MICRONICS COMPUTERS, INC.
J X 3 0 G

Processor	80486SX/80486DX/80486DX2/Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	64MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None
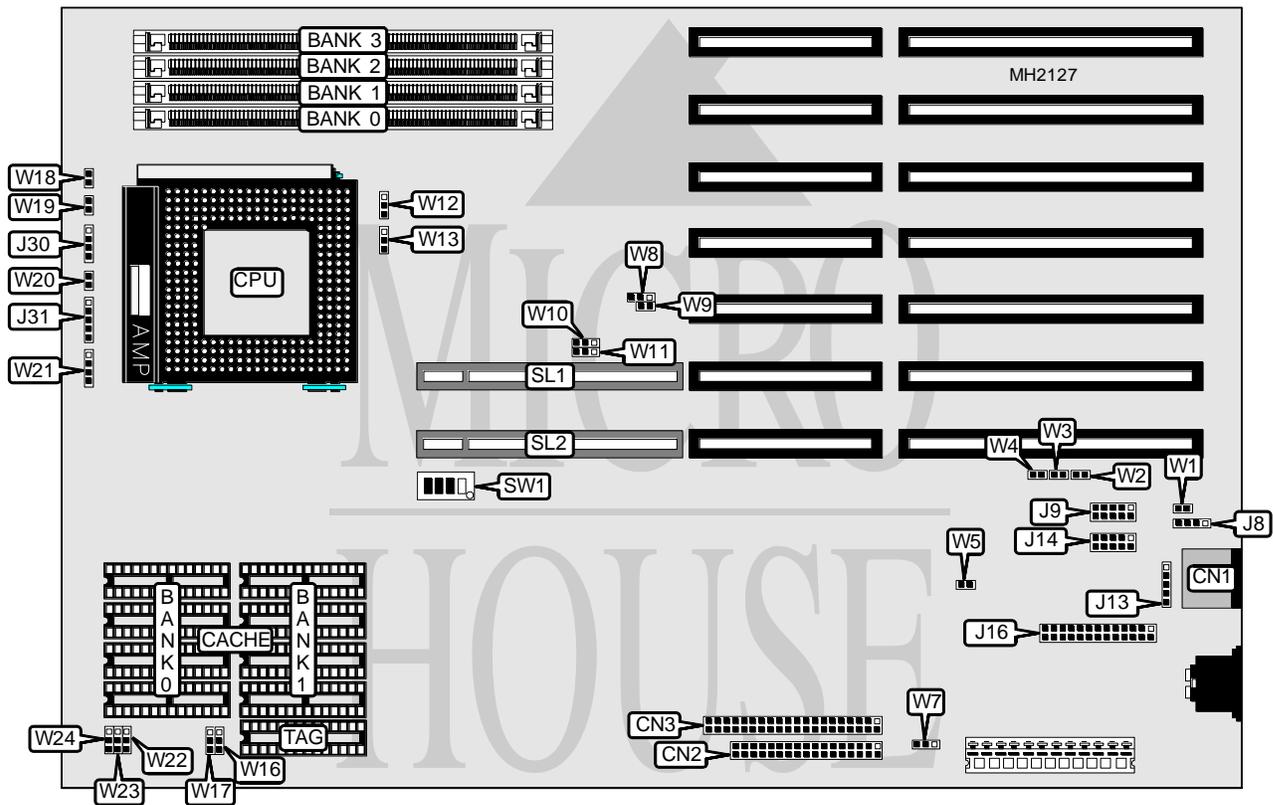
CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	Speaker	J30
Floppy drive interface	CN2	Power LED & keylock	J31
IDE interface	CN3	Turbo LED	W18
External battery	J8	Turbo switch	W19
Serial port 2	J9	Reset switch	W20
Internal keyboard connector	J13	IDE interface LED	W21
Serial port 1	J14	32-bit VESA Local bus slots	SL1 & SL2
Parallel port	J16		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Clock type select Motorola 126818	W1	Open
Clock type select Dallas	W1	Closed
í Monitor type select color	W2	Closed
Monitor type select monochrome	W2	Open
í On board mouse disabled (IRQ12)	W3	Open
On board mouse enabled (IRQ12)	W3	Closed
í Parity enabled	W4	Closed
Parity disabled	W4	Open
í Dallas clock normal operation	W5	Open
Dallas clock discharge	W5	Closed
í Parallel port mode unidirectional	W7	pins 1 & 2 closed
Parallel port mode bidirectional	W7	pins 2 & 3 closed
í CMOS memory normal operation	W8	pins 2 & 3 closed
CMOS memory clear	W8	pins 1 & 2 closed
í Factory configured - do not alter	W9	Open
í CPU type select 80486DX/DX2/Pentium Overdrive	W12	pins 2 & 3 closed
CPU type select 80486SX	W12	pins 1 & 2 closed
í PQFP CPU enabled	W13	pins 1 & 2 closed
PQFP CPU disabled	W13	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	NONE	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
28MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

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CACHE JUMPER CONFIGURATION					
Size	W10	W11	W22	W23	W24
64KB	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
128KB	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
256KB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.					

CACHE JUMPER CONFIGURATION (WRITE BACK)		
Size	W16	W17
64KB	pins 1 & 2 closed	pins 1 & 2 closed
128KB	pins 1 & 2 closed	pins 2 & 3 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed
Note: If write through is selected, open jumpers W16 & W17.		

CPU SPEED CONFIGURATION				
Speed	SW1/1	SW1/2	SW1/3	SW1/4
25MHz	Off	On	Off	Off
33MHz	On	On	Off	Off
50iMHz	Off	On	Off	Off
66iMHz	On	On	Off	Off