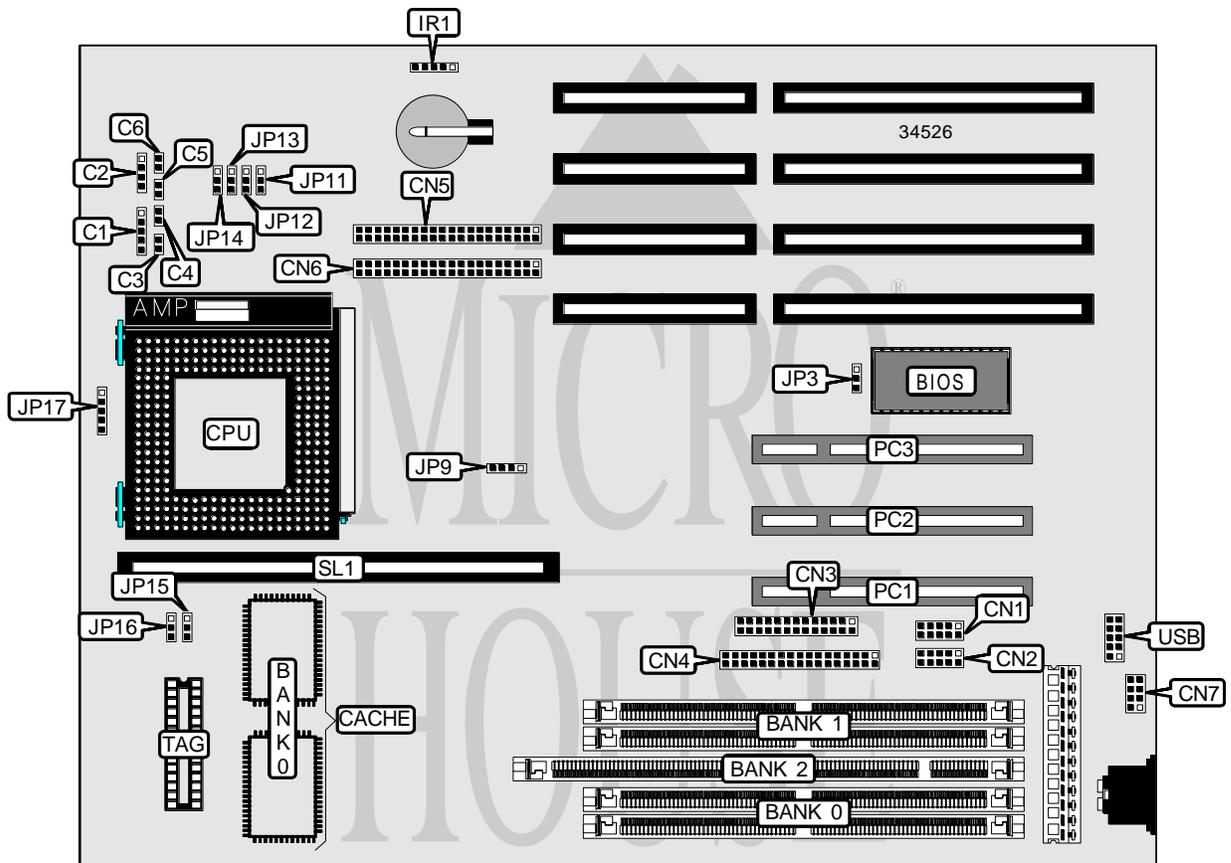


# FREE COMPUTER TECHNOLOGY, INC.

## 586 F 63 T

<b>Processor</b>	CX 6X86/AM K5/Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/200MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	128MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	C1	Floppy drive interface	CN4
Speaker	C2	IDE interface 2	CN5
IDE interface LED	C3	IDE interface 1	CN6
Green PC connector	C4	PS/2 mouse interface	CN7
Turbo LED	C5	IR connector	IR1
Reset switch	C6	32-bit PCI slots	PC1 – PC3
Serial port 2	CN1	Cache slot	SL1
Serial port 1	CN2	USB connector	USB
Parallel port	CN3		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
CMOS memory normal operation	JP3	Open
CMOS memory clear	JP3	Pins 1 & 2 closed

DIMM/SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
8MB	None	None	(1) 1M x 64
16MB	(2) 2M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	None	None	(1) 2M x 64
16MB	(2) 1M x 36	None	(1) 1M x 64
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	None	(1) 2M x 64
24MB	(2) 2M x 36	None	(1) 1M x 64
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	None	None	(1) 4M x 64
32MB	(2) 2M x 36	None	(1) 2M x 64
40MB	(2) 4M x 36	(2) 1M x 36	None
40MB	(2) 1M x 36	None	(1) 4M x 64
40MB	(2) 4M x 36	None	(1) 1M x 64
48MB	(2) 4M x 36	(2) 2M x 36	None
48MB	(2) 2M x 36	None	(1) 4M x 64
48MB	(2) 4M x 36	None	(1) 2M x 64
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	None	None	(1) 8M x 64
64MB	(2) 4M x 36	None	(1) 4M x 64
72MB	(2) 8M x 36	(2) 1M x 36	None
72MB	(2) 1M x 36	None	(1) 8M x 64

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DIMM/SIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
72MB	(2) 8M x 36	None	(1) 1M x 64
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 2M x 36	None	(1) 8M x 64
80MB	(2) 8M x 36	None	(1) 2M x 64
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	None	(1) 8M x 64
96MB	(2) 8M x 36	None	(1) 4M x 64
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 8M x 36	None	(1) 8M x 64

Note: Board accepts EDO memory.

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB (A)	(2) 32K x 32	Not installed	(1) 16K/32K x 8
512KB (A)	(2) 64K x 32	Not installed	(1) 16K/32K x 8
512KB (B)	(2) 32K x 32	256KB module installed	(1) 16K/32K x 8

CACHE JUMPER CONFIGURATION		
Size	JP15	JP16
256KB (A)	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB (A)	Pins 1 & 2 closed	Pins 2 & 3 closed
512KB (B)	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED SELECTION (CYRIX)				
CPU speed	Clock speed	Multiplier	JP9	JP17
120MHz	50MHz	2x	1 & 2, 3 & 4	2 & 3
133MHz	55MHz	2x	Open	2 & 3
150MHz	60MHz	2x	3 & 4	2 & 3
166MHz	66MHz	2x	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AMD)				
CPU speed	Clock speed	Multiplier	JP9	JP17
75MHz	50MHz	1.5x	1 & 2, 3 & 4	1 & 2
90MHz	60MHz	1.5x	3 & 4	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2
120MHz	60MHz	1.5x	3 & 4	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (INTEL)				
CPU speed	Clock speed	Multiplier	JP9	JP17
75MHz	50MHz	1.5x	1 & 2, 3 & 4	1 & 2
90MHz	60MHz	1.5x	3 & 4	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2
120MHz	60MHz	2x	3 & 4	2 & 3
133MHz	66MHz	2x	1 & 2	2 & 3
150MHz	60MHz	2.5x	3 & 4	2 & 3, 4 & 5
166MHz	66MHz	2.5x	1 & 2	2 & 3, 4 & 5
200MHz	66MHz	3x	1 & 2	1 & 2, 4 & 5

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)				
Voltage	JP11	JP12	JP13	JP14
3.3v	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
3.5v	Open	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU VOLTAGE SELECTION (DUAL)					
Voltage	V core	JP11	JP12	JP13	JP14
3.3v	2.5v	1 & 2	Open	2 & 3	2 & 3
3.3v	2.8v	2 & 3	Open	2 & 3	2 & 3
3.3v	2.92v	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.