LION COMPUTERS, INC.
486-SUPER EISA/VP

Processor	80486SX/80487SX/80486DX/ODP486SX/80486DX2/ODP586SX
Processor Speed	16/20/25/33/40/50(internal)/50/66(internal)MHz
Chip Set	SIS
Max. onboard DRAM	256MB
Cache	256/512/1024KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit VESA card slot
NPU Options	None
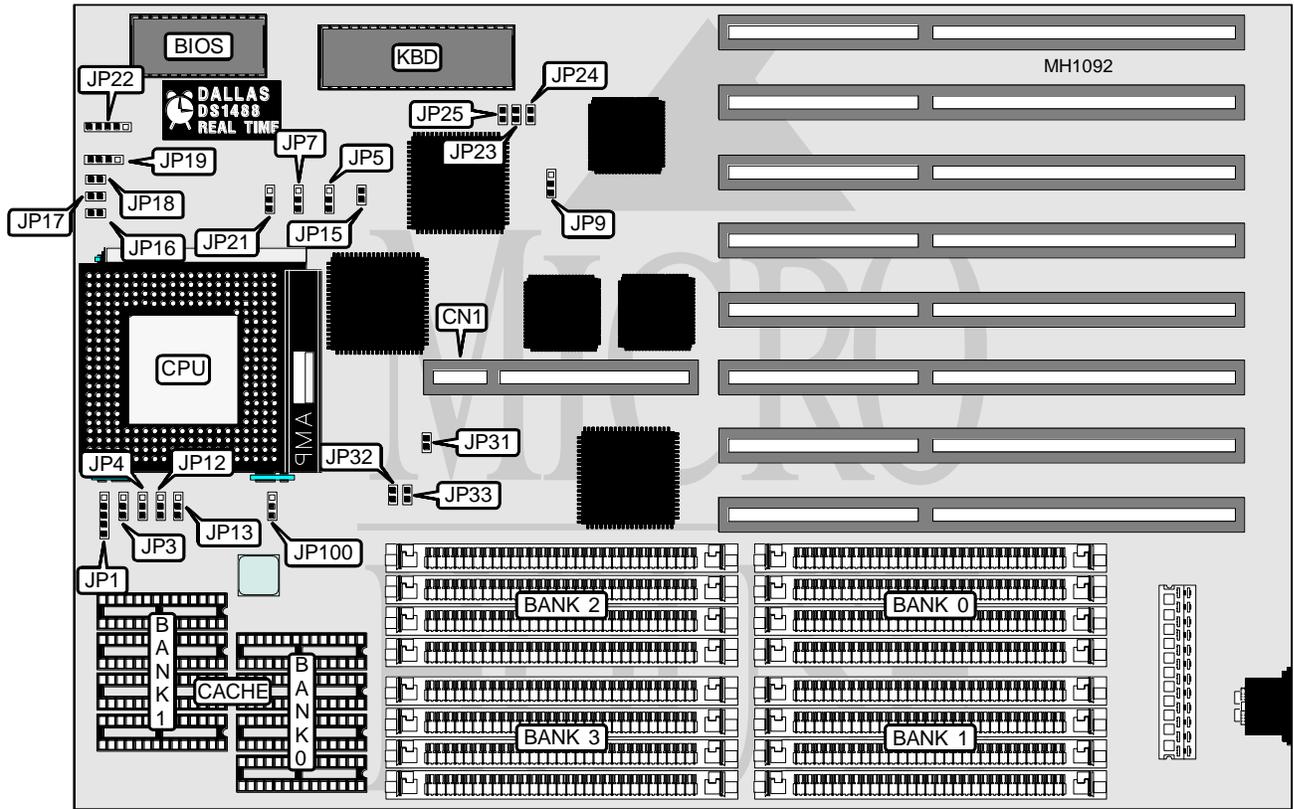
CONNECTIONS			
Purpose	Location	Purpose	Location
32-bit VESA card	CN1	Reset switch	JP18
Turbo LED	JP16	Speaker	JP19
Turbo switch	JP17	Power LED & keylock	JP22

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP9	pins 1 & 2 closed
í Factory configured - do not alter	JP21	pins 1 & 2 closed
í Factory configured - do not alter	JP23	Closed
í Monitor type select monochrome	JP24	Closed
Monitor type select color	JP24	Open
í Password check normal operation	JP25	Open
Password clear	JP25	Closed
í Factory configured - do not alter	JP31	Closed
í Factory configured - do not alter (VESA host ID select)	JP32	Closed
í Factory configured - do not alter (VESA host ID select)	JP33	Closed
í Factory configured - do not alter	JP100	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
4MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE	NONE	NONE
6MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
10MB	(4) 256K x 9	(4) 256K x 9	(4) 1M x 9	(4) 1M x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
16MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE	NONE	NONE
18MB	(4) 256K x 9	(4) 256K x 9	(4) 4M x 9	NONE
20MB	(4) 1M x 9	(4) 4M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(4) 4M x 9	(4) 4M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE	NONE	NONE
128MB	(4) 16M x 9	(4) 16M x 9	NONE	NONE
192MB	(4) 16M x 9	(4) 16M x 9	(4) 16M x 9	NONE
256MB	(4) 16M x 9	(4) 16M x 9	(4) 16M x 9	(4) 16M x 9

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CACHE CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(4) 32K x 8	(4) 32K x 8
512KB	(4) 128K x 8	NONE
1024KB	(4) 128K x 8	(4) 128K x 8

CACHE JUMPER CONFIGURATION					
Size	JP1	JP3	JP4	JP12	JP13
256KB	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
512KB	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
1024KB	4 & 5	2 & 3	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION			
Type	JP5	JP7	JP15
80486SX	Open	pins 2 & 3 closed	Open
80487SX	pins 2 & 3 closed	pins 1 & 2 closed	Closed
ODP486SX	pins 2 & 3 closed	pins 1 & 2 closed	Closed
80486DX	pins 1 & 2 closed	pins 1 & 2 closed	Closed
80486DX2	pins 1 & 2 closed	pins 1 & 2 closed	Closed
ODP586SX	pins 1 & 2 closed	pins 1 & 2 closed	Closed
Note: The ODP586SX chip is not supported by earlier revisions of this system board.			