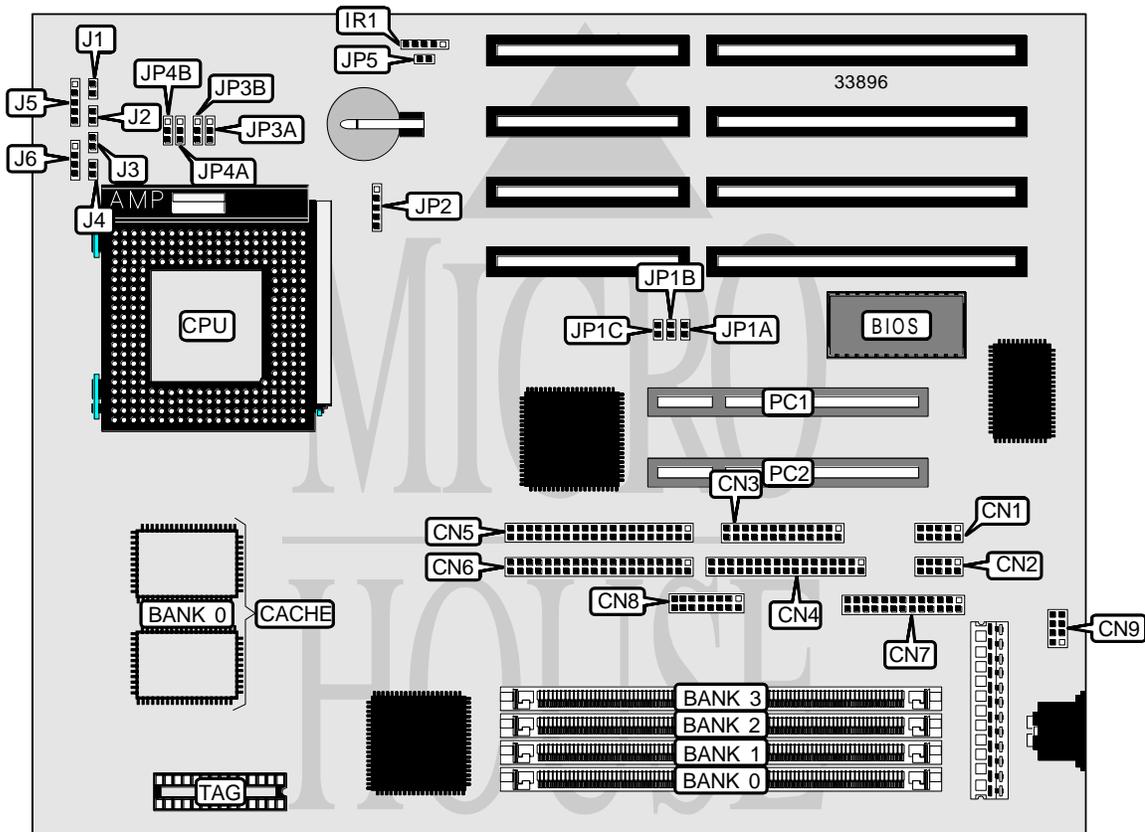


# FREE COMPUTER TECHNOLOGY, INC.

## P 5 F 6 5

<b>Processor</b>	CX M1/AM K5/Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/200MHz
<b>Chip Set</b>	SIS
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	512MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (2), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VGA feature connector, VGA interface, IR connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	IR connector	IR1
Serial port 1	CN2	Reset switch	J1
Parallel port	CN3	Turbo LED	J2
Floppy drive interface	CN4	Green PC connector	J3
IDE interface 2	CN5	IDE interface LED	J4
IDE interface 1	CN6	Speaker	J5
VGA feature connector	CN7	Power LED & keylock	J6
VGA interface	CN8	32-bit PCI slots	PC1 & PC2
PS/2 mouse interface	CN9		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP5	Open
CMOS memory clear	JP5	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 32	None	None	None
8MB	(1) 2M x 32	None	None	None
8MB	(1) 1M x 32	(1) 1M x 32	None	None
12MB	(1) 1M x 32	(1) 1M x 32	(1) 1M x 32	None
16MB	(1) 4M x 32	None	None	None
16MB	(1) 2M x 32	(1) 2M x 32	None	None
16MB	(1) 1M x 32	(1) 1M x 32	(1) 1M x 32	(1) 1M x 32
20MB	(1) 2M x 32	(1) 2M x 32	(1) 1M x 32	None
24MB	(1) 1M x 32	(1) 1M x 32	(1) 2M x 32	(1) 2M x 32
24MB	(1) 2M x 32	(1) 2M x 32	(1) 2M x 32	None
24MB	(1) 2M x 32	(1) 2M x 32	(1) 1M x 32	(1) 1M x 32
32MB	(1) 8M x 32	None	None	None
32MB	(1) 4M x 32	(1) 4M x 32	None	None
32MB	(1) 2M x 32	(1) 2M x 32	(1) 4M x 32	None
32MB	(1) 2M x 32	(1) 2M x 32	(1) 2M x 32	(1) 2M x 32
36MB	(1) 4M x 32	(1) 4M x 32	(1) 1M x 32	None
40MB	(1) 4M x 32	(1) 4M x 32	(1) 2M x 32	None
40MB	(1) 4M x 32	(1) 4M x 32	(1) 1M x 32	(1) 1M x 32
48MB	(1) 2M x 32	(1) 2M x 32	(1) 8M x 32	None
48MB	(1) 4M x 32	(1) 4M x 32	(1) 4M x 32	None
48MB	(1) 4M x 32	(1) 4M x 32	(1) 2M x 32	(1) 2M x 32
64MB	(1) 16M x 32	None	None	None
64MB	(1) 8M x 32	(1) 8M x 32	None	None
64MB	(1) 4M x 32	(1) 4M x 32	(1) 8M x 32	None
64MB	(1) 4M x 32	(1) 4M x 32	(1) 4M x 32	(1) 4M x 32

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
