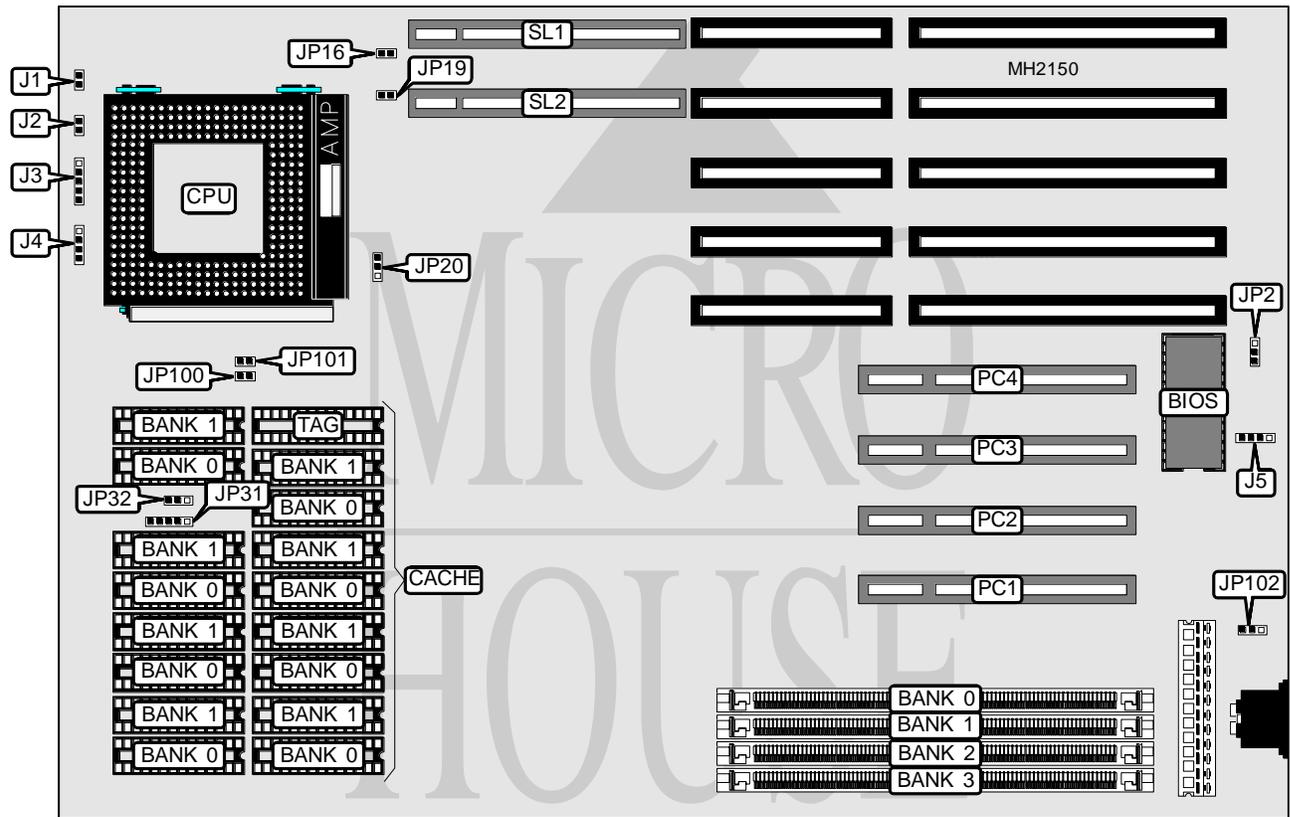


# FREE COMPUTER TECHNOLOGY, INC.

## 5 8 6 F 4 3 X

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100MHz
<b>Chip Set</b>	OPTI
<b>Max. Onboard DRAM</b>	128MB
<b>Cache</b>	256/512/1024/2048KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (4), 32-bit VESA local bus slots (2)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	J1	External battery	J5
Reset switch	J2	32-bit PCI slots	PC1 - PC4
Power LED & keylock	J3	32-bit VESA Local bus slots	SL1 & SL2
Speaker	J4		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP2	pins 2 & 3 closed
CMOS memory clear	JP2	pins 1 & 2 closed
í Memory size select 128MB installed	JP20	pins 2 & 3 closed
Memory size select 2MB - 96MB installed	JP20	pins 1 & 2 closed
í Normal BIOS installed	JP102	pins 1 & 2 closed
Flash BIOS installed	JP102	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
4MB	(1) 256K x 36			
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 512K x 36
8MB	(1) 512K x 36			
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 1M x 36			
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36
20MB	(1) 512K x 36	(1) 512K x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 2M x 36			
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
34MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36			
66MB	(1) 256K x 36	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36
68MB	(1) 512K x 36	(1) 512K x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 8M x 36			

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB	(8) 32K x 8	NONE	(1) 8K x 8
512KB	(8) 32K x 8	(8) 32K x 8	(1) 32K x 8 or (1) 16K x 8
1MB	(8) 64K x 8	(8) 64K x 8	(1) 32K x 8
1MB	(8) 128K x 8	NONE	(1) 32K x 8
2MB	(8) 128K x 8	(8) 128K x 8	(1) 64K x 8 or (1) 128K x 8

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CACHE JUMPER CONFIGURATION				
Size	JP31	JP32	JP100	JP101
256KB	Open	pins 1 & 2 closed	Open	Open
512KB	pins 1 & 2 closed	pins 2 & 3 closed	Open	Closed
1MB	pins 2 & 3 closed	pins 2 & 3 closed	Closed	Closed
1MB	Open	pins 1 & 2 closed	Closed	Closed
2MB	pins 4 & 5 closed	pins 2 & 3 closed	Closed	Closed

CPU SPEED CONFIGURATION		
Speed	JP16	JP19
75MHz	Open	Open
90MHz	Closed	Open
100MHz	Closed	Closed