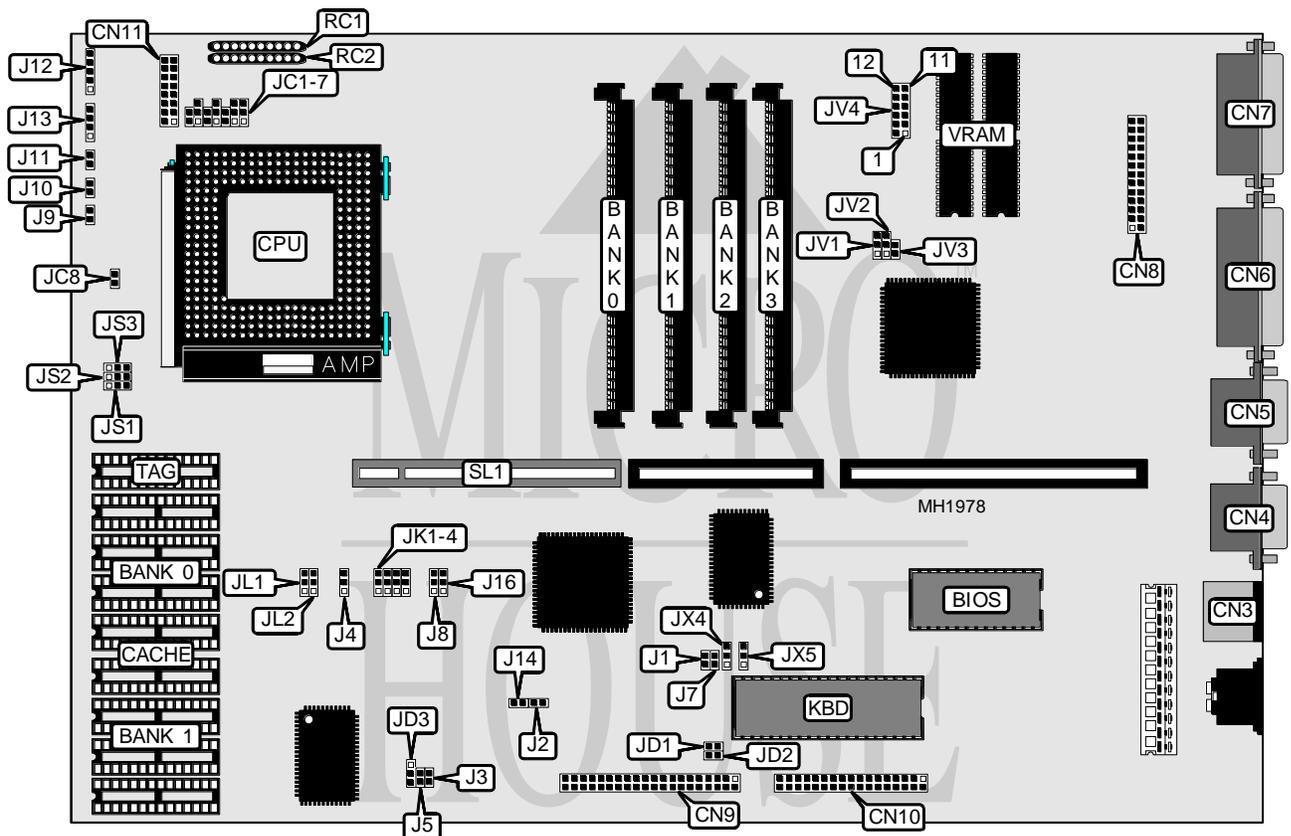


# FIRST INTERNATIONAL COMPUTER, INC.

## 486 GAW - V

<b>Processor</b>	CX486S/CS487S/CS486DX/80486SX/80486DX/80486DX2/80486DX4/ Pentium Overdrive
<b>Processor Speed</b>	25/33/40/50(internal)/50/66(internal)MHz
<b>Chip Set</b>	VIA
<b>Max. Onboard DRAM</b>	64MB
<b>Cache</b>	64/128/256KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit VESA local bus slot, floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Green power supply connector	J1	Serial port 2	CN5
IDE interface LED	J5	Parallel port	CN6
Turbo LED	J9	VGA port	CN7
Turbo switch	J10	VGA feature connector	CN8
Reset switch	J11	IDE drive interface	CN9
Power LED & keylock	J12	Floppy drive interface	CN10
Speaker	J13	Daughter board connector	CN11
PS/2 mouse port	CN3		
Serial port 1	CN4	32-bit VESA Local bus slot	SL1

