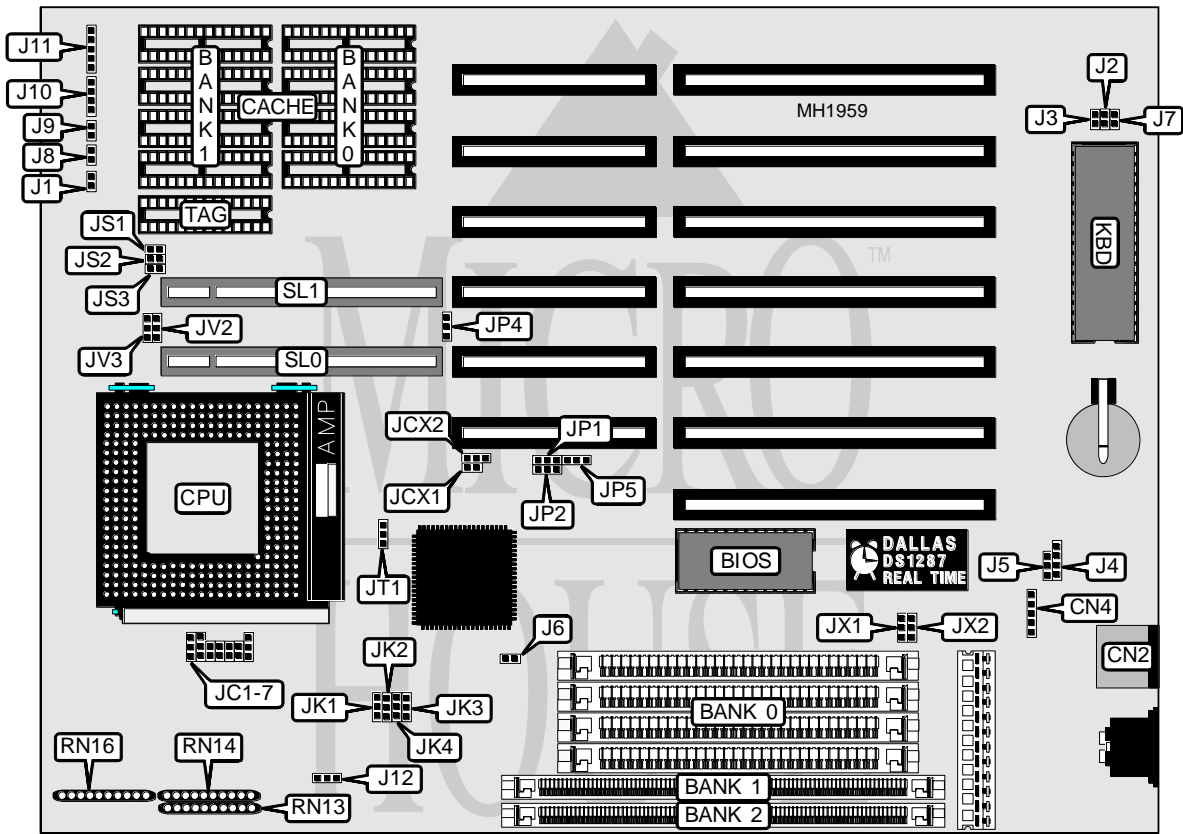


FIRST INTERNATIONAL COMPUTER, INC.

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Processor CX486S/80486SX/CX487S/CX486DX/80486DX/80486DX2/Pentium Overdrive
Processor Speed 25/33/50(internal)/50/66(internal)/66MHz
Chip Set VIA
Max. Onboard DRAM 96MB
Cache 64/128/256KB
BIOS AMI
Dimensions 259mm x 218mm
I/O Options 32-bit VESA local bus slots (2), PS/2 mouse port



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo switch	J1	Speaker	J10
Green power supply	J3	Power LED & keylock	J11
External battery	J4	PS/2 mouse port	CN2
Turbo LED	J8	Mouse connector	CN4
Reset switch	J9	32-bit VESA Local bus slots	SL0 & SL1

