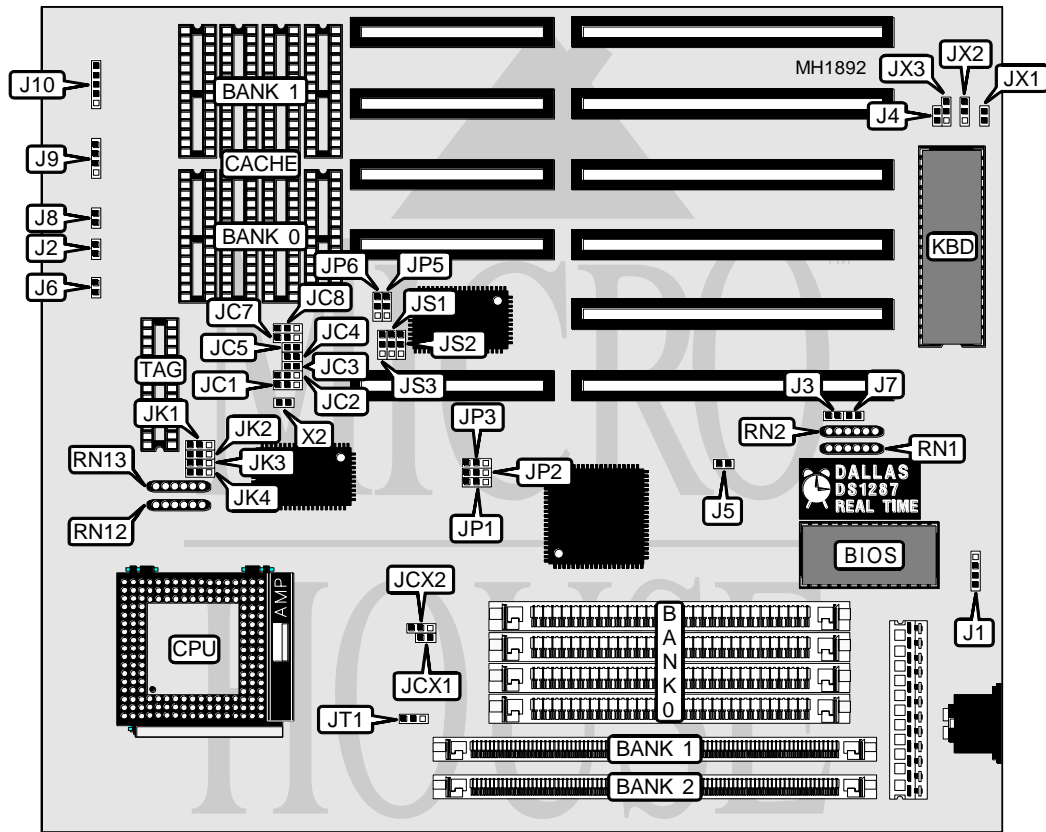


FIRST INTERNATIONAL COMPUTER, INC.

486 - G T

Processor	CX486S/CX487S/80486SL/80486SX/CX486DX/80486DX/ODP486SX/ 80486DX2/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)MHz
Chip Set	VIA
Max. Onboard DRAM	96MB
Cache	64/128/256KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	None
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Reset switch	J8
Turbo switch	J2	Speaker	J9
Green Power supply connector	J3	Power LED & keylock	J10
Turbo LED	J6		

Continued next page...

FIRST INTERNATIONAL COMPUTER, INC.

486 - G T

... continued from previous page.

