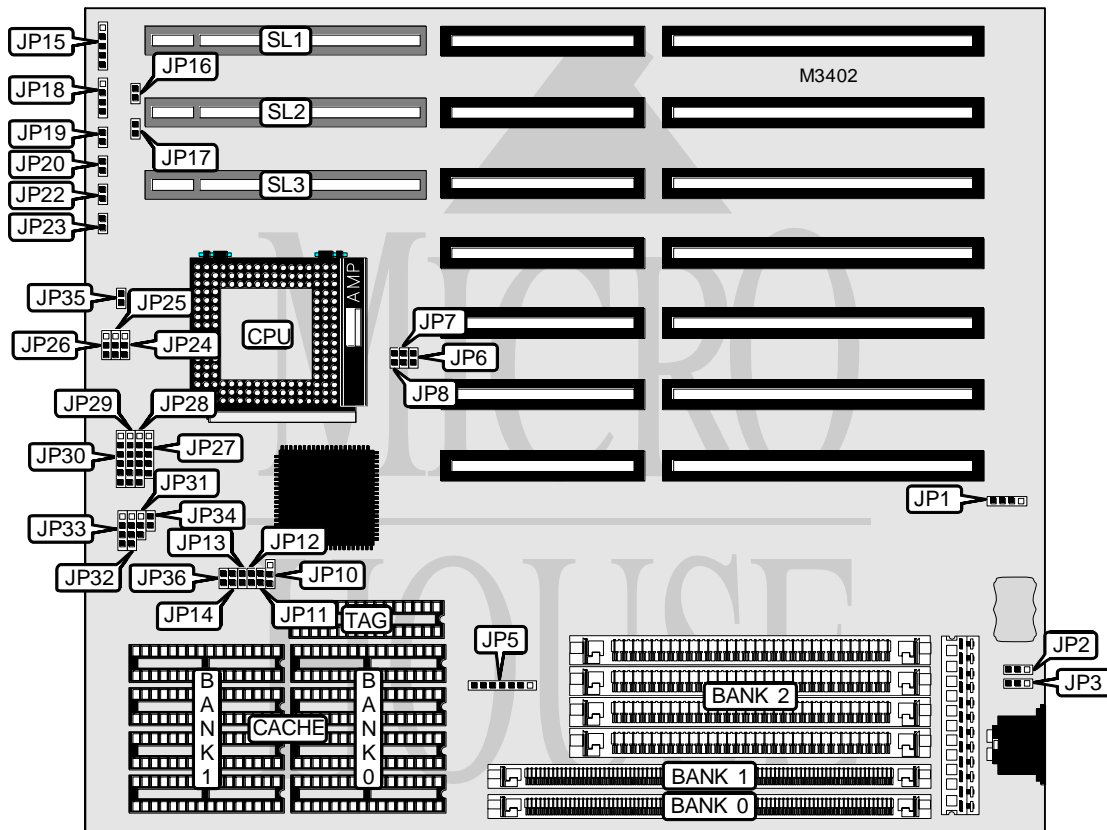


FIRST INTERNATIONAL COMPUTER, INC.

80486

Processor	CX486M6/80486SX/AM486DX/CX486M7/UMC U5/80486DX/80486DX2/80486DX4/P24D/P24T
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/100(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	64/128/256/512/1024KB
BIOS	AMI/Award
Dimensions	254mm 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	Reset switch	JP20
Power LED & keylock	JP15	Turbo switch	JP22
Speaker	JP18	Green PC connector	JP23
Turbo LED	JP19	32-bit VESA local bus slots	SL1 - SL3

Continued on next page . . .

FIRST INTERNATIONAL COMPUTER, INC.
80486

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Battery type select external	JP1	Closed
Battery type select internal	JP1	Pins 2 & 3 closed
CMOS memory clear	JP1	Pins 3 & 4 closed
í Factory configured - do not alter	JP2	Open
Flash BIOS voltage select 12v	JP3	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP3	Pins 1 & 2 closed
í Factory configured - do not alter	JP36	Open

