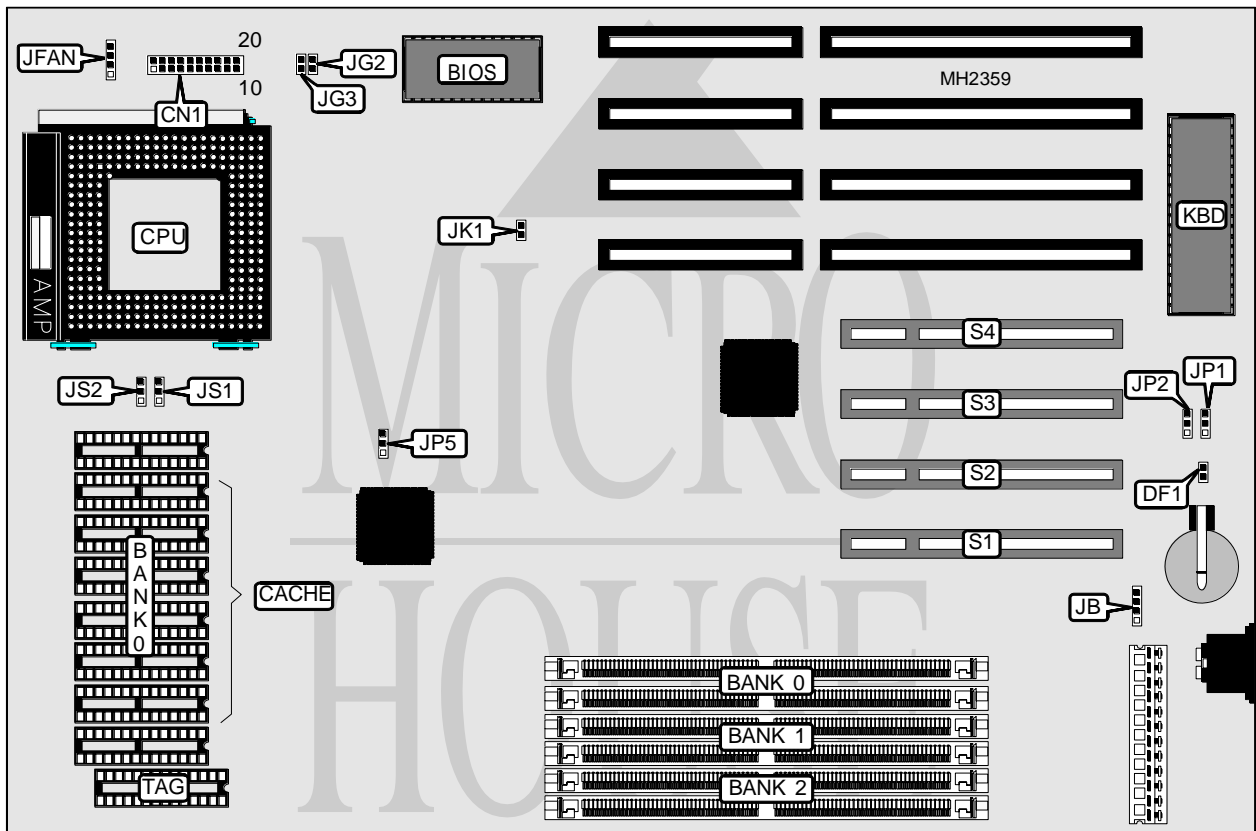


LION COMPUTERS, INC.

NICE GREEN PENTIUM PCI/ISA 60/66

Processor	Pentium
Processor Speed	60/66MHz
Chip Set	ALI
Max. Onboard DRAM	192MB
Cache	256/512/1024KB
BIOS	AMI
Dimensions	326mm x 215mm
I/O Options	32-bit PCI slots (4), Green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Keylock	CN1 (pins 1 - 2)	External battery	JB
Power LED	CN1 (pins 3 & 5)	Chassis fan power	JFAN
Speaker	CN1 (pins 7 - 10)	Green PC LED	JG2
Turbo LED	CN1 (pins 12 - 13)	Green PC connector	JG3
Turbo switch	CN1 (pins 15 - 17)	32-bit PCI slots	S1 - S4
Reset switch	CN1 (pins 19 - 20)		