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome, EGA or VGA	J4	Open
Monitor type select color	J4	Closed
í Adaptec ISA master installed	J5	Closed
Adaptec ISA master not installed	J5	Open
í CMOS memory normal operation	J7	Open
CMOS memory clear	J7	Closed
í Cyrix clock 2 x mode	JC8	pins 1 & 2 closed
Cyrix clock 1 x mode	JC8	pins 2 & 3 closed
í Factory configured - do not alter	JP1	pins 1 & 2 closed
í Factory configured - do not alter	JP3	pins 1 & 2 closed
í Pentium Overdrive write-back CPU installed	JT1	pins 1 & 2 closed
Pentium Overdrive write-through CPU installed	JT1	pins 2 & 3 closed
í Factory configured - do not alter	JX1	pins 1 & 2 closed

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

Continued next page...

FIRST INTERNATIONAL COMPUTER, INC.

486 - G T

... continued from previous page.

DRAM CONFIGURATION (CONT.)			
Size	Bank 0	Bank 1	Bank 2
17MB	(4) 256K x 9	(1) 16M x 36	NONE
17MB	(4) 256K x 9	NONE	(1) 16M x 36
17MB	NONE	(1) 1M x 36	(1) 16M x 36
17MB	NONE	(1) 16M x 36	(1) 1M x 36
17MB	(1) 4M x 9	(1) 1M x 36	NONE
17MB	(1) 4M x 9	NONE	(1) 1M x 36
18MB	(4) 256K x 9	(1) 1M x 36	(1) 16M x 36
18MB	(4) 256K x 9	(1) 16M x 36	(1) 1M x 36
18MB	(1) 4M x 9	(1) 1M x 36	(1) 1M x 36
20MB	(1) 1M x 9	(1) 16M x 36	NONE
20MB	(1) 1M x 9	NONE	(1) 16M x 36
20MB	(1) 4M x 9	(1) 4M x 36	NONE
20MB	(1) 4M x 9	NONE	(1) 4M x 36
20MB	NONE	(1) 4M x 36	(1) 16M x 36
20MB	NONE	(1) 16M x 36	(1) 4M x 36
21MB	(4) 256K x 9	(1) 4M x 36	(1) 16M x 36
21MB	(4) 256K x 9	(1) 16M x 36	(1) 4M x 36
21MB	(1) 1M x 9	(1) 1M x 36	(1) 16M x 36
21MB	(1) 1M x 9	(1) 16M x 36	(1) 1M x 36
21MB	(1) 4M x 9	(1) 1M x 36	(1) 4M x 36
21MB	(1) 4M x 9	(1) 4M x 36	(1) 1M x 36
24MB	(1) 1M x 9	(1) 4M x 36	(1) 16M x 36
24MB	(1) 1M x 9	(1) 16M x 36	(1) 4M x 36
24MB	(1) 4M x 9	(1) 4M x 36	(1) 4M x 36
32MB	(1) 4M x 9	(1) 16M x 36	NONE
32MB	(1) 4M x 9	NONE	(1) 16M x 36
32MB	NONE	(1) 16M x 36	(1) 16M x 36
32MB	NONE	(1) 32M x 36	NONE
32MB	NONE	NONE	(1) 32M x 36
33MB	(4) 256K x 9	(1) 16M x 36	(1) 16M x 36
33MB	(1) 4M x 9	(1) 1M x 36	(1) 16M x 36
33MB	(1) 4M x 9	(1) 16M x 36	(1) 1M x 36
36MB	(1) 1M x 9	(1) 16M x 36	(1) 16M x 36
36MB	(1) 4M x 9	(1) 4M x 36	(1) 16M x 36
36MB	(1) 4M x 9	(1) 16M x 36	(1) 4M x 36
48MB	(1) 4M x 9	(1) 16M x 36	(1) 16M x 36
64MB	(1) 16M x 9	NONE	NONE
64MB	NONE	(1) 32M x 36	(1) 32M x 36
65MB	(1) 16M x 9	(1) 1M x 36	NONE
65MB	(1) 16M x 9	NONE	(1) 1M x 36
66MB	(1) 16M x 9	(1) 1M x 36	(1) 1M x 36
68MB	(1) 16M x 9	(1) 4M x 36	NONE
68MB	(1) 16M x 9	NONE	(1) 4M x 36
69MB	(1) 16M x 9	(1) 1M x 36	(1) 4M x 36
69MB	(1) 16M x 9	(1) 4M x 36	(1) 1M x 36

Continued next page...