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	(1) 256K x 36	None	None
1MB	None	(1) 256K x 36	None
2MB	(1) 256K x 36	(1) 256K x 36	None
2MB	None	(1) 256K x 36	(4) 256K x 9
3MB	(1) 256K x 36	(1) 256K x 36	(4) 256K x 9
4MB	(1) 1M x 36	None	None
4MB	None	(1) 1M x 36	None
5MB	(1) 1M x 36	(1) 256K x 36	None
5MB	(1) 256K x 36	(1) 1M x 36	None
5MB	None	(1) 1M x 36	(4) 256K x 9
6MB	(1) 256K x 36	(1) 256K x 36	(4) 1M x 9
6MB	(1) 256K x 36	(1) 1M x 36	(4) 256K x 9
6MB	(1) 1M x 36	(1) 256K x 36	(4) 256K x 9
8MB	(1) 2M x 36	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None
8MB	None	(1) 2M x 36	None
9MB	(1) 2M x 36	(1) 256K x 36	None
9MB	(1) 256K x 36	(1) 1M x 36	(4) 1M x 9
9MB	(1) 1M x 36	(1) 256K x 36	(4) 1M x 9
9MB	None	(1) 2M x 36	(4) 256K x 9
9MB	(1) 1M x 36	(1) 1M x 36	(4) 256K x 9
10MB	(1) 256K x 36	(1) 2M x 36	(4) 256K x 9
12MB	(1) 2M x 36	(1) 1M x 36	None
12MB	(1) 1M x 36	(1) 1M x 36	(4) 1M x 9
13MB	(1) 256K x 36	(1) 2M x 36	(4) 1M x 9
13MB	(1) 1M x 36	(1) 2M x 36	(4) 256K x 9
16MB	(1) 4M x 36	None	None
16MB	None	(1) 4M x 36	None
16MB	(1) 1M x 36	(1) 2M x 36	(4) 1M x 9
17MB	(1) 4M x 36	(1) 256K x 36	None
17MB	(1) 256K x 36	(1) 4M x 36	None
17MB	None	(1) 256K x 36	(4) 4M x 9

Continued on next page. . .

FIRST INTERNATIONAL COMPUTER, INC.

80486

... continued from previous page

DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
17MB	(1) 256K x 36	None	(4) 4M x 9
17MB	None	(1) 4M x 36	(4) 256K x 9
18MB	(1) 256K x 36	(1) 256K x 36	(4) 4M x 9
18MB	(1) 256K x 36	(1) 4M x 36	(4) 256K x 9
18MB	(1) 4M x 36	(1) 256K x 36	(4) 256K x 9
20MB	(1) 4M x 36	(1) 1M x 36	None
20MB	(1) 1M x 36	(1) 4M x 36	None
20MB	None	(1) 1M x 36	(4) 4M x 9
21MB	(1) 256K x 36	(1) 1M x 36	(4) 4M x 9
21MB	(1) 1M x 36	(1) 256K x 36	(4) 4M x 9
21MB	(1) 256K x 36	(1) 4M x 36	(4) 1M x 9
21MB	(1) 4M x 36	(1) 256K x 36	(4) 1M x 9
21MB	(1) 1M x 36	(1) 4M x 36	(4) 256K x 9
21MB	(1) 4M x 36	(1) 1M x 36	(4) 256K x 9
24MB	(1) 2M x 36	(1) 4M x 36	None
24MB	None	(1) 2M x 36	(4) 4M x 9
24MB	(1) 1M x 36	(1) 1M x 36	(4) 4M x 9
24MB	(1) 1M x 36	(1) 4M x 36	(4) 1M x 9
24MB	(1) 4M x 36	(1) 1M x 36	(4) 1M x 9
25MB	(1) 256K x 36	(1) 2M x 36	(4) 4M x 9
25MB	(1) 1M x 36	(1) 2M x 36	(4) 4M x 9
25MB	(1) 4M x 36	(1) 2M x 36	(4) 256K x 9
28MB	(1) 4M x 36	(1) 2M x 36	(4) 1M x 9
32MB	(1) 8M x 36	None	None
32MB	(1) 4M x 36	(1) 4M x 36	None
32MB	None	(1) 8M x 36	None
32MB	None	(1) 4M x 36	(4) 4M x 9
33MB	(1) 8M x 36	(1) 256K x 36	None
33MB	(1) 256K x 36	(1) 8M x 36	None
33MB	(1) 256K x 36	(1) 4M x 36	(4) 4M x 9
33MB	(1) 4M x 36	(1) 256K x 36	(4) 4M x 9
33MB	None	(1) 8M x 36	(4) 256K x 9
33MB	(1) 4M x 36	(1) 4M x 36	(4) 256K x 9
34MB	(1) 256K x 36	(1) 8M x 36	(4) 256K x 9
36MB	(1) 8M x 36	(1) 1M x 36	None
36MB	(1) 1M x 36	(1) 8M x 36	None
36MB	(1) 1M x 36	(1) 4M x 36	(4) 4M x 9
36MB	(1) 4M x 36	(1) 1M x 36	(4) 4M x 9
36MB	(1) 4M x 36	(1) 4M x 36	(4) 1M x 9
37MB	(1) 256K x 36	(1) 8M x 36	(4) 1M x 9
37MB	(1) 1M x 36	(1) 8M x 36	(4) 256K x 9
40MB	(1) 2M x 36	(1) 8M x 36	None

Continued on next page...

