FIRST INTERNATIONAL COMPUTER, INC.
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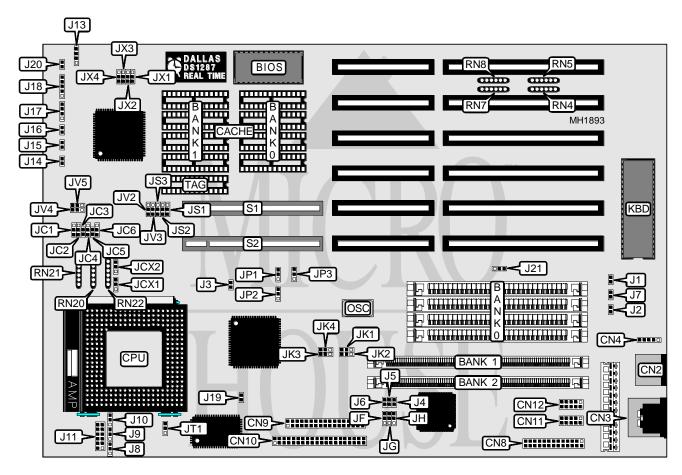|	
Processor	CX486S/80486SX/80486DX/80486DX2/80486DX4/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50MHz
Chip Set	VIA
Max. Onboard DRAM	96MB
Cache	64/128/256KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None

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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN2	External battery	J13
AT keyboard connector	CN3	Turbo LED	J14
PS/2 mouse pin connector	CN4	Turbo switch	J15
Parallel port	CN8	Reset switch	J16
Floppy drive interface	CN9	Speaker	J17
IDE interface	CN10	Power LED & keylock	J18
Serial port 1	CN11	Hardware sleep	J19
Serial port 2	CN12	Green status LED	J20
IDE interface LED	J6	32-bit VESA local bus slot	S1
3.3V Daughterboard connector	J11	32-bit VESA local bus slot	S2

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
i Factory configured - do not alter	J1	N/A
i Monitor type select color	J2	Closed
Monitor type select monochrome, EGA & VGA	J2	Open
i ISA master transfer rate for >5.7MB/sec.	J3	Closed
ISA master transfer rate for 5.0MB/sec.	J3	Open
i CMOS memory normal operation	J7	Open
CMOS memory clear	J7	Closed
i IDE interface enabled	J10	pins 1 & 2 closed
IDE interface disabled	J10	pins 2 & 3 closed
i Factory configured - do not alter	J21	pins 1 & 2 closed
i DX4 clock mode - 2X	JC6	pins 1 & 2 closed
DX4 clock mode - 2.5X	JC6	pins 2 & 3 closed
DX4 clock mode - 3X	JC6	Open
i Factory configured - do not alter	JF	pins 1 & 2 closed
i Factory configured - do not alter	JP1	N/A
i Factory configured - do not alter	JP3	pins 1 & 2 closed
i Pentium Overdrive write-back cache	JT1	pins 1 & 2 closed
Pentium Overdrive write-through cache	JT1	pins 2 & 3 closed
i Factory configured - do not alter	JX1	pins 1 & 2 closed

LOCAL ACTIVITY JUMPER CONFIGURATION		
Setting	JV4	JV5
i VGA or local IDE disabled	pins 1 & 2 closed	pins 1 & 2 closed
SL13 enabled	pins 2 & 3 closed	N/A
SL14 enabled	N/A	pins 2 & 3 closed

PARALLEL PORT DIRECTION CONFIGURATION		
Direction	JG	JH
Output	pins 1 & 2 closed	pins 2 & 3 closed
Intput	pins 1 & 2 closed	pins 1 & 2 closed
Bidirectional	pins 2 & 3 closed	N/A

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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) 1M x 36	NONE
4MB	NONE	NONE	(1) 1M 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) 4M x 36	NONE
5MB	(4) 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	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
8MB	(4) 1M x 9	(1) 4M x 36	NONE
8MB	(4) 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	(4) 1M x 9	(1) 1M x 36	(1) 4M x 36
9MB	(4) 1M x 9	(1) 4M x 36	(1) 1M x 36
12MB	(4) 1M x 9	(1) 4M x 36	(1) 4M x 36
16MB	(4) 4M x 9	NONE	NONE
16MB	NONE	(1) 16M x 36	NONE
16MB	NONE	NONE	(1) 16M x 36
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	(4) 4M x 9	(1) 1M x 36	NONE
17MB	(4) 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	(4) 4M x 9	(1) 1M x 36	(1) 1M x 36
20MB	(4) 1M x 9	(1) 16M x 36	NONE
20MB	(4) 1M x 9	NONE	(1) 16M x 36
20MB	(4) 4M x 9	(1) 4M x 36	NONE
20MB	(4) 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

