MYLEX CORPORATION
MSI/MDI486 SYSTEM BOARD

Processor	80486SX/80487SX/80486DX
Processor Speed	20/25/33MHz
Chip Set	OPTI
Max. Onboard DRAM	32MB
Cache	64/256KB
BIOS	Mylex
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, IDE interface, parallel port, serial ports (2)
NPU Options	4167
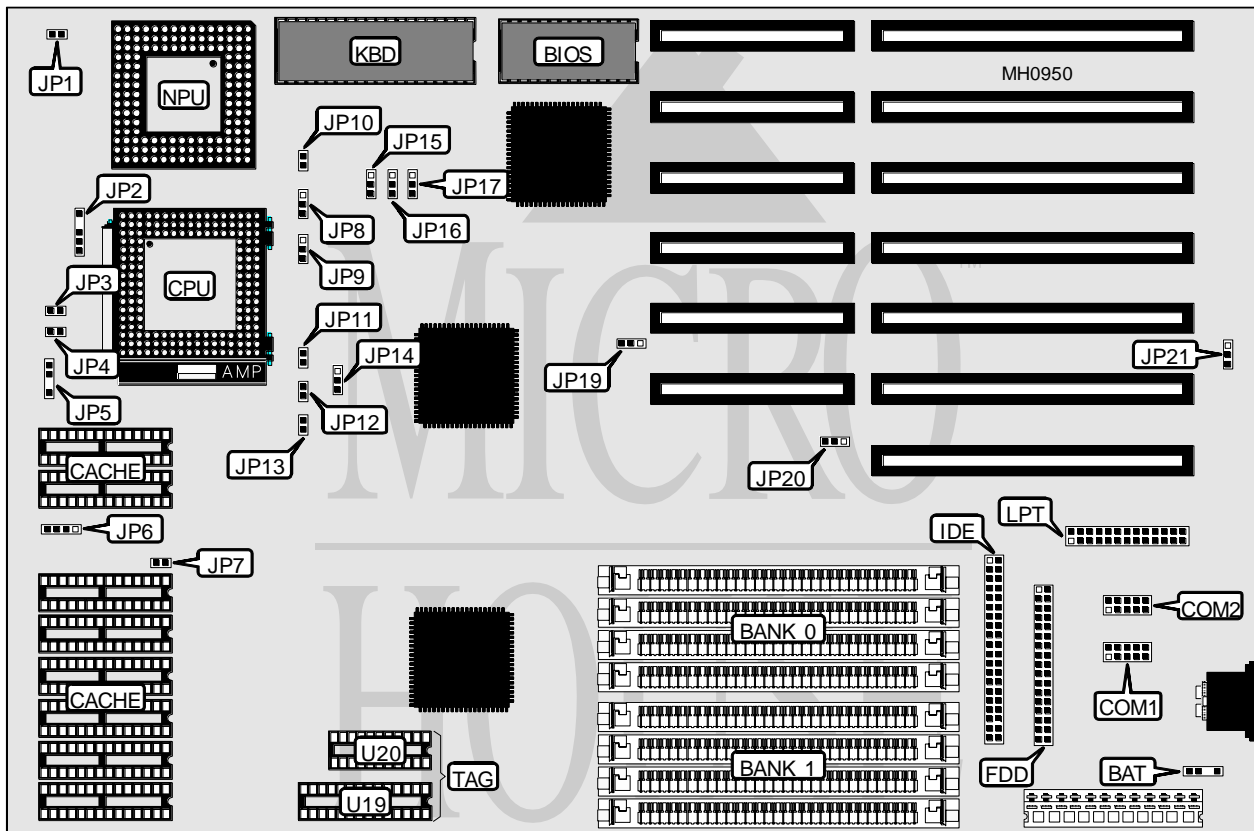
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	BAT	Turbo LED	JP3
Serial port 2	COM2	Reset switch	JP4
Serial port 1	COM1	Speaker	JP5
Floppy drive interface	FDD	IDE interface LED	JP6
IDE interface	IDE	Parallel port	LPT
Power LED & keylock	JP2		

MYLEX CORPORATION
MSI/MDI486 SYSTEM BOARD

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	JP1	Closed
Monitor type select monochrome	JP1	Open
í Parallel port select LPT1 interrupt IRQ7	JP19	pins 2 & 3 closed
Parallel port select LPT2 interrupt IRQ5	JP19	pins 1 & 2 closed
í On-board interface ports enabled	JP20	pins 1 & 2 closed
On-board interface ports disabled	JP20	pins 2 & 3 closed
í Battery type select internal	JP21	pins 2 & 3 closed
Battery type select external	JP21	Open
CMOS memory clear	JP21	pins 1 & 2 closed

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

CACHE CONFIGURATION			
Size	Bank 0	TAG (U19)	TAG (U20)
64KB	(8) 8K x 8	(1) 8K x 8	(1) 64K x 1
256KB	(8) 32K x 8	(1) 32K x 8	(1) 64K x 1

CACHE JUMPER CONFIGURATION				
Size	JP7	JP11	JP12	JP13
64KB	Open	Open	Open	Open
256KB	Closed	Closed	Open	Closed

CPU TYPE CONFIGURATION			
Type	JP8	JP9	JP10
80486SX	Open	pins 2 & 3 closed	Open
80487SX	pins 2 & 3 closed	pins 1 & 2 closed	Closed
80486DX	pins 1 & 2 closed	pins 1 & 2 closed	Closed

CPU SPEED CONFIGURATION				
Speed	JP14	JP15	JP16	JP17
20MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
25MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
33MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed