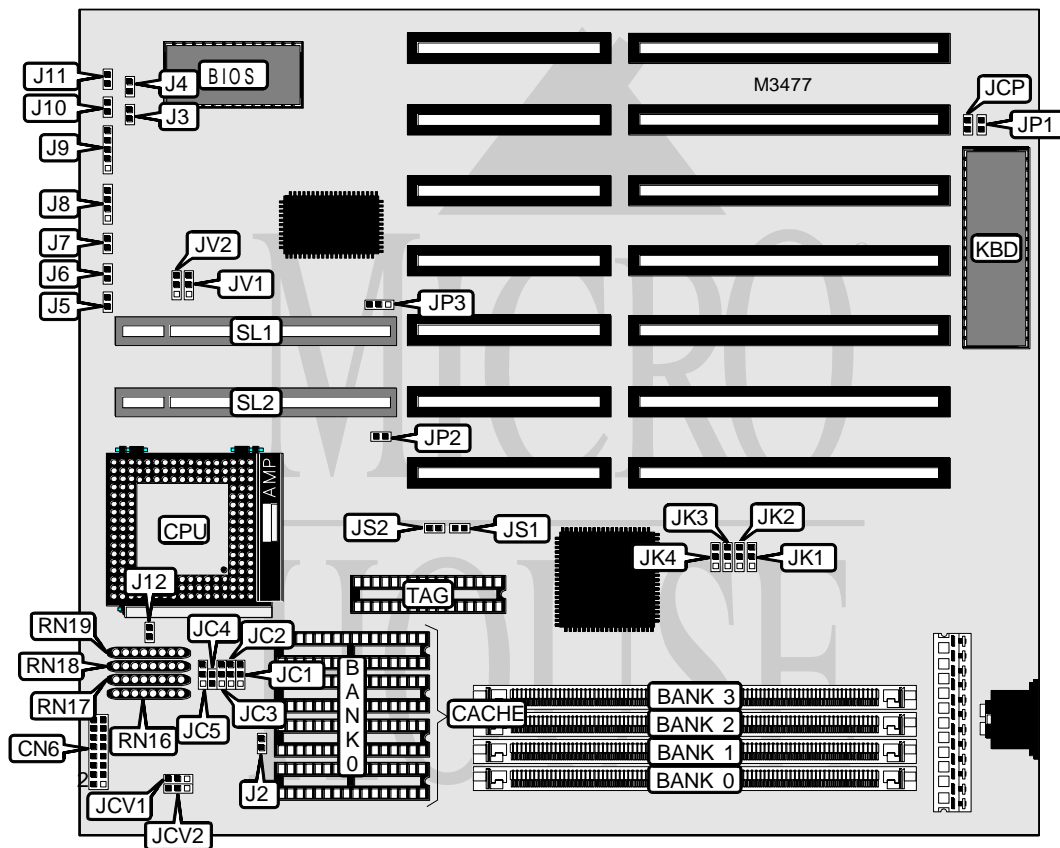


FIRST INTERNATIONAL COMPUTER, INC.

486-PVT (REV. B2)

Processor	CX486SX/80486SX/SL80486SX/AM486DX/80486DX/SL80486DX/ CX486DX/CX486DXV/CX486DX2/CX486DX2V/AM486DX2/ 80486DX2/SL80486DX2/80486DX4/P24CT/P24D/P24T
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	VIA
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	128/256/512KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (2), green PC connector, Low voltage regulator board connector
NPU Options	None



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486 - P V T (R E V . B 2)**

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CONNECTIONS			
Purpose	Location	Purpose	Location
Low voltage regulator board connector	CN6	Speaker	J8
Green PC LED	J3	Power LED & keylock	J9
Green PC connector	J4	Green PC connector	J10
Turbo LED	J5	Chassis fan power	J11
Turbo switch	J6	32-bit VESA local bus slots	SL1 & SL2
Reset switch	J7		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Password normal operation	JCP	Open
Password clear	JCP	Closed
í Monitor type select monochrome/EGA/VGA	JP1	Open
Monitor type select color	JP1	Closed
Jumper information unavailable	JP2	Unidentified