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome	J2	Open
Monitor type select color	J2	Closed
í CMOS memory normal operation (Internal Battery)	J5	pins 2 & 3 closed
CMOS memory normal operation (External Battery)	J5	pins 1 & 2 closed
í Transfer rate < 5.7MB/s	J6	Open
Adaptec ISA master SCSI card (transfer rate > 5.7MB/s)	J6	Closed
í CMOS memory normal operation	J7	Closed
CMOS memory clear	J7	Open
í Cyrix CPU 1X clock mode	J12	pins 2 & 3 closed
Cyrix CPU 2X clock mode	J12	pins 1 & 2 closed
80486SX/P23S/P4S/CX486S disabled	JC6	Closed
80486SX/P23S/P4S/CX486S enabled	JC6	Open
í Factory configured - do not alter	JP1	pins 1 & 2 closed
í IRQ 15 (regular CPU)	JP2,JX2	pins 1 & 2 closed
SMI (Cyrix/Intel S series)	JP2,JX2	pins 2 & 3 closed
í Local bus IDE interface disabled	JP4	pins 1 & 2 closed
Local bus IDE interface enabled (SL0 only)	JP4	pins 2 & 3 closed
í Factory configured - do not alter	JP5	pins 1 & 2 closed
P24T write back	JT1	pins 1 & 2 closed
P24T write through	JT1	pins 2 & 3 closed
í Intel S-series CPU	JCX1	Open
Cyrix CX486S/DX	JCX1	Closed
í Intel S-series CPU	JCX2	pins 1 & 2 closed
Cyrix CX486S/DX	JCX2	pins 2 & 3 closed
í CPU clock 1X	JX1	pins 1 & 2 closed
CPU clock 2X	JX1	pins 2 & 3 closed

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

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DRAM CONFIGURATION (continued)			
Size	Bank 0	Bank 1	Bank 2
5MB	NONE	(1) 1M x 36	(1) 256K x 36
6MB	(4) 256K x 9	(1) 1M x 36	(1) 256K x 36
6MB	(4) 256K x 9	(1) 256K x 36	(1) 1M x 36
6MB	(4) 1M x 9	(1) 256K x 36	(1) 256K x 36
8MB	(4) 1M x 9	(1) 1M x 36	NONE
8MB	(4) 1M x 9	NONE	(1) 1M x 36
8MB	NONE	(1) 1M x 36	(1) 1M x 36
9MB	(4) 256K x 9	(1) 1M x 36	(1) 1M x 36
9MB	(4) 1M x 9	(1) 256K x 36	(1) 1M x 36
9MB	(4) 1M x 9	(1) 1M x 36	(1) 256K x 36
12MB	(4) 1M x 9	(1) 1M x 36	(1) 256K x 36
16MB	(4) 4M x 9	NONE	NONE
16MB	NONE	(1) 4M x 36	NONE
16MB	NONE	NONE	(1) 4M x 36
17MB	(4) 256K x 9	(1) 4M x 36	NONE
17MB	(4) 256K x 9	NONE	(1) 4M x 36
17MB	NONE	(1) 256K x 36	(1) 4M x 36
17MB	NONE	(1) 4M x 36	(1) 256K x 36
17MB	(4) 4M x 9	(1) 256K x 36	NONE
17MB	(4) 4M x 9	NONE	(1) 256K x 36
18MB	(4) 256K x 9	(1) 256K x 36	(1) 4M x 36
18MB	(4) 256K x 9	(1) 4M x 36	(1) 256K x 36
18MB	(4) 4M x 9	(1) 256K x 36	(1) 256K x 36
20MB	(4) 1M x 9	(1) 4M x 36	NONE
20MB	(4) 1M x 9	NONE	(1) 4M x 36
20MB	(4) 4M x 9	(1) 1M x 36	NONE
20MB	(4) 4M x 9	NONE	(1) 1M x 36
20MB	NONE	(1) 1M x 36	(1) 4M x 36
20MB	NONE	(1) 4M x 36	(1) 1M x 36
21MB	(4) 256K x 9	(1) 1M x 36	(1) 4M x 36
21MB	(4) 256K x 9	(1) 4M x 36	(1) 1M x 36
21MB	(4) 1M x 9	(1) 256K x 36	(1) 4M x 36
21MB	(4) 1M x 9	(1) 4M x 36	(1) 256K x 36
21MB	(4) 4M x 9	(1) 256K x 36	(1) 1M x 36
21MB	(4) 4M x 9	(1) 1M x 36	(1) 256K x 36
24MB	(4) 1M x 9	(1) 1M x 36	(1) 4M x 36
24MB	(4) 1M x 9	(1) 4M x 36	(1) 1M x 36
24MB	(4) 4M x 9	(1) 1M x 36	(1) 1M x 36
32MB	(4) 4M x 9	(1) 4M x 36	NONE
32MB	(4) 4M x 9	NONE	(1) 4M x 36
32MB	NONE	(1) 4M x 36	(1) 4M x 36
33MB	(4) 256K x 9	(1) 4M x 36	(1) 4M x 36
33MB	(4) 4M x 9	(1) 256K x 36	(1) 4M x 36
33MB	(4) 4M x 9	(1) 4M x 36	(1) 256K x 36

