TMC RESEARCH CORPORATION
P A T 3 8 X P L

Processor	80386SX
Processor Speed	16/20/25MHz
Chip Set	OPTI
Max. Onboard DRAM	12MB
Cache	None
BIOS	AMI
Dimensions	231mm x 218mm
I/O Options	None
NPU Options	80387SX
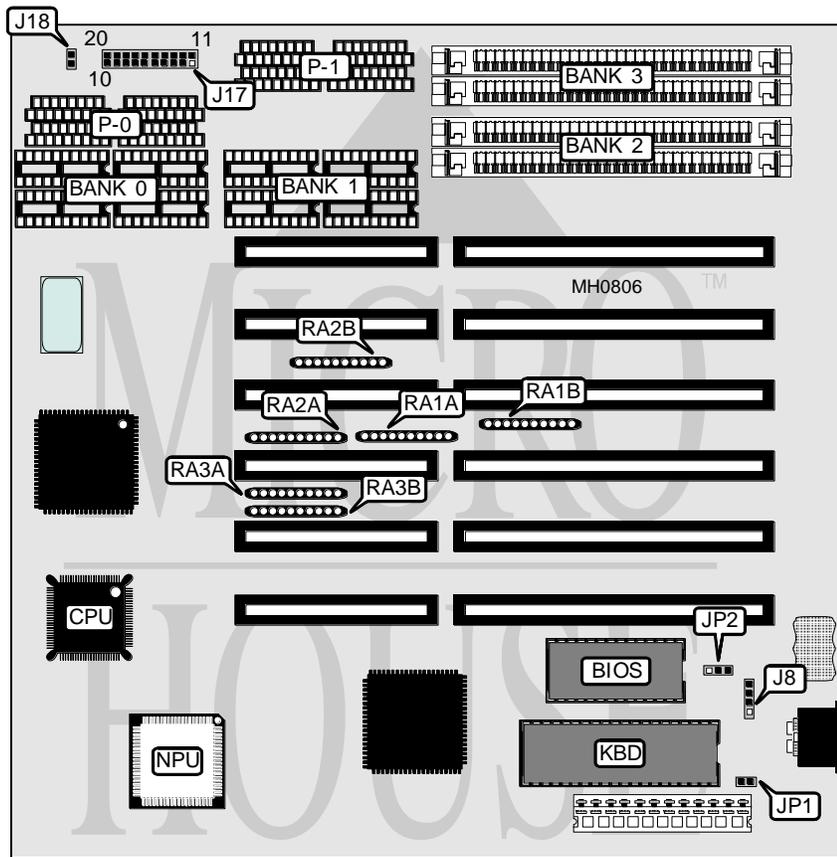
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J8	Reset switch	J17 pins 9 & 19
Speaker	J17 pins 1 - 4	IDE LED in	J17 pins 10 & 20
Turbo switch	J17 pins 7 & 17	Power LED & keylock	J17 pins 11 - 15
Turbo LED	J17 pins 8 & 18	IDE LED out	J18

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	JP1	Closed
Monitor type select monochrome	JP1	Open
í CMOS memory normal operation (internal battery)	JP2	pins 2 & 3 closed
CMOS memory normal operation (external battery at J8)	JP2	Open
CMOS memory clear	JP2	pins 1 & 2 closed

DRAM CONFIGURATION						
Size	Bank 0	P-0	Bank 1	P-1	Bank 2	Bank 3
512KB	(4) 44256	(2) 41256	NONE	NONE	NONE	NONE
512KB	NONE	NONE	NONE	NONE	(2) 256K x 9	NONE
1MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	NONE	NONE
1MB	NONE	NONE	NONE	NONE	(2) 256K x 9	(2) 256K x 9
2MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 256K x 9	(2) 256K x 9
2MB	(4) 441000	(2) 411000	NONE	NONE	NONE	NONE
2MB	NONE	NONE	NONE	NONE	(2) 1M x 9	NONE
3MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 1M x 9	NONE
3MB	(4) 441000	(2) 411000	NONE	NONE	(2) 256K x 9	(2) 256K x 9
4MB	(4) 441000	(2) 411000	(4) 441000	(2) 411000	NONE	NONE
4MB	NONE	NONE	NONE	NONE	(2) 1M x 9	(2) 1M x 9
5MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 1M x 9	(2) 1M x 9
5MB	(4) 441000	(2) 411000	(2) 411000	(2) 411000	(2) 256K x 9	(2) 256K x 9
6MB	(4) 441000	(2) 411000	(4) 441000	(2) 411000	(2) 1M x 9	NONE
6MB	(4) 441000	(2) 411000	NONE	NONE	(2) 1M x 9	(2) 1M x 9
8MB	(4) 441000	(2) 411000	(4) 441000	(2) 411000	(2) 1M x 9	(2) 1M x 9
9MB	(4) 44256	(2) 41256	(4) 44256	(2) 41256	(2) 4M x 9	NONE
12MB	(4) 441000	(2) 411000	(4) 441000	(2) 411000	(2) 4M x 9	NONE

DRAM RESISTOR CONFIGURATION		
Size	RA1A, RA2A, & RA3A	RA1B, RA2B, & RA3B
512KB	Installed	Not installed
512KB	Not installed	Installed
1MB	Installed	Not installed
1MB	Not installed	Installed
2MB	Installed	Not installed
2MB	Installed	Not installed
2MB	Not installed	Installed
3MB	Installed	Not installed
3MB	Not installed	Installed
4MB	Installed	Not installed
4MB	Not installed	Installed
5MB	Installed	Not installed
5MB	Not installed	Installed
6MB	Installed	Not installed
6MB	Not installed	Installed
8MB	Installed	Not installed
9MB	Installed	Not installed

12MB	Installed	Not installed