FIRST INTERNATIONAL COMPUTER, INC.
80486

... continued from previous page

DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
40MB	(1) 4M x 36	(1) 2M x 36	(4) 4M x 9
40MB	(1) 1M x 36	(1) 8M x 36	(4) 1M x 9
48MB	(1) 4M x 36	(1) 8M x 36	None
48MB	(1) 8M x 36	(1) 4M x 36	None
48MB	None	(1) 8M x 36	(4) 4M x 9
48MB	(1) 4M x 36	(1) 4M x 36	(4) 4M x 9
49MB	(1) 256K x 36	(1) 8M x 36	(4) 4M x 9
49MB	(1) 4M x 36	(1) 8M x 36	(4) 256K x 9
52MB	(1) 1M x 36	(1) 8M x 36	(4) 4M x 9
52MB	(1) 4M x 36	(1) 8M x 36	(4) 1M x 9
64MB	(1) 8M x 36	(1) 8M x 36	None
64MB	(1) 4M x 36	(1) 8M x 36	(4) 4M x 9

Note: There may be other valid configurations in addition to those shown above.

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB (A)	(1) 16K x 8	(1) 16K x 8	(1) 8K x 8
128KB (B)	(4) 32K x 8	None	(1) 8K x 8
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
256KB (B)	(4) 64K x 8	None	(1) 32K x 8
512KB (A)	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB (B)	(4) 128K x 8	None	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 64K x 8

CACHE JUMPER CONFIGURATION						
Size	JP5	JP10	JP11	JP12	JP13	JP14
64KB	2 & 3	2 & 3	Open	Open	Open	Open
128KB (A)	2 & 3	2 & 3	Open	Open	Open	Closed
128KB (B)	1 & 2	1 & 2	Open	Open	Open	Closed
256KB (A)	2 & 3	2 & 3	Open	Open	Closed	Closed
256KB (B)	1 & 2, 3 & 4	1 & 2	Open	Closed	Closed	Closed
512KB (A)	2 & 3, 4 & 5	2 & 3	Open	Closed	Closed	Closed
512KB (B)	1 & 2, 3 & 4, 5 & 6	1 & 2	Open	Closed	Closed	Closed
1MB	2 & 3, 4 & 5, 6 & 7	2 & 3	Closed	Closed	Closed	Closed

Note: Pins designated should be in the closed position.

Continued on next page. . .

FIRST INTERNATIONAL COMPUTER, INC.

80486

... continued from previous page

CPU SPEED SELECTION			
Speed	JP6	JP7	JP8
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Closed
40MHz	Open	Closed	Closed
50iMHz	Open	Open	Closed
50MHz	Closed	Open	Open
66iMHz	Closed	Closed	Closed
75iMHz	Open	Open	Closed
80iMHz	Open	Closed	Closed
100iMHz	Closed	Closed	Closed

CPU TYPE SELECTION			
Type	JP27	JP28	JP29
CX486M6	2 & 3, 4 & 5	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6
80486SX	Open	2 & 3	Open
AM486DX	Open	2 & 3	Open
CX486M7	2 & 3	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6
UMC U5	Open	2 & 3	2 & 3
80486DX	Open	2 & 3	Open
80486DX2	Open	2 & 3	Open
80486DX4	1 & 2, 3 & 4	1 & 2	1 & 2
P24D	1 & 2, 3 & 4	1 & 2, 4 & 5	1 & 2, 4 & 5
P24T	1 & 2, 3 & 4	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)			
Type	JP30	JP32	JP33
CX486M6	1 & 2, 3 & 4, 5 & 6	Open	2 & 3
80486SX	Open	Open	2 & 3
AM486DX	Open	1 & 2	1 & 2, 3 & 4
CX486M7	2 & 3, 4 & 5	1 & 2	1 & 2, 3 & 4
UMC U5	1 & 2	3 & 4	2 & 3
80486DX	Open	1 & 2	1 & 2, 3 & 4
80486DX2	Open	1 & 2	1 & 2, 3 & 4
80486DX4	5 & 6	1 & 2	1 & 2, 3 & 4
P24D	3 & 4, 5 & 6	1 & 2	1 & 2, 3 & 4
P24T	5 & 6	2 & 3	1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU MULTIPLIER SELECTION (AMD)	
Multiplier	JP34
2x	Closed
3x	Open

Continued on next page. . .

FIRST INTERNATIONAL COMPUTER, INC.

80486

... continued from previous page

CPU MULTIPLIER SELECTION (INTEL)	
Multiplier	JP31
2x	Pins 2 & 3 closed
2.5x	Pins 1 & 2 closed
3x	Open

CPU VOLTAGE SELECTION				
Voltage	JP24	JP25	JP26	JP35
3.3v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed
4v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
5v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open

VL BUS WAIT STATE SELECTION	
Setting	JP17
0	Open
1	Closed

VL-BUS SPEED SELECTION	
Setting	JP16
<= 33MHz	Open
>33 MHz	Closed