LION COMPUTERS, INC.
NICE PLUS 486 DX/SX-50

Processor	80486SX/80487SX/80486DX
Processor Speed	16/20/25/33/50MHz
Chip Set	ETEQ
Max. Onboard DRAM	32MB
Cache	64/256KB
BIOS	AMI/MR/Phoenix
Dimensions	330mm x 218mm
I/O Options	32-bit external memory card slot
NPU Options	4167
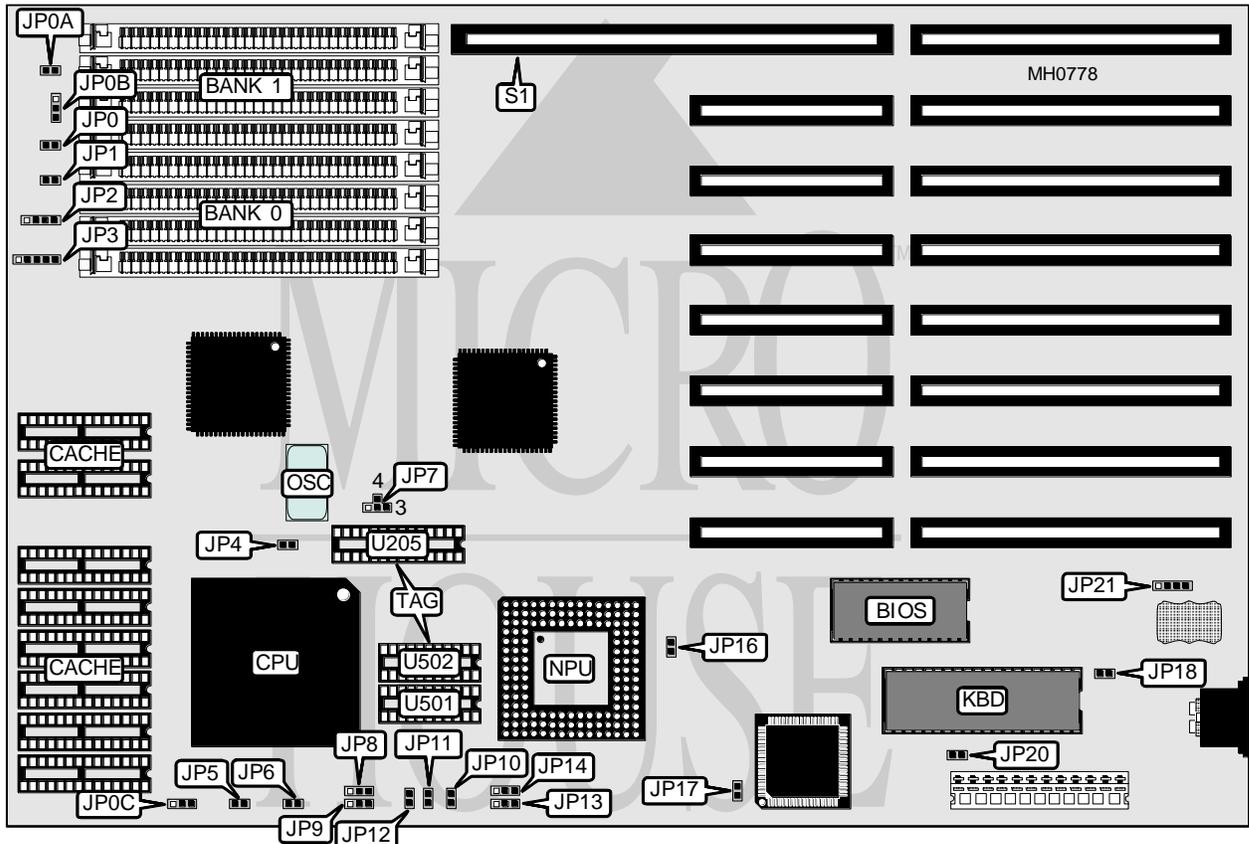
CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	JP0	Power LED & keylock	JP3
Turbo switch	JP0A	External battery	JP21
Reset switch	JP1	32-bit external memory card	S1
Speaker	JP2		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í NPU wait states select 0	JP16	Open
NPU wait state select 1	JP16	Closed
í CMOS memory normal operation	JP17	Open
CMOS memory clear	JP17	Closed
í Factory configured - do not alter	JP18	Closed
í Monitor type select color	JP20	Closed
Monitor type select monochrome	JP20	Open

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
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 256K x 9	(4) 4M x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION			
Size	Bank 0	TAG	Location
64KB	(8) 8K x 8	(1) 8K x 8	U205
64KB	(8) 8K x 8	(2) 16K x 4	U501 & U502
256KB	(8) 32K x 8	(2) 16K x 4	U501 & U502

CACHE JUMPER CONFIGURATION					
Size	JP10	JP11	JP12	JP13	JP14
64KB	Open	Open	Open	2 & 3	2 & 3
256KB	Closed	Closed	Closed	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU TYPE CONFIGURATION				
Type	JP5	JP6	JP8	JP9
80486SX	Open	Open	pins 1 & 2 closed	Open
80487SX	Closed	Closed	pins 2 & 3 closed	pins 1 & 2 closed
80486DX	Open	Closed	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION				
Speed	JP0B	JP0C	JP4	JP7
16MHz	pins 1 & 2 closed	pins 1 & 2 closed	Closed	pins 1 & 2 closed
20MHz	pins 1 & 2 closed	pins 1 & 2 closed	Closed	pins 1 & 2 closed
25MHz	pins 2 & 3 closed	pins 1 & 2 closed	Closed	pins 1 & 2 closed
33MHz	pins 2 & 3 closed	pins 1 & 2 closed	Open	pins 1 & 2 closed
50MHz	pins 2 & 3 closed	pins 2 & 3 closed	Open	pins 2 & 4 closed