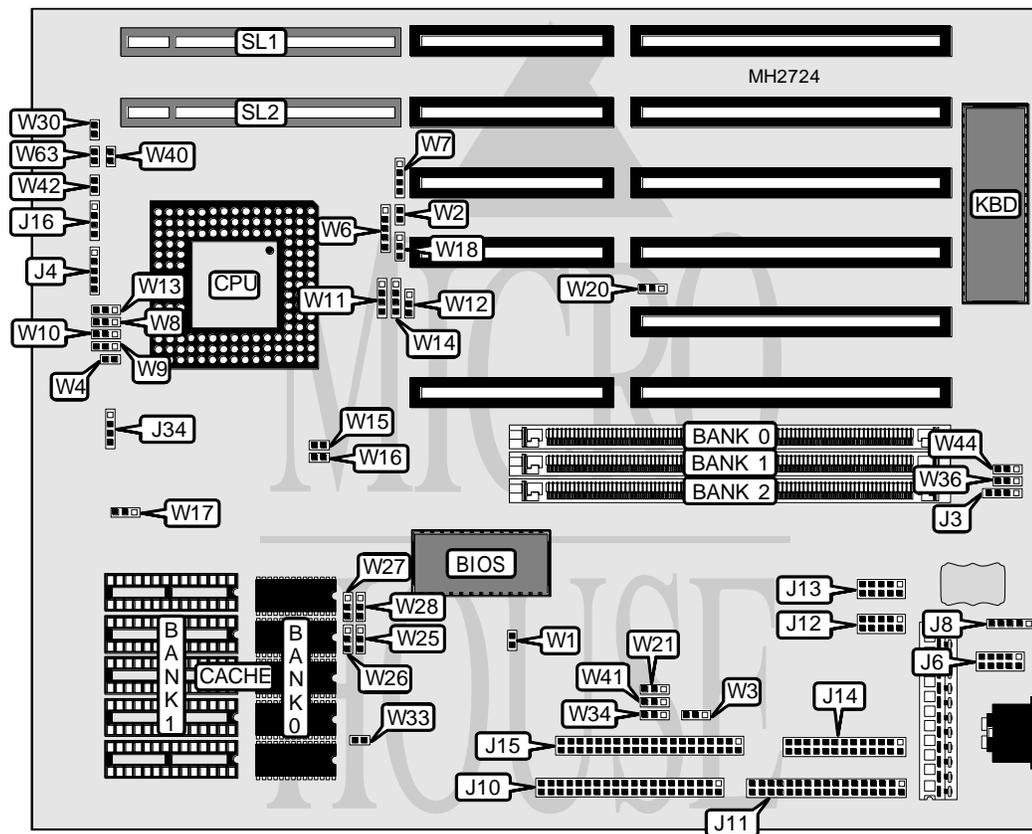


MICRONICS COMPUTERS, INC.

L X 3 0 W B

Processor	TI486SXL/SL80486SX/80486SX/SL80486DX/CX486M7/80486DX/ SL80486DX2/80486DX2/80486DX4/P4S/P24S/P24CT/P24D/Pentium Overdrive
Processor Speed	25/33/40/50/50(internal)/66(internal)/75(internal)/100(internal)MHz
Chip Set	Micronics
Max. Onboard DRAM	96MB
Cache	128/256KB
BIOS	Phoenix
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), floppy drive interface, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J4	IDE interface (primary)	J15
Auxiliary keyboard connector	J8	Speaker	J16
IDE interface (secondary)	J10	32-bit VESA local bus slots	SL1 & SL2
Floppy drive interface	J11	Reset switch	W30
Serial port 1	J12	IDE interface LED	W40
Serial port 2	J13	Turbo switch	W42
Parallel port	J14	Turbo LED	W63

