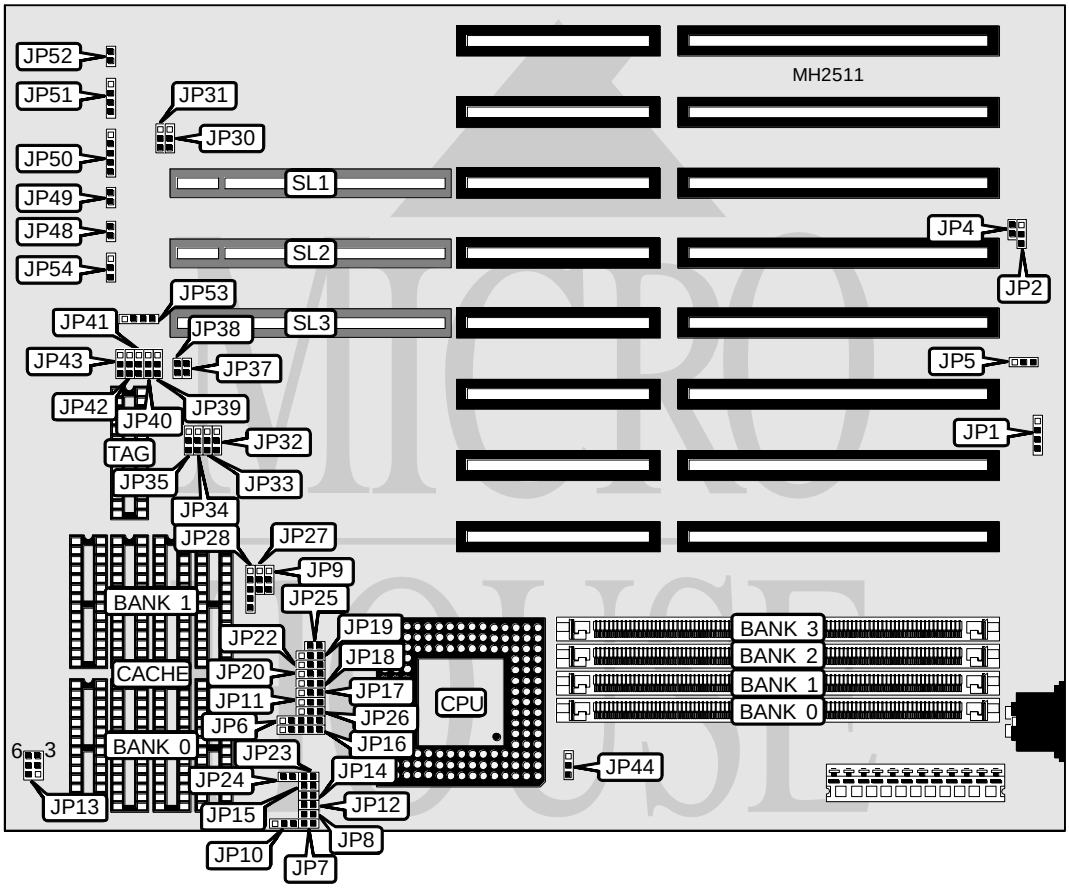
EFA CORPORATION
4 M H L 3 G

Processor	CXM6/SL80486SX/80486SX/SL80486DX/80486DX/ODP486SX/CXM7/ SL80486DX2/80486DX2/80486DX4/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	128MB
Cache	64/128/256/512/1024KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	JP1	Turbo LED	JP52
Turbo switch	JP48	Turbo key	JP53
Reset switch	JP49	Green PC connector	JP54
Power LED & keylock	JP50	32-bit VESA local bus slots	SL1 - SL3
Speaker	JP51		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select EGA	JP2	pins 2 & 3 closed
Monitor type select monochrome/VGA	JP2	pins 1 & 2 closed
í Factory configured - do not alter	JP4	Open
í CMOS memory normal operation	JP5	pins 1 & 2 closed
CMOS memory clear	JP5	pins 2 & 3 closed
í Factory configured - do not alter	JP12	Open
í Factory configured - do not alter	JP25	Open
í DX slow down mode disabled	JP37	Open
DX slow down mode enabled	JP37	Closed
í Factory configured - do not alter	JP38	Open
í Factory configured - do not alter	JP45	Open
í Factory configured - do not alter	JP55	Open
Note: The location of jumpers JP45 & JP55 are unidentified.		

