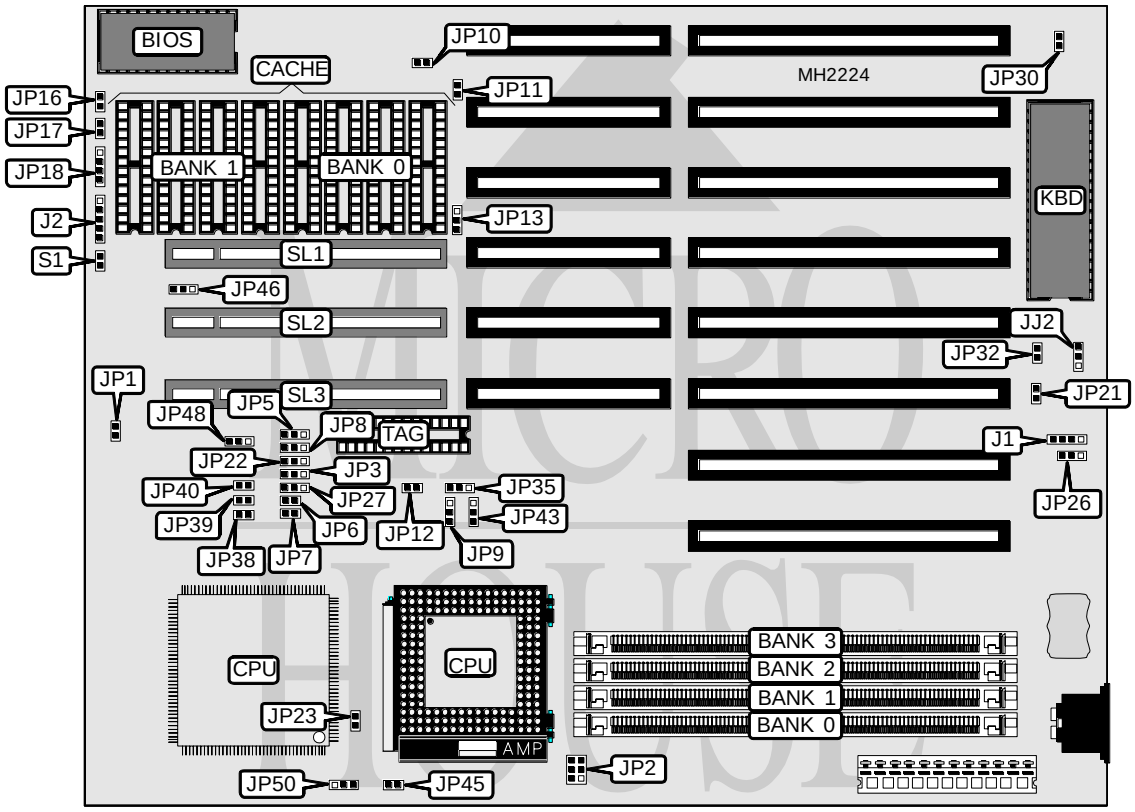
INTEL CORPORATION
486-GL GREEN/VESA

Processor	CX486S/CX486S2/80486SX/80487SX/CX486DX/80486DX/CX486DX2/ 80486DX2/80486DX4/Pentium Overdrive
Processor Speed	20/25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	OPTI
Max. Onboard DRAM	128MB
Cache	64/128/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connectors (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Green PC connector (hardware)	JP21
Power LED & keylock	J2	Green PC connector (monitor)	JP32
Turbo switch	JP16	Reset switch	S1
Turbo LED	JP17	32-bit VESA local bus slots	SL1 - SL3
Speaker	JP18		

Continued next page. . .

INTEL CORPORATION
486-GL GREEN/VESA

. . . continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CPU type select PGA	JP1	Closed
CPU type select PQFP	JP1	Open
í CMOS memory normal operation	JP26	pins 2 & 3 closed
CMOS memory clear	JP26	pins 1 & 2 closed
í Monitor type select color	JP30	Closed
Monitor type select monochrome	JP30	Open
í Intel SMI CPU	JP45	Closed
Non Intel SMI CPU	JP45	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	NONE	(1) 512K x 36	NONE	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	NONE	(1) 512K x 36	NONE	(1) 512K x 36
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	NONE	(1) 512K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	NONE	(1) 2M x 36	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
10MB	NONE	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
10MB	(1) 256K x 36	(1) 256K x 36	NONE	(1) 2M x 36
10MB	NONE	(1) 512K x 36	NONE	(1) 2M x 36
12MB	(1) 1M x 36	NONE	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	NONE	NONE	(1) 2M x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	NONE	(1) 2M x 36	NONE	(1) 2M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	NONE	(1) 8M x 36	NONE	NONE
40MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
52MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	NONE	(1) 8M x 36	NONE	(1) 8M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	NONE	(1) 32M x 36	NONE	NONE

Continued next page. . .

INTEL CORPORATION
486-GL GREEN/VESA

. . . continued from previous page

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 1 & 2 closed
256KB	Closed	Closed	pins 2 & 3 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION		
Type	JP6	JP7
80486SX	Open	Open
80486DX	Closed	Closed

CPU TYPE CONFIGURATION		
Type	JP27	JP43
AMD SMI	Open	Open
Intel SL	Open	Open
CX486DX (1x)	pins 1 & 2 closed	Open
CX486DX (2x)	pins 2 & 3 closed	Open
80486DX4 (2x)	Open	pins 1 & 2 closed
80486DX4 (3x)	Open	Open
Other CPU types	Open	Open

CPU TYPE CONFIGURATION				
Type	JP3	JP5	JP8	JP9
CX486S	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
CX4786DX	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
80486DX/DX2	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
P24T	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
P24D	Open	Open	Open	Open

Continued next page. . .

INTEL CORPORATION
486-GL GREEN/VESA

. . . continued from previous page

CPU TYPE CONFIGURATION (CON'T)				
Type	JP12	JP22	JP23	JP50
CX486S	Open	pins 1 & 2 closed	Open	pins 2 & 3 closed
80486SX	Open	pins 1 & 2 closed	Open	Open
80487SX	Open	pins 1 & 2 closed	Open	Open
CX4786DX	Open	pins 1 & 2 closed	Open	pins 2 & 3 closed
80486DX/DX2	Open	pins 1 & 2 closed	Open	Open
80486DX4	Open	pins 1 & 2 closed	Open	Open
P24T	Open	pins 2 & 3 closed	Open	Open
P24D	Closed	Open	Closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION					
Speed	JJ2	JP38	JP39	JP40	JP48
20MHz	1 & 2	Open	Closed	Open	1 & 2
25MHz	1 & 2	Closed	Closed	Open	1 & 2
33MHz	1 & 2	Closed	Open	Closed	1 & 2
33iMHz (DX4)	1 & 2	Closed	Open	Closed	2 & 3
40MHz	1 & 2	Open	Closed	Closed	1 & 2
50iMHz	1 & 2	Closed	Closed	Open	1 & 2
50MHz	1 & 2	Closed	Closed	Closed	1 & 2
50iMHz (DX4)	2 & 3	Closed	Closed	Open	2 & 3
66iMHz	1 & 2	Closed	Open	Closed	1 & 2
Note: Pins designated should be in the closed position.					

CPU VOLTAGE CONFIGURATION	
Voltage	JP2
3.3v	pins 2 & 3, 5 & 6 closed
5.0v	pins 1 & 2, 4 & 5 closed

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