INTERLOGIC INDUSTRIES
ESC486 SINGLE BOARD COMPUTER

Processor	80486SX/80486DX/80486DX2/Pentium Overdrive
Processor Speed	16/25/33/50(internal)/50/66(internal)MHz
Chip Set	IMS
Max. Onboard DRAM	128MB
Cache	32/64/128/256/512/1024KB
BIOS	AMI
Dimensions	312mm x 122mm
I/O Options	PS/2 mouse port
NPU Options	None
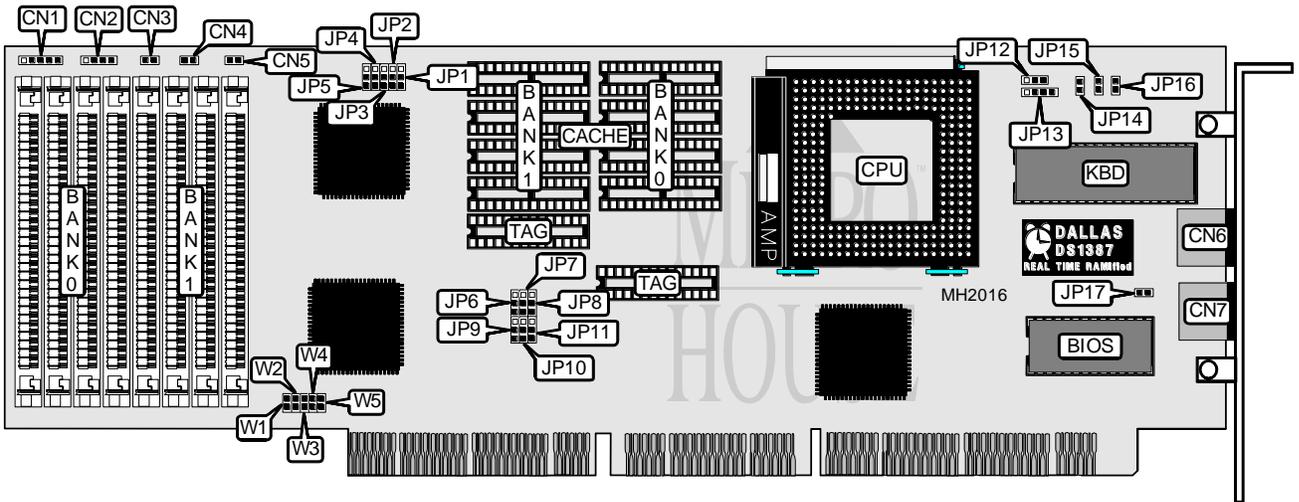
CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	CN1	Turbo LED	CN5
Speaker	CN2	PS/2 mouse port	CN6
Reset switch	CN3	Keyboard port	CN7
Turbo switch	CN4		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í PS/2 mouse interrupt enabled	JP15	Closed
PS/2 mouse interrupt disabled	JP15	Open
í Monitor type select monochrome	JP16	Open
Monitor type select color	JP16	Closed
í Factory configured - do not alter	JP17	Open

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DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE
128MB	(4) 16M x 9	(4) 16M x 9

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
32KB	(4) 8K x 8	NONE	(2) 16K x 4
64KB	(4) 8K x 8	(4) 8K x 8	(2) 16K x 4
128KB	(4) 32K x 8	NONE	(2) 16K x 4
256KB	(4) 32K x 8	(4) 32K x 8	(2) 16K x 4
512KB	(4) 128K x 8	NONE	(2) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(2) 32K x 8

CACHE JUMPER CONFIGURATION						
Size	JP1	JP2	JP3	JP4	JP5	JP6
32KB	2 & 3	2 & 3	N/A	N/A	1 & 2	1 & 2
64KB	1 & 2	1 & 2	N/A	N/A	1 & 2	1 & 2
128KB	2 & 3	1 & 2	2 & 3	N/A	2 & 3	2 & 3
256KB	1 & 2	1 & 2	1 & 2	N/A	2 & 3	2 & 3
512KB	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
1MB	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
Note: Pins designated should be in the closed position.						

CACHE JUMPER CONFIGURATION (CON'T)					
Size	JP7	JP8	JP9	JP10	JP11
32KB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
64KB	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
128KB	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
256KB	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
512KB	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
1MB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

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CPU TYPE CONFIGURATION			
Type	JP12	JP13	JP14
80486SX	N/A	pins 2 & 3 closed	Open
80486DX/DX2	pins 2 & 3 closed	pins 1, 2, 3 & 4 closed	Open
Pentium Overdrive	pins 1 & 2 closed	pins 1, 2, 3 & 4 closed	Closed

CPU SPEED CONFIGURATION					
Speed	W1	W2	W3	W4	W5
16MHz	Closed	Open	Open	Closed	Open
25MHz	Open	Open	Closed	Closed	Open
33MHz	Open	Open	Closed	Open	Open
50iMHZ	Open	Open	Closed	Closed	Open
66iMHz	Open	Open	Closed	Open	Open
Overdrive	Closed	Open	Closed	Closed	Closed