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
1MB	None	(1) 256K x 36	None	None
1MB	None	None	(1) 256K x 36	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
2MB	(1) 256K x 36	None	(1) 256K x 36	None
2MB	None	None	(1) 256K x 36	(1) 256K x 36
2MB	None	(1) 256K x 36	(1) 256K x 36	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
3MB	None	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	None	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None	None	None
4MB	None	(1) 1M x 36	None	None
4MB	None	None	(1) 1M x 36	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
5MB	(1) 256K x 36	(1) 1M x 36	None	None
5MB	(1) 256K x 36	None	(1) 1M x 36	None
5MB	(1) 1M x 36	(1) 256K x 36	None	None
5MB	(1) 1M x 36	None	(1) 256K x 36	None
5MB	None	(1) 256K x 36	(1) 1M x 36	None
5MB	None	(1) 1M x 36	(1) 256K x 36	None
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	None
6MB	(1) 256K x 36	(1) 1M x 36	(1) 256K x 36	None
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	None
6MB	None	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
6MB	(1) 1M x 36	None	(1) 256K x 36	(1) 256K x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
7MB	(1) 256K x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	(1) 1M x 36	None	(1) 1M x 36	None
8MB	None	(1) 1M x 36	(1) 1M x 36	None
8MB	None	None	(1) 1M x 36	(1) 1M x 36
9MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36	None
9MB	(1) 1M x 36	(1) 256K x 36	(1) 1M x 36	None
9MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	None
9MB	None	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
9MB	(1) 256K x 36	None	(1) 1M x 36	(1) 1M x 36
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
12MB	None	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	None	(1) 1M x 36	(1) 1M x 36
13MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
13MB	(1) 1M x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
16MB	None	(1) 4M x 36	None	None
16MB	None	None	(1) 4M x 36	None
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 256K x 36	(1) 4M x 36	None	None
17MB	(1) 256K x 36	None	(1) 4M x 36	None
17MB	None	(1) 256K x 36	(1) 4M x 36	None
17MB	None	(1) 4M x 36	(1) 256K x 36	None
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	None
18MB	(1) 256K x 36	(1) 4M x 36	(1) 256K x 36	None
18MB	None	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
19MB	(1) 256K x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 1M x 36	(1) 4M x 36	None	None
20MB	(1) 1M x 36	None	(1) 4M x 36	None
20MB	None	(1) 1M x 36	(1) 4M x 36	None
20MB	None	(1) 4M x 36	(1) 1M x 36	None
21MB	(1) 256K x 36	(1) 1M x 36	(1) 4M x 36	None
21MB	(1) 256K x 36	(1) 4M x 36	(1) 1M x 36	None
21MB	(1) 1M x 36	(1) 256K x 36	(1) 4M x 36	None
21MB	(1) 1M x 36	(1) 4M x 36	(1) 256K x 36	None
22MB	(1) 1M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	None
24MB	(1) 1M x 36	(1) 4M x 36	(1) 1M x 36	None
24MB	None	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
25MB	(1) 256K x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
28MB	(1) 1M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	None	None	(1) 4M x 36	(1) 4M x 36
32MB	(1) 8M x 36	None	None	None
32MB	None	(1) 8M x 36	None	None
32MB	None	(1) 4M x 36	(1) 4M x 36	None
33MB	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36	None
33MB	None	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36
33MB	(1) 256K x 36	None	(1) 4M x 36	(1) 4M x 36
34MB	(1) 256K x 36	(1) 256K 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	None	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 1M x 36	None	(1) 4M x 36	(1) 4M x 36
37MB	(1) 256K x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
37MB	(1) 1M x 36	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	None	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
49MB	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	None	(1) 8M x 36	(1) 8M x 36	None
65MB	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36	None
66MB	(1) 256K x 36	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36
66MB	(1) 256K x 36	(1) 8M x 36	(1) 256K x 36	(1) 8M x 36
66MB	(1) 8M x 36	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	None
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	None
68MB	None	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
68MB	(1) 8M x 36	(1) 8M x 36	(1) 1M x 36	None
69MB	(1) 256K x 36	(1) 8M x 36	(1) 1M x 36	(1) 8M x 36
69MB	(1) 1M x 36	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36
69MB	(1) 1M x 36	(1) 8M x 36	(1) 256K x 36	(1) 8M x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 1M x 36	(1) 8M x 36	(1) 1M x 36	(1) 8M x 36
72MB	(1) 8M x 36	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36
80MB	(1) 8M x 36	(1) 4M x 36	(1) 8M x 36	None
80MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	None
81MB	(1) 256K x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
81MB	(1) 256K x 36	(1) 8M x 36	(1) 4M x 36	(1) 8M x 36
84MB	(1) 1M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
84MB	(1) 1M x 36	(1) 8M x 36	(1) 4M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	None
97MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 256K x 36
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