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J3	N/A
í Factory configured - do not alter	J6	N/A
í Factory configured - do not alter	J34	N/A
í Factory configured - do not alter	W1	N/A
í CPU type select all CPU types	W2	Open
CPU type select SL-series only	W2	pins 1 & 2 closed
CPU type select P24D only	W2	pins 2 & 3 closed
í Factory configured - do not alter	W3	N/A
í CPU type select all CPU types	W4	Open
CPU type select P24D only	W4	Closed
í CPU type select all CPU types	W7	pins 1 & 2, 3 & 4 closed
CPU type select P23S or 80486SX only	W7	pins 2 & 3 closed
í Factory configured - do not alter	W20	N/A
í Factory configured - do not alter	W21	N/A
í Monitor type select color	W32	Closed
Monitor type select monochrome	W32	Open
í Primary IDE interface enabled	W33	Open
Primary IDE interface disabled	W33	Closed
í Primary IDE controller IRQ select IRQ14	W34	pins 1 & 2 closed
Primary IDE controller IRQ select IRQ15	W34	pins 2 & 3 closed
í Factory configured - do not alter	W36	N/A
í Secondary IDE interface enabled	W37	pins 2 & 3 closed
Secondary IDE interface disabled	W37	pins 1 & 2 closed
í Secondary IDE controller IRQ select IRQ15	W41	pins 1 & 2 closed
Secondary IDE controller IRQ select IRQ14	W41	pins 2 & 3 closed
í Factory configured - do not alter	W44	N/A

Note: The locations of jumpers W32 & W37 are unidentified.

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE
12MB	(1) 1M x 36	(1) 2M x 36	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36
20MB	(1) 1M x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 4M x 36	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36
28MB	(1) 1M x 36	(1) 2M x 36	(1) 4M x 36

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
32MB	(1) 8M x 36	NONE	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
128KB	(5) 32K x 8	NONE
256KB	(5) 32K x 8	(5) 32K x 8

Note: Bank 0 is factory installed and is not configurable.

CACHE JUMPER CONFIGURATION				
Size	W25	W26	W27	W28
128KB	pins 1 & 2 closed			
256KB	pins 2 & 3 closed			

CPU TYPE CONFIGURATION					
Type	W6	W8	W9	W10	W11
TI486SXL	N/A	N/A	N/A	N/A	N/A
SL80486SX	4 & 5	2 & 3	1 & 2	2 & 3	3 & 4
80486SX	4 & 5	2 & 3	1 & 2	2 & 3	3 & 4
CX486M7	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
SL80486DX	4 & 5	2 & 3	1 & 2	2 & 3	3 & 4
80486DX	4 & 5	2 & 3	1 & 2	2 & 3	3 & 4
SL80486DX2	4 & 5	2 & 3	1 & 2	2 & 3	3 & 4
80486DX2	4 & 5	2 & 3	1 & 2	2 & 3	3 & 4
80486DX4	4 & 5	2 & 3	1 & 2	2 & 3	3 & 4
P4S	N/A	N/A	N/A	N/A	N/A
P24CT	1 & 2	1 & 2	1 & 2	1 & 2	3 & 4
P24D	4 & 5	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4
P24S	N/A	N/A	N/A	N/A	N/A
P24T	1 & 2	1 & 2	1 & 2	1 & 2	3 & 4

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)				
Type	W12	W14	W17	W18
TI486SXL	N/A	pins 1 & 2 closed	N/A	N/A
SL80486SX	pins 2 & 3 closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
80486SX	pins 2 & 3 closed	Open	pins 2 & 3 closed	pins 1 & 2 closed
CX486M7	pins 1 & 2 closed	pins 3 & 4 closed	pins 1 & 2 closed	pins 2 & 3 closed
SL80486DX	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed	pins 1 & 2 closed
80486DX	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed	pins 1 & 2 closed
SL80486DX2	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed	pins 1 & 2 closed
80486DX2	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed	pins 1 & 2 closed
80486DX4	pins 2 & 3 closed	pins 3 & 4 closed	pins 2 & 3 closed	pins 1 & 2 closed
P4S	N/A	pins 3 & 4 closed	N/A	N/A
P24CT	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
P24D	pins 2 & 3 closed	pins 3 & 4 closed	pins 1 & 2 closed	pins 1 & 2 closed
P24S	N/A	pins 3 & 4 closed	N/A	N/A
P24T	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION		
Speed	W15	W16
25MHz	Open	Open
33MHz	Closed	Closed
40MHz	Open	Closed
50iMHz	Open	Open
50MHz	Closed	Open
66iMHz	Closed	Closed
75iMHz	Open	Open
100iMHz	Closed	Closed

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	W13
2x	pins 2 & 3 closed
2.5x	pins 1 & 2 closed
3x	Open