68MB	(1) 8M x 32	(1) 8M x 32	(1) 1M x 32	None
72MB	(1) 8M x 32	(1) 8M x 32	(1) 2M x 32	None
72MB	(1) 8M x 32	(1) 8M x 32	(1) 1M x 32	(1) 1M x 32
80MB	(1) 2M x 32	(1) 2M x 32	(1) 16M x 32	None
80MB	(1) 8M x 32	(1) 8M x 32	(1) 4M x 32	None
80MB	(1) 8M x 32	(1) 8M x 32	(1) 2M x 32	(1) 2M x 32
96MB	(1) 4M x 32	(1) 4M x 32	(1) 16M x 32	None
96MB	(1) 8M x 32	(1) 8M x 32	(1) 8M x 32	None
96MB	(1) 8M x 32	(1) 8M x 32	(1) 4M x 32	(1) 4M x 32
128MB	(1) 32M x 32	None	None	None
128MB	(1) 16M x 32	(1) 16M x 32	None	None
128MB	(1) 8M x 32	(1) 8M x 32	(1) 16M x 32	None
128MB	(1) 8M x 32			
132MB	(1) 16M x 32	(1) 16M x 32	(1) 1M x 32	None
136MB	(1) 16M x 32	(1) 16M x 32	(1) 2M x 32	None
136MB	(1) 16M x 32	(1) 16M x 32	(1) 1M x 32	(1) 1M x 32
144MB	(1) 2M x 32	(1) 2M x 32	(1) 32M x 32	None
144MB	(1) 16M x 32	(1) 16M x 32	(1) 4M x 32	None
144MB	(1) 16M x 32	(1) 16M x 32	(1) 2M x 32	(1) 2M x 32
160MB	(1) 4M x 32	(1) 4M x 32	(1) 32M x 32	None
160MB	(1) 16M x 32	(1) 16M x 32	(1) 8M x 32	None
160MB	(1) 16M x 32	(1) 16M x 32	(1) 4M x 32	(1) 4M x 32
192MB	(1) 8M x 32	(1) 8M x 32	(1) 32M x 32	None
192MB	(1) 16M x 32	(1) 16M x 32	(1) 16M x 32	None
192MB	(1) 16M x 32	(1) 16M x 32	(1) 8M x 32	(1) 8M x 32
256MB	(1) 32M x 32	(1) 32M x 32	None	None
256MB	(1) 16M x 32	(1) 16M x 32	(1) 32M x 32	None
256MB	(1) 16M x 32			
260MB	(1) 32M x 32	(1) 32M x 32	(1) 1M x 32	None
264MB	(1) 32M x 32	(1) 32M x 32	(1) 2M x 32	None
264MB	(1) 32M x 32	(1) 32M x 32	(1) 1M x 32	(1) 1M x 32
272MB	(1) 32M x 32	(1) 32M x 32	(1) 4M x 32	None
272MB	(1) 32M x 32	(1) 32M x 32	(1) 2M x 32	(1) 2M x 32
288MB	(1) 4M x 32	(1) 4M x 32	(1) 32M x 32	(1) 32M x 32
288MB	(1) 32M x 32	(1) 32M x 32	(1) 8M x 32	None
288MB	(1) 32M x 32	(1) 32M x 32	(1) 4M x 32	(1) 4M x 32
320MB	(1) 8M x 32	(1) 8M x 32	(1) 32M x 32	(1) 32M x 32
320MB	(1) 32M x 32	(1) 32M x 32	(1) 16M x 32	None
384MB	(1) 16M x 32	(1) 16M x 32	(1) 32M x 32	(1) 32M x 32
384MB	(1) 32M x 32	(1) 32M x 32	(1) 32M x 32	None
384MB	(1) 32M x 32	(1) 32M x 32	(1) 16M x 32	(1) 16M x 32
512MB	(1) 32M x 32			