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CACHE CONFIGURATION		
Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 8K/32K x 8
256KB	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	JS1	JS2
128KB	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED SELECTION				
Speed	JK1	JK2	JK3	JK4
25MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
33MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
40MHz	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
50iMHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
50MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
66iMHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
75iMHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
100iMHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU TYPE SELECTION					
Type	JC1	JC2	JC3	JC4	JC5
CX486SX	2 & 3	2 & 3	1 & 2	Open	2 & 3
80486SX	2 & 3	2 & 3	1 & 2	Open	1 & 2
SL80486SX	2 & 3	2 & 3	1 & 2	Open	1 & 2
AM486DX	1 & 2	1 & 2	1 & 2	Open	1 & 2
80486DX	1 & 2	1 & 2	1 & 2	Open	1 & 2
SL 80486DX	1 & 2	1 & 2	1 & 2	Open	1 & 2
CX486DX	1 & 2	1 & 2	1 & 2	Open	1 & 2
CX486DXV	1 & 2	1 & 2	1 & 2	Open	2 & 3
CX486DX2	1 & 2	1 & 2	1 & 2	Open	1 & 2
CX486DX2V	1 & 2	1 & 2	1 & 2	Open	2 & 3
AM486DX2	1 & 2	1 & 2	1 & 2	Open	1 & 2
80486DX2	1 & 2	1 & 2	1 & 2	Open	1 & 2
SL 80486DX2	1 & 2	1 & 2	1 & 2	Open	1 & 2
80486DX4	1 & 2	1 & 2	1 & 2	Open	1 & 2
P24CT	1 & 2	1 & 2	1 & 2	Closed	1 & 2
P24D	1 & 2	1 & 2	1 & 2	Closed	1 & 2
P24T	1 & 2	1 & 2	1 & 2	Closed	1 & 2

Note: Pins designated should be in the closed position.

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486 - P V T (R E V . B 2)

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CPU TYPE SELECTION (CON'T)				
Type	RN16	RN17	RN18	RN19
CX486SX	Installed	Not installed	Not installed	Not installed
80486SX	Not installed	Not installed	Not installed	Installed
SL80486SX	Not installed	Not installed	Not installed	Installed
AM486DX	Not installed	Not installed	Installed	Not installed
80486DX	Not installed	Not installed	Not installed	Installed
SL 80486DX	Not installed	Not installed	Not installed	Installed
CX486DX	Installed	Not installed	Not installed	Not installed
CX486DXV	Installed	Not installed	Not installed	Not installed
CX486DX2	Installed	Not installed	Not installed	Not installed
CX486DX2V	Installed	Not installed	Not installed	Not installed
AM486DX2	Not installed	Not installed	Installed	Not installed
80486DX2	Not installed	Not installed	Not installed	Installed
SL 80486DX2	Not installed	Not installed	Not installed	Installed
AM486DX4	Not installed	Not installed	Installed	Not installed
80486DX4	Not installed	Not installed	Not installed	Installed
P24CT	Not installed	Installed	Not installed	Installed
P24D	Not installed	Installed	Not installed	Installed

CPU TYPE SELECTION	
Type	JP3
All CPU types	Pins 1 & 2 closed
Cyrix CPUs only	Pins 2 & 3 closed

CPU TYPE SELECTION (AMD ONLY)	
Type	J12
AM486DX2	Closed
AM486DX4	Open

CPU SPEED MULTIPLIER SELECTION (AMD ONLY)	
Multiplier	J2
2x	Closed
3x	Open

CPU VOLTAGE SELECTION			
Voltage	JCV1	JCV2	CN6
3v	1 & 2	Open	7 & 8, 9 & 10
3.3v	2 & 3	Open	7 & 8, 9 & 10
3.45v	Jumper together pin 2 on JCV1 and pin 2 on JCV2		7 & 8, 9 & 10
3.6v	Open	1 & 2	7 & 8, 9 & 10
4v	Open	2 & 3	7 & 8, 9 & 10
5v	Jumper together pin 2 on JCV1 and pin 2 on JCV2		1 & 2, 3 & 4, 13 & 14, 15 & 16

Note: Pins designated should be in the closed position.

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VL BUS WAIT STATE SELECTION	
Setting	JV1
0	Pins 2 & 3 closed
1	Pins 1 & 2 closed

VL BUS SPEED SELECTION	
Speed	JV2
$\leq 33\text{MHz}$	Pins 2 & 3 closed
$>33\text{ MHz}$	Pins 1 & 2 closed