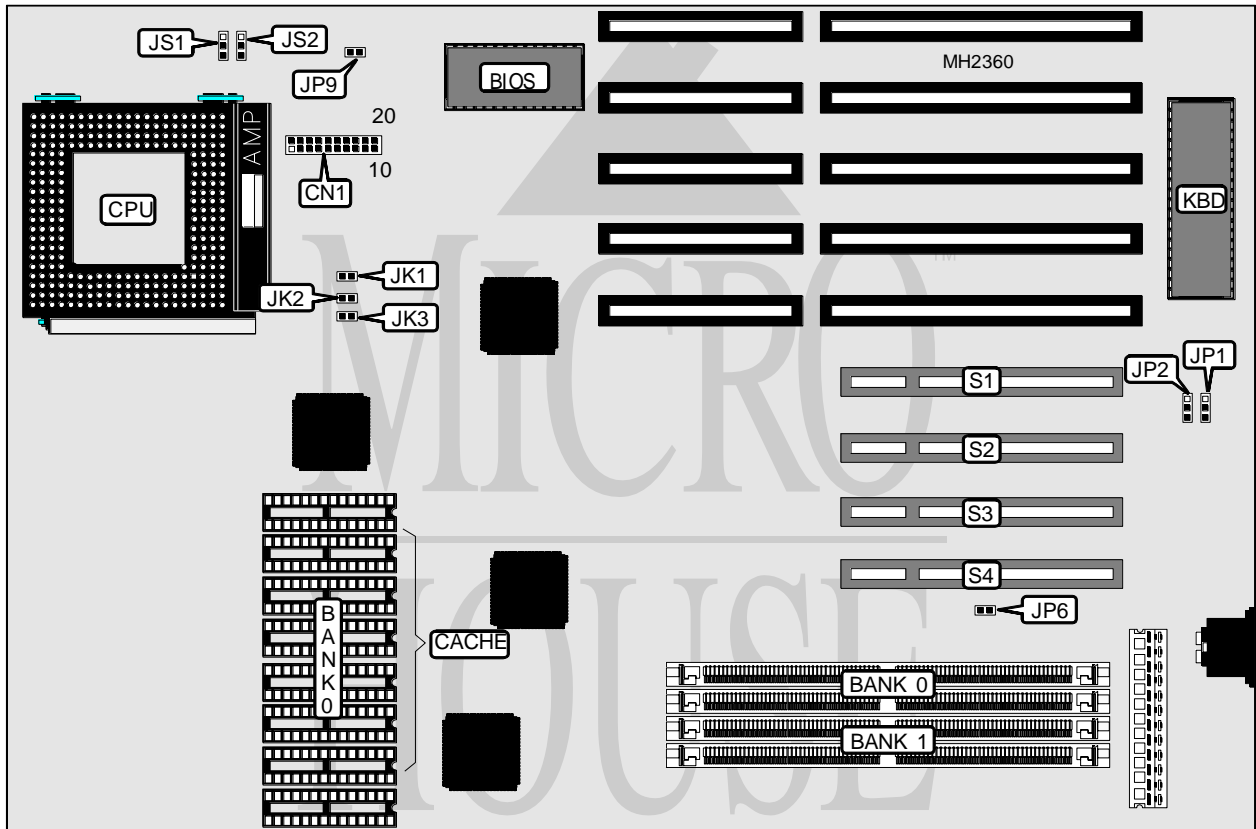


# LION COMPUTERS, INC. NICE PENTIUM PCI/ISA 90/100

<b>Processor</b>	Pentium
<b>Processor Speed</b>	90/100MHz
<b>Chip Set</b>	Intel
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	326mm x 215mm
<b>I/O Options</b>	32-bit PCI slots (4)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Keylock	CN1 (pins 1 - 2)	Turbo switch	CN1 (pins 15 - 17)
Power LED	CN1 (pins 3 & 5)	Reset switch	CN1 (pins 19 - 20)
Speaker	CN1 (pins 7 - 10)	32-bit PCI bus slots	S1 - S4
Turbo LED	CN1 (pins 12 - 13)		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JK3	N/A
í Slot 1/edge trigger INT select level	JP1	pins 2 & 3 closed
Slot 1/edge trigger INT select edge	JP1	pins 1 & 2 closed
í Slot 2/edge trigger INT select level	JP2	pins 2 & 3 closed
Slot 2/edge trigger INT select edge	JP2	pins 1 & 2 closed
í NCR 83C810 installed in slot 1	JP6	Closed
NCR 83C810 not installed	JP6	Open
í CMOS memory normal operation	JP9	Open
CMOS memory clear	JP9	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
4MB	(2) 512K x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
12MB	(2) 1M x 36	(2) 512K x 36
16MB	(2) 1M x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
20MB	(2) 2M x 36	(2) 512K x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
36MB	(2) 4M x 36	(2) 512K x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
68MB	(2) 8M x 36	(2) 512K x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION	
Size	Bank 0
256KB	(8) 32K x 8
512KB	(8) 64K x 8

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

CPU SPEED CONFIGURATION		
Speed	JK1	JK2
90MHz	Closed	Closed
100MHz	Open	Closed

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