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DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
36MB	(4) 4M x 9	(1) 4M x 36	(1) 256K x 36
36MB	(4) 4M x 9	(1) 256K x 36	(1) 4M x 36
48MB	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
64MB	(4) 16M x 9	NONE	NONE
65MB	(4) 16M x 9	(1) 1M x 36	NONE
65MB	(4) 16M x 9	NONE	(1) 1M x 36
66MB	(4) 16M x 9	(1) 1M x 36	(1) 1M x 36
68MB	(4) 16M x 9	(1) 1M x 36	NONE
68MB	(4) 16M x 9	NONE	(1) 1M x 36
69MB	(4) 16M x 9	(1) 1M x 36	(1) 1M x 36
69MB	(4) 16M x 9	(1) 1M x 36	(1) 1M x 36
72MB	(4) 16M x 9	(1) 1M x 36	(1) 1M x 36
80MB	(4) 16M x 9	(1) 4M x 36	NONE
80MB	(4) 16M x 9	NONE	(1) 4M x 36
81MB	(4) 16M x 9	(1) 1M x 36	(1) 1M x 36
81MB	(4) 16M x 9	(1) 1M x 36	(1) 4M x 36
81MB	(4) 16M x 9	(1) 4M x 36	(1) 1M x 36
84MB	(4) 16M x 9	(1) 1M x 36	(1) 4M x 36
84MB	(4) 16M x 9	(1) 4M x 36	(1) 1M x 36
96MB	(4) 16M x 9	(1) 4M x 36	(1) 4M 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			
CPU type	RN13	RN14	RN16
CX486S & 487S/DX	Not installed	Not installed	Installed
SX/DX/DX2	Not installed	Not installed	Not installed
P23S/P4S/P24S	Installed	Not installed	Not installed
P23S/P4S/CX486S	Not installed	Installed	Not installed

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CPU TYPE CONFIGURATION						
CPU type	JC1	JC2	JC3	JC4	JC5	JC7
CX486S	2 & 3	2 & 3	Closed	Open	Open	1 & 2
CX486S/487S	1 & 2	1 & 2	Closed	Open	Open	1 & 2
486SX/P23S	2 & 3	2 & 3	Open	Open	Closed	1 & 2
CX486DX	1 & 2	1 & 2	Closed	Open	Open	1 & 2
DX/DX2	1 & 2	1 & 2	Closed	Open	Closed	1 & 2
P24S/P4S	1 & 2	1 & 2	Closed	Open	Closed	1 & 2
P24T	1 & 2	1 & 2	Open	Closed	Open	2 & 3

Note: pins designated should be in the closed position.

CPU CLOCK SELECT				
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
50MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
66MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
80MHz	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
100MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

VESA WAIT STATE/BUS SPEED CONFIGURATION			
CPU speed	Wait states	JV2	JV3
< 33MHz	0 wait states	pins 1 & 2 closed	pins 1 & 2 closed
> 33MHz	1 wait state	pins 2 & 3 closed	pins 2 & 3 closed