PINE TECHNOLOGY
P T - 3 1 1

Processor	80386DX
Processor Speed	33/40MHz
Chip Set	Unidentified
Max. Onboard DRAM	32MB
Cache	32/64/128/256KB
BIOS	AMI
Dimensions	220mm x 220mm
I/O Options	None
NPU Options	80387DX
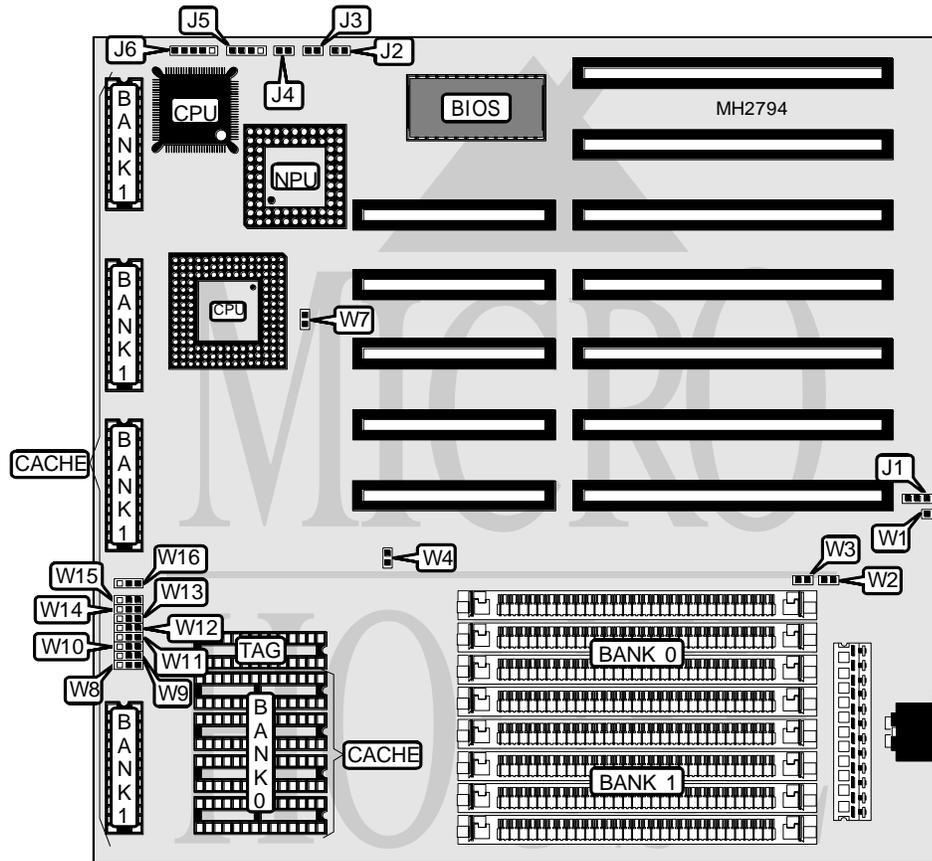
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Reset switch	J4
Turbo LED	J2	Speaker	J5
Turbo switch	J3	Power LED & keylock	J6

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	W1	Closed
Battery type select external	W1	Open
í Monitor type select color	W2	Closed
Monitor type select monochrome	W2	Open
í Factory configured - do not alter	W3	N/A
í Parity disabled	W16	pins 1 & 2 closed
Parity enabled	W16	pins 2 & 3 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) 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	Bank 1	TAG
32KB	(4) 8K x 8	NONE	(1) 8K x 8
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION								
Size	W8	W9	W10	W11	W12	W13	W14	W15
32KB	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2	Open
64KB	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	Open
128KB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
256KB	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.								

NPU CONFIGURATION		
Setting	W4	W7
Disabled	Open	Open
Enabled	Closed	Closed