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DRAM CONFIGURATION (CONT.)			
Size	Bank 0	Bank 1	Bank 2
21MB	(4) 256K x 9	(4) 4M x 9	(1) 16M x 36
21MB	(4) 256K x 9	(1) 16M x 36	(4) 4M x 9
21MB	(4) 1M x 9	(1) 1M x 36	(1) 16M x 36
21MB	(4) 1M x 9	(1) 16M x 36	(1) 1M x 36
21MB	(4) 4M x 9	(1) 1M x 36	(4) 4M x 9
21MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36
24MB	(4) 1M x 9	(1) 4M x 36	(1) 16M x 36
24MB	(4) 1M x 9	(1) 16M x 36	(1) 4M x 36
24MB	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
32MB	(4) 4M x 9	(1) 16M x 36	NONE
32MB	(4) 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) 16M x 36
33MB	(4) 256K x 9	(1) 16M x 36	(1) 16M x 36
33MB	(4) 4M x 9	(1) 1M x 36	(1) 16M x 36
33MB	(4) 4M x 9	(1) 16M x 36	(1) 1M x 36
36MB	(4) 1M x 9	(1) 16M x 36	(1) 16M x 36
36MB	(4) 4M x 9	(1) 4M x 36	(1) 16M x 36
36MB	(4) 4M x 9	(1) 16M x 36	(1) 4M x 36
48MB	(4) 4M x 9	(1) 16M x 36	(1) 16M x 36
64MB	(4) 16M x 9	NONE	NONE
64MB	NONE	(1) 32M x 36	(1) 32M x 36
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) 4M x 36	NONE
68MB	(4) 16M x 9	NONE	(1) 4M x 36
69MB	(4) 16M x 9	(1) 1M x 36	(1) 4M x 36
69MB	(4) 16M x 9	(1) 4M x 36	(1) 1M x 36
72MB	(4) 16M x 9	(1) 4M x 36	(1) 4M x 36
80MB	(4) 16M x 9	(1) 16M x 36	NONE
80MB	(4) 16M x 9	NONE	(1) 16M x 36
81MB	(4) 16M x 9	(1) 1M x 36	(1) 16M x 36
81MB	(4) 16M x 9	(1) 16M x 36	(1) 1M x 36
84MB	(4) 16M x 9	(1) 4M x 36	(1) 16M x 36
84MB	(4) 16M x 9	(1) 16M x 36	(1) 4M x 36
96MB	(4) 16M x 9	(1) 16M x 36	(1) 16M x 36

IDE CONFIGURATION		
Setting	J4	J5
Pin 27 link to IOCHRDY signal	Closed	Closed
Pin 27 open	Open	Open

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KEYBOARD CONTROLLER SELECTION						
Type	JX3	JX4	RN4	RN5	RN7	RN8
Internal w/ PS/2 mouse	2 & 3	2 & 3	Not installed	Not installed	Not installed	Installed
Internal w/out PS/2	2 & 3	1 & 2	Not installed	Installed	Not installed	Not installed
External	1 & 2	1 & 2	Installed	Not installed	Installed	Not installed
Note: Pins designated should be in the closed position.						

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	RN20	RN21	RN22
CX486S	2 & 3	2 & 3	Open	1 & 2	Open	Open	Closed	Open	Open
CX486S & CX487S	1 & 2	1 & 2	Open	1 & 2	N/A	Open	N/A	N/A	N/A
CX486DX	1 & 2	1 & 2	Open	1 & 2	Open	Open	Closed	Open	Open
80486SX	2 & 3	2 & 3	Open	1 & 2	Open	Closed	Open	Open	Open
80486DX	1 & 2	1 & 2	Open	1 & 2	Open	Closed	Closed	Open	Open
80486DX2	1 & 2	1 & 2	Open	1 & 2	Open	Closed	Closed	Open	Open
AMD486DXL	1 & 2	1 & 2	Open	1 & 2	Open	Closed	Open	Open	Closed
80486DX4	1 & 2	1 & 2	Open	1 & 2	Closed	Closed	Open	Open	Closed
Pentium Overdrive	1 & 2	1 & 2	Closed	2 & 3	Closed	Closed	Open	Open	Open
Note: Pins designated should be in the closed position.									

CPU TYPE CONFIGURATION (CONT.)				
Type	JCX1	JCX2	JP2	JX2
Intel	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
Cyrix	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
Any other	N/A	N/A	pins 1 & 2 closed	pins 1 & 2 closed

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

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LOCAL IDE SPEED CONFIGURATION		
Speed	J8	J9
Normal	pins 2 & 3 closed	pins 2 & 3 closed
Medium	pins 1 & 2 closed	pins 2 & 3 closed
Fast	pins 1 & 2 closed	pins 1 & 2 closed

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