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NICE GREEN PENTIUM PCI/ISA 60/66

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	DF1	N/A
í CMOS memory normal operation	JB	pins 2 & 3 closed
CMOS memory clear	JB	pins 3 & 4 closed
í Power good signal detect from board	JP1	pins 2 & 3 closed
Power good signal detect from power supply	JP1	pins 1 & 2 closed
í Flash BIOS voltage select 5 Volts	JP2	pins 2 & 3 closed
Flash BIOS voltage select 12 Volts	JP2	pins 1 & 2 closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	(2) 512K x 36	NONE	NONE
8MB	(2) 512K x 36	(2) 512K x 36	NONE
8MB	(2) 1M x 36	NONE	NONE
12MB	(2) 512K x 36	(2) 512K x 36	(2) 512K x 36
12MB	(2) 1M x 36	(2) 512K x 36	NONE
16MB	(2) 1M x 36	(2) 512K x 36	(2) 512K x 36
16MB	(2) 1M x 36	(2) 1M x 36	NONE
16MB	(2) 2M x 36	NONE	NONE
20MB	(2) 1M x 36	(2) 1M x 36	(2) 512K x 36
20MB	(2) 2M x 36	(2) 512K x 36	NONE
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 512K x 36	(2) 512K x 36
24MB	(2) 2M x 36	(2) 1M x 36	NONE
28MB	(2) 2M x 36	(2) 1M x 36	(2) 512K x 36
32MB	(2) 2M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	NONE
32MB	(2) 4M x 36	NONE	NONE
36MB	(2) 2M x 36	(2) 2M x 36	(2) 512K x 36
36MB	(2) 4M x 36	(2) 512K x 36	NONE
40MB	(2) 2M x 36	(2) 2M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 512K x 36	(2) 512K x 36
40MB	(2) 4M x 36	(2) 1M x 36	NONE
44MB	(2) 4M x 36	(2) 1M x 36	(2) 512K x 36
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36	NONE
52MB	(2) 4M x 36	(2) 2M x 36	(2) 512K x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 4M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	NONE
64MB	(2) 8M x 36	NONE	NONE
68MB	(2) 4M x 36	(2) 4M x 36	(2) 512K x 36
68MB	(2) 8M x 36	(2) 512K x 36	NONE

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NICE GREEN PENTIUM PCI/ISA 60/66

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DRAM CONFIGURATION (continued)			
Size	Bank 0	Bank 1	Bank 2
72MB	(2) 4M x 36	(2) 4M x 36	(2) 1M x 36
72MB	(2) 8M x 36	(2) 512K x 36	(2) 512K x 36
72MB	(2) 8M x 36	(2) 1M x 36	NONE
76MB	(2) 8M x 36	(2) 1M x 36	(2) 512K x 36
80MB	(2) 4M x 36	(2) 4M x 36	(2) 2M x 36
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36	NONE
84MB	(2) 8M x 36	(2) 2M x 36	(2) 512K x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36	NONE
100MB	(2) 8M x 36	(2) 4M x 36	(2) 512K x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	NONE
132MB	(2) 8M x 36	(2) 8M x 36	(2) 512K x 36
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
144MB	(2) 8M x 36	(2) 8M x 36	(2) 2M x 36
160MB	(2) 8M x 36	(2) 8M x 36	(2) 4M x 36

Note: DRAM max is limited to 160MB due to chipset limitations. Only 2 32MB SIMMs may be in place at any given time.

CACHE CONFIGURATION		
Size	Bank 0	Tag
256KB	(8) 32K x 8	8,16,or 32K x 8
512KB	(8) 64K x 8	16,or 32K x 8
1MB	(8) 128K x 8	32K x 8

CACHE JUMPER CONFIGURATION		
Size	JS1	JS2
256KB	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 1 & 2 closed
1MB	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION	
Speed	JK1
60MHz	Open
66MHz	Closed

ADS SIGNAL DELAY	
Setting	JP5
Disabled (0 wait)	pins 1 & 2 closed
Enabled (1 wait)	pins 2 & 3 closed

MISCELLANEOUS TECHNICAL NOTE

Note: The Pentium chip runs extremely hot, always use a heat sink.