EDOM INTERNATIONAL CORPORATION
4 8 6 V L 3   (M V 0 2 6)

Processor	CX486M6/80486SX/80487SX/CX486M7/80486DX/80486DX2/80486DX4/ Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	OPTI
Max. Onboard DRAM	128MB
Cache	64/128/256KB
BIOS	AMI/Award
Dimensions	254mm x 220mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None
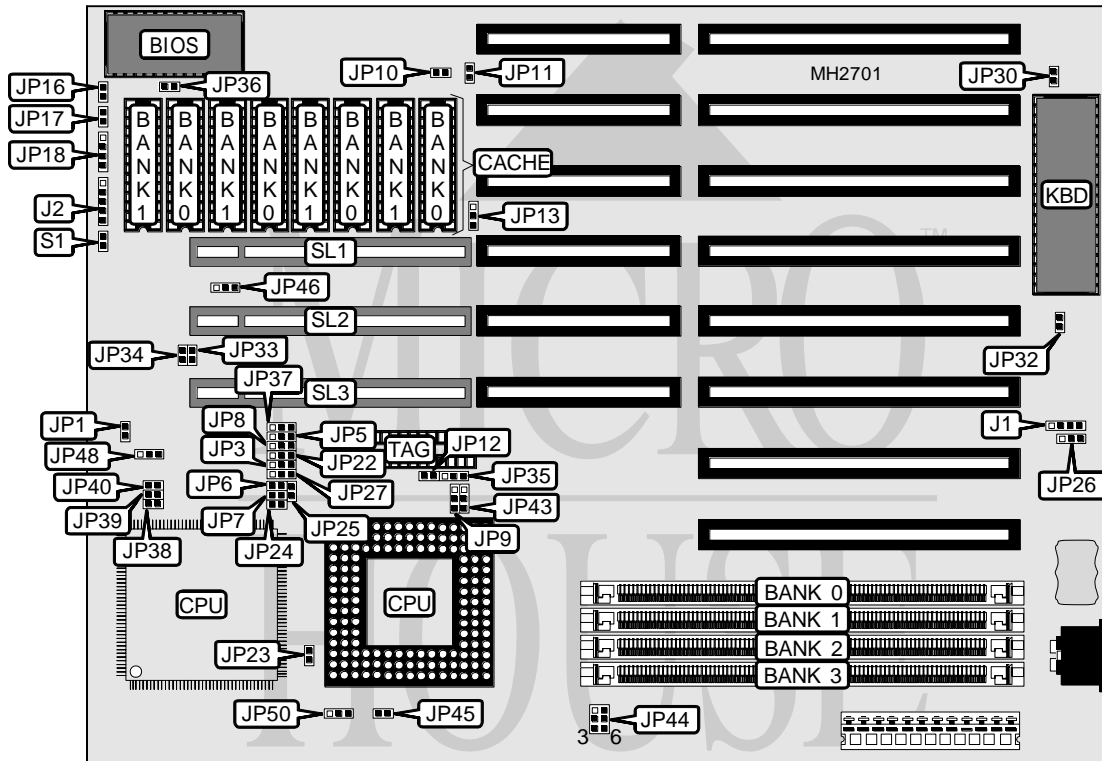
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Speaker	JP18
Power LED & keylock	J2	Green PC connector	JP32
Turbo switch	JP16	Reset switch	S1
Turbo LED	JP17	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP26	pins 2 & 3 closed
CMOS memory clear	JP26	pins 1 & 2 closed
í Cyrix M7 clock speed select 1x	JP27	pins 1 & 2 closed
Cyrix M7 clock speed select 2x	JP27	pins 2 & 3 closed
Other CPU types	JP27	Open
í Monitor type select monochrome	JP30	Open
Monitor type select color	JP30	Closed
í Factory configured - do not alter	JP37	N/A

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	(1) 512K x 36	NONE	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	NONE	(1) 512K x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
10MB	(1) 512K x 36	NONE	(1) 2M x 36	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	NONE	(1) 2M x 36	NONE
32MB	(1) 4M x 36	NONE	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M x 36	NONE	(1) 16M x 36	NONE
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE

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) 16K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP10	JP11	JP13	JP35
64KB	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
128KB	Open	Closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	Closed	Closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	Closed	Closed	pins 2 & 3 closed	pins 1 & 2 closed

EDOM INTERNATIONAL CORPORATION
486VL3 (MV026)

CPU TYPE CONFIGURATION				
Type	JP3	JP5	JP8	JP9
CX486M6	Open	Open	pins 2 & 3 closed	pins 1 & 2 closed
80486SX	Open	Open	pins 2 & 3 closed	Open
80487SX	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	Open
CX486M7	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	Open
80486DX	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	Open
80486DX2	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	Open
80486DX4	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	Open
P24D	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	Open
Pentium Overdrive	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION (CON'T)					
Type	JP12	JP22	JP23	JP45	JP50
CX486M6	Open	1 & 2	Open	Open	2 & 3
80486SX	Open	1 & 2	Open	Closed	Open
80487SX	Open	1 & 2	Open	Closed	Open
CX486M7	Open	1 & 2	Open	Open	2 & 3
80486DX	Open	1 & 2	Open	Closed	Open
80486DX2	Open	1 & 2	Open	Closed	Open
80486DX4	Open	1 & 2	Open	Closed	Open
P24D	Closed	1 & 2	Closed	Closed	1 & 2
Pentium Overdrive	Open	2 & 3	Open	Closed	Open
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION			
Type	JP24	JP25	JP36
Non SL-enhanced	Open	Open	Open
SL-enhanced	Closed	Closed	Closed

PQFP CPU CONFIGURATION			
Type	JP1	JP6	JP7
Disabled	Closed	Closed	Closed
Enabled	Open	Open	Open

EDOM INTERNATIONAL CORPORATION
486VL3 (MV026)

CPU SPEED CONFIGURATION				
Speed	JP38	JP39	JP40	JP48
25MHz	Closed	Closed	Open	pins 1 & 2 closed
33MHz	Closed	Open	Closed	pins 1 & 2 closed
40MHz	Open	Closed	Closed	pins 1 & 2 closed
50iMHz	Closed	Closed	Open	pins 2 & 3 closed
50MHz	Closed	Closed	Closed	pins 1 & 2 closed
66iMHz	Closed	Open	Open	pins 2 & 3 closed
75iMHz	Closed	Closed	Open	pins 2 & 3 closed
100iMHz	Closed	Open	Open	pins 2 & 3 closed

CPU SPEED CONFIGURATION (80486DX4 ONLY)	
Speed	JP43
2x	pins 1 & 2 closed
2.5x	pins 2 & 3 closed
3x	Open

CPU VOLTAGE CONFIGURATION	
Speed	JP44
3.45v	pins 2 & 3, 5 & 6 closed
5v	pins 1 & 2, 4 & 5 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP33
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION		
CPU speed	JP34	JP46
<= 33MHz	Open	pins 2 & 3 closed
> 33MHz	Closed	pins 1 & 2 closed