FIRST INTERNATIONAL COMPUTER, INC.

486 - G T

... continued from previous page.

DRAM CONFIGURATION (CONT.)			
Size	Bank 0	Bank 1	Bank 2
72MB	(1) 16M x 9	(1) 4M x 36	(1) 4M x 36
80MB	(1) 16M x 9	(1) 16M x 36	NONE
80MB	(1) 16M x 9	NONE	(1) 16M x 36
81MB	(1) 16M x 9	(1) 1M x 36	(1) 16M x 36
81MB	(1) 16M x 9	(1) 16M x 36	(1) 1M x 36
84MB	(1) 16M x 9	(1) 4M x 36	(1) 16M x 36
84MB	(1) 16M x 9	(1) 16M x 36	(1) 4M x 36
96MB	(1) 16M x 9	(1) 16M x 36	(1) 16M 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) 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 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

CPU TYPE CONFIGURATION							
Type	JC1	JC2	JC3	JC4	JC5	JC7	JCX1
CX486S	2 & 3	2 & 3	Closed	Open	Open	1 & 2	Open
CX486S/CX487S	1 & 2	1 & 2	Closed	Open	Open	1 & 2	Closed
CX487S	1 & 2	1 & 2	Closed	Open	Open	1 & 2	Closed
80486SL	1 & 2	1 & 2	Closed	Open	Closed	1 & 2	Open
80486SX	2 & 3	2 & 3	Open	Open	Closed	1 & 2	Open
CX486DX	1 & 2	1 & 2	Closed	Open	Open	1 & 2	Closed
80486DX	1 & 2	1 & 2	Closed	Open	Closed	1 & 2	Open
ODP486SX	1 & 2	1 & 2	Closed	Open	Closed	1 & 2	Open
80486DX2	1 & 2	1 & 2	Closed	Open	Closed	1 & 2	Open
Pentium Overdrive	1 & 2	1 & 2	Open	Closed	Open	2 & 3	Open

Note: Pins designated should be in the closed position.

Continued next page...

FIRST INTERNATIONAL COMPUTER, INC.

486 - G T

... continued from previous page.

CPU TYPE CONFIGURATION (CONT.)					
Type	JCX2	JP2	JX2	RN12	RN13
CX486S	pins 2 & 3	pins 2 & 3	pins 2 & 3	Not installed	Installed
80486SL	pins 1 & 2	pins 2 & 3	pins 2 & 3	Installed	Not installed
80486SX	pins 1 & 2	pins 2 & 3	pins 2 & 3	Not installed	Not installed
CX486DX	pins 1 & 2	pins 2 & 3	pins 2 & 3	Not installed	Installed
80486DX	pins 1 & 2	pins 1 & 2	pins 1 & 2	Not installed	Not installed
ODP486SX	pins 1 & 2	pins 2 & 3	pins 2 & 3	Installed	Not installed
80486DX2	pins 1 & 2	pins 1 & 2	pins 1 & 2	Not installed	Not installed
Pentium Overdrive	pins 1 & 2	pins 1 & 2	pins 1 & 2	Installed	Not installed

Note: Pins designated should be in the closed position.

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

KEYBOARD CONTROL SELECT			
Keyboard	JX3	RN1	RN2
Internal	pins 2 & 3 closed	Not installed	Installed
External	pins 1 & 2 closed	Installed	Not installed

MISCELLANEOUS TECHNICAL NOTES
When U15 is installed JP5 and JP6 should be set to pins 2 & 3 closed.
When U15 is not installed, JP5 and JP6 should be set to pins 1 & 2 closed.
The exact location for U15 is unknown.
The exact function of X2 is unknown.