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	(1) 512K x 36	NONE	NONE	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	NONE
6MB	(1) 512K x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	NONE
8MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
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) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
18MB	(1) 512K x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 4M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
36MB	(1) 1M x 36	(1) 8M x 36	NONE	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
48MB	(1) 4M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
65MB	(1) 256K x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 4M x 36	(1) 16M x 36	NONE	NONE
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	NONE
96MB	(1) 4M x 36	(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	NONE
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M 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) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 128K x 8

CACHE JUMPER CONFIGURATION							
Size	JP9	JP27	JP28	JP35	JP41	JP42	JP43
64KB	1 & 2	2 & 3	Open	2 & 3	1 & 2	1 & 2	1 & 2
128KB	2 & 3	1 & 2	1 & 2, 3 & 4	2 & 3	1 & 2	1 & 2	2 & 3
256KB	1 & 2	1 & 2	2 & 3, 4 & 5	2 & 3	1 & 2	2 & 3	2 & 3
512KB	2 & 3	1 & 2	1 & 2, 3 & 4	2 & 3	2 & 3	2 & 3	2 & 3
1MB	1 & 2	1 & 2	2 & 3, 4 & 5	1 & 2	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.							

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CPU TYPE CONFIGURATION						
Type	JP7	JP11	JP16	JP17	JP18	JP19
CXM6	Open	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
SL80486SX	Closed	2 & 3	4 & 5	1 & 2	2 & 3	Open
80486SX	Open	Open	Open	Open	2 & 3	Open
ODP486SX	Open	Open	Open	Open	2 & 3	Open
SL80486DX	Closed	2 & 3	4 & 5	1 & 2	2 & 3	Open
80486DX	Open	Open	Open	Open	2 & 3	Open
CXM7	Open	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3
SL80486DX2	Closed	2 & 3	4 & 5	1 & 2	2 & 3	Open
80486DX2	Open	Open	Open	Open	2 & 3	Open
80486DX4	Closed	2 & 3	4 & 5	1 & 2	2 & 3	Open
P24T	Open	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed postion.						

CPU TYPE CONFIGURATION (CON'T)								
Type	JP19	JP20	JP21	JP22	JP23	JP29	JP30	JP31
CXM6	2 & 3	1 & 2	2 & 3	Open	Open	2 & 3	1 & 2	2 & 3
SL80486SX	Open	Open	2 & 3	Open	Open	2 & 3	2 & 3	1 & 2
80486SX	Open	Open	2 & 3	Open	Open	2 & 3	2 & 3	1 & 2
ODP486SX	Open	Open	1 & 2	2 & 3	Closed	2 & 3	2 & 3	1 & 2
SL80486DX	Open	Open	1 & 2	1 & 2	Closed	2 & 3	2 & 3	1 & 2
80486DX	Open	Open	1 & 2	1 & 2	Closed	2 & 3	2 & 3	1 & 2
CXM7	2 & 3	1 & 2	1 & 2	1 & 2	Closed	2 & 3	1 & 2	2 & 3
SL80486DX2	Open	Open	1 & 2	1 & 2	Closed	2 & 3	2 & 3	1 & 2
80486DX2	Open	Open	1 & 2	1 & 2	Closed	2 & 3	2 & 3	1 & 2
80486DX4	Open	Open	1 & 2	1 & 2	Closed	2 & 3	2 & 3	1 & 2
P24T	1 & 2	2 & 3	1 & 2	2 & 3	Closed	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed postion. The location fof JP29 is unidentified.								

CPU TYPE CONFIGURATION		
Type	JP6	JP26
All CPU types	Open	pins 1 & 2 closed
80486DX4 only	pins 1 & 2 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION			
Type	JP8	JP14	JP15
All CPU types	Open	Open	Open
P24D only	Closed	Closed	Closed

CPU TYPE CONFIGURATION	
Type	JP10
All CPU types	Open
CX486DX-40	pins 2 & 3 closed
CX486DX2-50	pins 1 & 2 closed

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CPU TYPE CONFIGURATION	
Type	JP24
All CPU types	Open
CX M6/M7 CPU	Closed

CPU SPEED CONFIGURATION			
Speed	JP32	JP33	JP34
20MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
25MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
33MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
40MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
50iMHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
50MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
66iMHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
75iMHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
100iMHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU VOLTAGE CONFIGURATION		
Voltage	JP13	JP44
3.3v	pins 2 & 3, 5 & 6 closed	pins 1 & 2 closed
5.0v	pins 1 & 2, 4 & 5 closed	pins 2 & 3 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP40
0 wait states	pins 1 & 2 closed
1 wait state	pins 2 & 3 closed

BUS SPEED CONFIGURATION	
CPU speed	JP39
<= 33MHz	pins 1 & 2 closed
> 33MHz	pins 2 & 3 closed