Note: Board accepts EDO memory.

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CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

CPU SPEED SELECTION (CYRIX)						
CPU speed	Clock speed	Multiplier	JP1A	JP1B	JP1C	JP2
120MHz	50MHz	2x	Closed	Closed	Open	3 & 4
133MHz	55MHz	2x	Open	Open	Open	3 & 4
150MHz	60MHz	2x	Closed	Open	Open	3 & 4
166MHz	66MHz	2x	Open	Closed	Open	3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AMD)						
CPU speed	Clock speed	Multiplier	JP1A	JP1B	JP1C	JP2
75MHz	50MHz	1.5x	Closed	Closed	Open	4 & 5
90MHz	60MHz	1.5x	Closed	Open	Open	4 & 5
100MHz	66MHz	1.5x	Open	Closed	Open	4 & 5
120MHz	60MHz	1.5x	Closed	Open	Open	4 & 5
133MHz	66MHz	1.5x	Open	Closed	Open	4 & 5

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP1A	JP1B	JP1C	JP2
75MHz	50MHz	1.5x	Closed	Closed	Open	4 & 5
90MHz	60MHz	1.5x	Closed	Open	Open	4 & 5
100MHz	66MHz	1.5x	Open	Closed	Open	4 & 5
120MHz	60MHz	2x	Closed	Open	Open	3 & 4
133MHz	66MHz	2x	Open	Closed	Open	3 & 4
150MHz	60MHz	2.5x	Closed	Open	Open	1 & 2, 3 & 4
166MHz	66MHz	2.5x	Open	Closed	Open	1 & 2, 3 & 4
200MHz	66MHz	3x	Open	Closed	Open	1 & 2, 4 & 5

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION			
Type	Voltage	JP4A	JP4B
CX M1	Single	Pins 1 & 2 closed	Pins 1 & 2 closed
CX M2	Dual	Pins 2 & 3 closed	Pins 2 & 3 closed
AM K5	Single	Pins 1 & 2 closed	Pins 1 & 2 closed
AM K5 (PRxx xHx)	Dual	Pins 2 & 3 closed	Pins 2 & 3 closed
P54C/CT/CTB	Single	Pins 1 & 2 closed	Pins 1 & 2 closed
P55C	Dual	Pins 2 & 3 closed	Pins 2 & 3 closed

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<b>CPU VOLTAGE SELECTION</b>		
<b>Voltage</b>	<b>JP3A</b>	<b>JP3B</b>
2.5v	Pins 1 & 2 closed	Open
2.6v	Pins 1 & 2 closed	Pins 2 & 3 closed
2.7v	Pins 2 & 3 closed	Pins 1 & 2 closed
2.8v	Pins 2 & 3 closed	Open
2.9v	Pins 2 & 3 closed	Pins 2 & 3 closed
3.2v	Open	Pins 1 & 2 closed
3.3v	Open	Open
3.5v	Open	Pins 2 & 3 closed