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í HDD IOCHRDY disabled	J2	Open
HDD IOCHRDY enabled	J2	Closed
í HDD BALE disabled	J3	Open
HDD BALE enabled	J3	Closed
í Non Intel SL-enhanced CPU	J4, J16, JX5	pins 1 & 2 closed
Intel SL-enhanced CPU	J4, J16, JX5	pins 2 & 3 closed
í CMOS memory normal operation	J7	Open
CMOS memory clear	J7	Closed
í Factory configured - do not alter	J8	pins 1 & 2 closed
í Adaptec ISA master 1542B/C SCSI (transfer rate <5.7 MB/s)	J14	Open
Adaptec ISA master 1542B/C SCSI (transfer rate >5.7 MB/s)	J14	Closed
í Intel DX4 clock select (3X)	JC6	Open
Intel DX4 clock select (2.5X)	JC6	pins 1 & 2 closed
Intel DX4 clock select (2X)	JC6	pins 2 & 3 closed
í Pentium Overdrive write back enabled	JC7	Closed
Pentium Overdrive write through enabled	JC7	Open
í Intel CPU installed	JC8	Closed
Cyrix CPU installed	JC8	Open
í IDE interface enabled	JD3	pins 1 & 2 closed
IDE interface disabled	JD3	pins 2 & 3 closed
í Onboard VGA enabled	JV1, JV2	pins 2 & 3 closed
Onboard VGA disabled	JV1, JV2	pins 1 & 2 closed
í VGA IRQ9 disabled	JV3	Open
VGA IRQ9 enabled	JV3	Closed
í DX33 CPU installed	JV4/11 & 12	Open
DX50/DX4 CPU installed	JV4/11 & 12	Closed
í Intel SL enhanced CPU installed	JX4	pins 1 & 2 closed
Cyrix 486S/DX CPU installed	JX4	pins 2 & 3 closed

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) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JS1	JS2	JS3
64KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
128KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

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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
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36			
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 1M x 36	(1) 256K x 36	NONE	NONE
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	NONE
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) 2M x 36	NONE	NONE	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
12MB	(1) 2M x 36	(1) 1M x 36	NONE	NONE
12MB	NONE	(1) 2M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36			
16MB	(1) 4M x 36	NONE	NONE	NONE
16MB	(1) 2M x 36	(1) 1M x 36	NONE	(1) 1M x 36
16MB	(1) 1M x 36	(1) 2M x 36	(1) 1M x 36	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
17MB	(1) 4M x 36	(1) 256K x 36	NONE	NONE
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	NONE
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 1M x 36	NONE	NONE
21MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	NONE
22MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	NONE
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
33MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	NONE
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 8M x 36	(1) 4M x 36	NONE	NONE
48MB	NONE	(1) 8M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36			
64MB	(1) 8M x 36	(1) 4M x 36	NONE	(1) 4M x 36
64MB	(1) 4M x 36	(1) 8M x 36	(1) 4M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE

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CPU SPEED CONFIGURATION				
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

CPU TYPE CONFIGURATION				
CPU Type	JC1	JC2	JC3	JC4
486SX/P23S/CX486S	pins 2 & 3 closed	pins 2 & 3 closed	Open	pins 1 & 2 closed
CX486DX/486S-487S	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
P24S/P4S	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
80486DX/DX2/DX4	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
Pentium Overdrive	pins 1 & 2 closed	pins 1 & 2 closed	Closed	pins 2 & 3 closed
P24D	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 2 & 3 closed

CPU TYPE CONFIGURATION			
CPU Type	JC5	RC1	RC2
CX486S/DX	Open	Not installed	Installed
486SX/DX/DX2	Open	Not installed	Not Installed
P23S/P24S/P4S	Closed	Not installed	Not installed
P24D/P24CT/DX4	Closed	Installed	Not installed

HARD DRIVE SPEED SELECT		
Speed	JD1	JD2
Speed 0	pins 2 & 3 closed	pins 2 & 3 closed
Speed 1	pins 1 & 2 closed	pins 2 & 3 closed
Speed 2	pins 1 & 2 closed	pins 1 & 2 closed

Note: Used only with the Promise PDC20230 local bus IDE controller card.

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VESA WAIT STATE/BUS SPEED CONFIGURATION			
CPU speed	Wait states	JL1	JL2
< 33MHz	0 wait states	pins 1 & 2 closed	pins 1 & 2 closed
> 33MHz	1 wait state	pins 2 & 3 closed	pins 2 & 3 closed

800 x 600 REFRESH RATES		
Speed	JV4/1 & 2	JV4/3 & 4
56MHz (default)	Open	Open
56MHz	Closed	Closed
60MHz	Open	Closed
72MHz	Closed	Open

1024 x 768 REFRESH RATES		
Speed	JV4/5 & 6	JV4/7 & 8
Interlaced	Open	Open
60Hz non-interlaced	Open	Closed
70Hz non-interlaced	Closed	Open
72Hz non-interlaced	Closed	Closed

VIDEO FONT SETTINGS	
Font	JV4/9 & 10
Standard fonts	Open
TUV fonts	Closed

Note: TUV is the German standard for character spacing, and may not be compatible with some DOS applications.