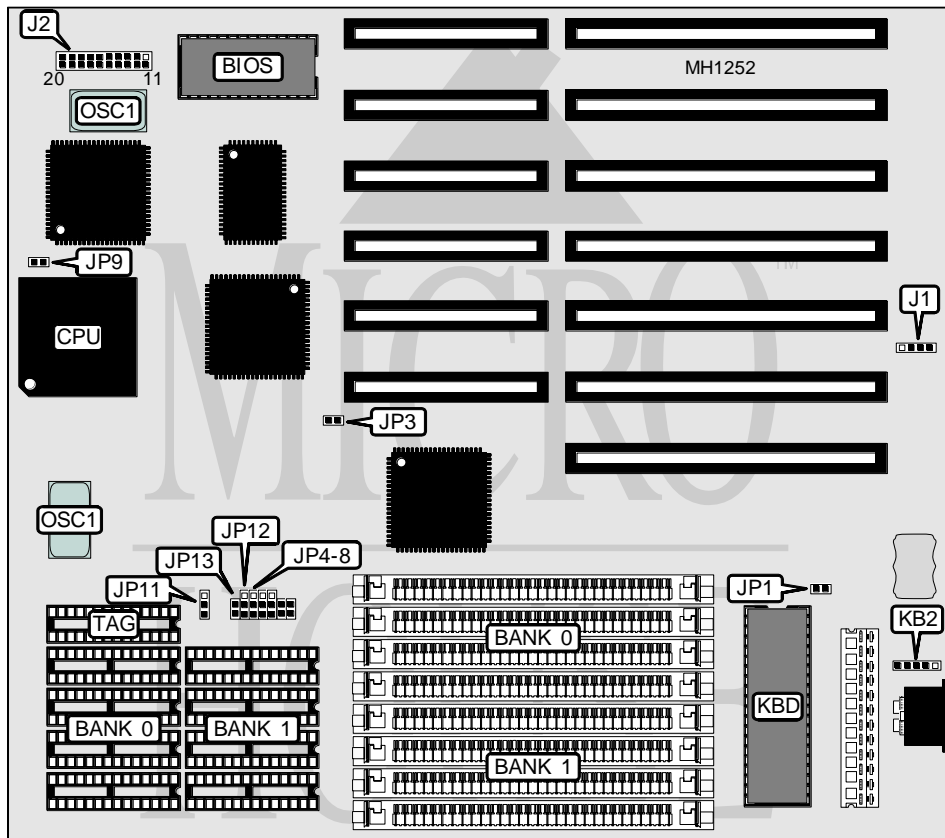


COMPUTREND SYSTEMS, INC.

UMC-386 (MS-3131 VER. 1.1)

Processor 80386DX
Processor Speed 33/40MHz
Chip Set UMC
Max. Onboard DRAM 32MB
SRAM Cache 32/64/128/256KB
BIOS AMI
Dimensions 220mm x 220mm
I/O Options Auxiliary keyboard connector
NPU Options 80387



CONNECTIONS

Purpose	Location	Purpose	Location
External battery	J1	Turbo switch	J2/15 - 17
Power LED & keylock	J2/1 - 5	Turbo LED	J2/12 & 13
Speaker	J2/7 - 10	Auxiliary keyboard	KB2
Reset switch	J2/19 & 20		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome	JP1	open
Monitor type select color	JP1	closed
í NPU disabled	JP3	open
	JP9	open
NPU enabled	JP3	closed
	JP9	closed
í Battery select internal	J1	pins 2 & 3 closed
battery select external	J1	connected

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

CACHE JUMPER CONFIGURATION								
Size	JP4	JP5	JP6	JP7	JP8	JP11	JP12	JP13
32KB	open	open	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3	pins 1 & 2	open
64KB	open	open	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 2 & 3	closed
128KB	closed	open	pins 1 & 2	pins 2 & 3	pins 1 & 2	pins 1 & 2	pins 2 & 3	closed
256KB	closed	closed	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 1 & 2	pins 2 & 3	closed

Note: Pins designated should be in the closed position.

CACHE CONFIGURATION			
Size	Cache SRAM	Location	TAG
32KB	(4) 8K x 8	Bank 0	(1) 8K x 8
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