FREE COMPUTER TECHNOLOGY, INC.
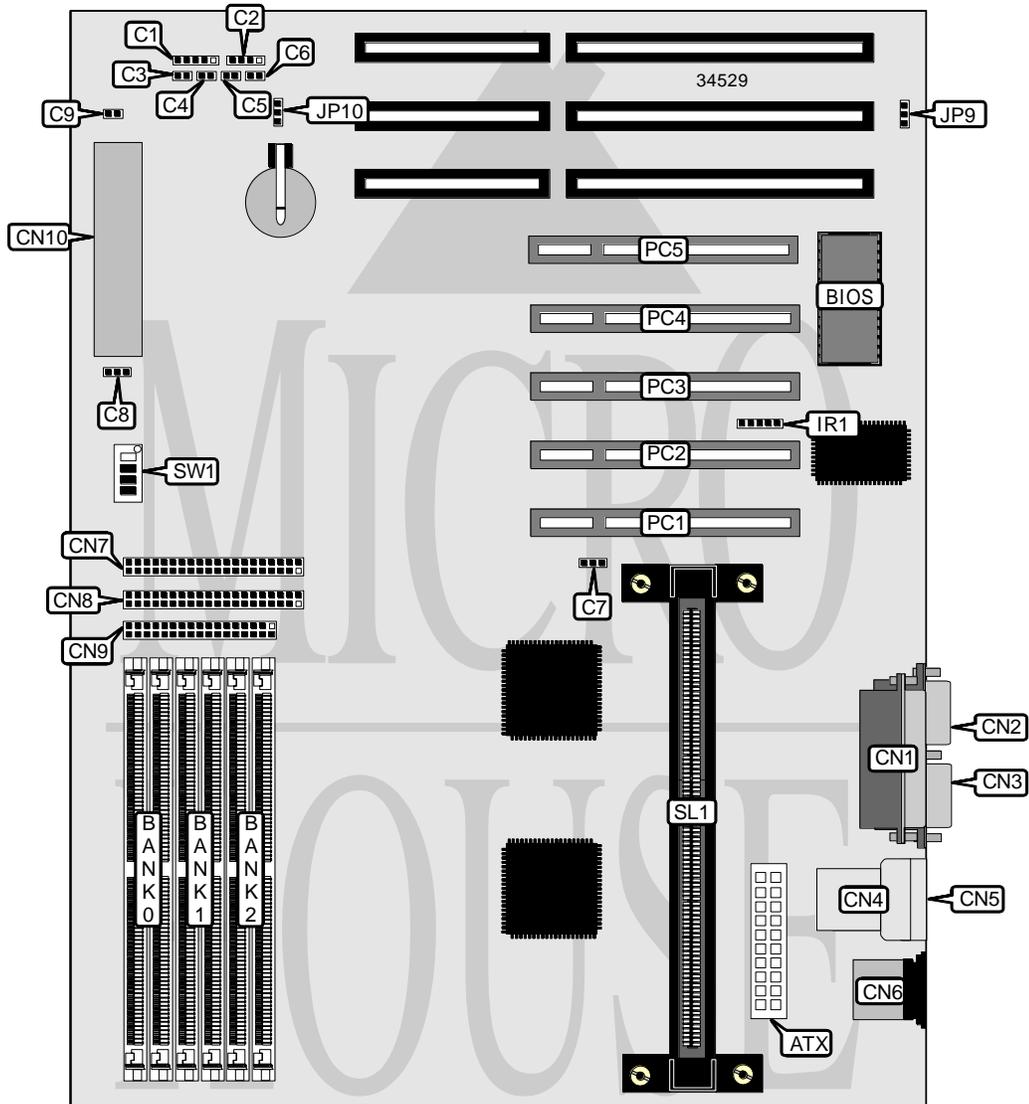## P 6 F 7 7

Processor	Pentium II
Processor Speed	200/233/266/300MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	768MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, CPU Slot 1
NPU Options	None

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Serial port 2	CN2
Power LED & keylock	C1	Serial port 1	CN3
Speaker	C2	USB connector 1	CN4
Green PC connector	C3	USB connector 2	CN5
Turbo LED	C4	PS/2 mouse port	CN6
Reset switch	C5	IDE interface 2	CN7
IDE interface LED	C6	IDE interface 1	CN8
Chassis fan power	C7	Floppy drive interface	CN9
Chassis fan power	C8	System Management Connector	CN10
Soft off power supply	C9	IR connector	IR1
Parallel port	CN1	32-bit PCI slots	PC1 – PC5

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Keyboard voltage select +5v	JP9	Pins 1 & 2 closed
Keyboard voltage select +5v (SB)	JP9	Pins 2 & 3 closed
í CMOS memory normal operation	JP10	Pins 1 & 2 closed
CMOS memory clear	JP10	Pins 2 & 3 closed

SIMM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 2M x 36	(2) 1M x 36	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36	None
48MB	(2) 4M x 36	(2) 2M x 36	None
48MB	(2) 4M x 36	(2) 1M x 36	(2) 1M x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 8M x 36	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None
80MB	(2) 8M x 36	(2) 2M x 36	None
80MB	(2) 8M x 36	(2) 1M x 36	(2) 1M x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 4M x 36	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36

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Size	Bank 0	Bank 1	Bank 2
SIMM CONFIGURATION (CON'T)
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 16M x 36	None	None
128MB	(2) 8M x 36	(2) 8M x 36	None
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
136MB	(2) 16M x 36	(2) 1M x 36	None
144MB	(2) 16M x 36	(2) 2M x 36	None
144MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
152MB	(2) 16M x 36	(2) 2M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None
160MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
168MB	(2) 16M x 36	(2) 4M x 36	(2) 1M x 36
176MB	(2) 16M x 36	(2) 4M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None
192MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
200MB	(2) 16M x 36	(2) 8M x 36	(2) 1M x 36
208MB	(2) 16M x 36	(2) 8M x 36	(2) 2M x 36
224MB	(2) 16M x 36	(2) 8M x 36	(2) 4M x 36
256MB	(2) 16M x 36	(2) 16M x 36	None
256MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36
256MB	(2) 32M x 36	None	None
264MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36
264MB	(2) 32M x 36	(2) 1M x 36	None
272MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36
272MB	(2) 32M x 36	(2) 2M x 36	None
288MB	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36
288MB	(2) 32M x 36	(2) 4M x 36	None
320MB	(2) 16M x 36	(2) 16M x 36	(2) 8M x 36
320MB	(2) 32M x 36	(2) 8M x 36	None
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
384MB	(2) 32M x 36	(2) 16M x 36	None
512MB	(2) 32M x 36	(2) 32M x 36	None
520MB	(2) 32M x 36	(2) 32M x 36	(2) 1M x 36
528MB	(2) 32M x 36	(2) 32M x 36	(2) 2M x 36
536MB	(2) 32M x 36	(2) 32M x 36	(2) 4M x 36
576MB	(2) 32M x 36	(2) 32M x 36	(2) 8M x 36
640MB	(2) 32M x 36	(2) 32M x 36	(2) 16M x 36
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36
\multicolumn{4}{l}{Note: Board accepts EDO memory.}

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CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION						
CPU speed	**Clock speed**	**Multiplier**	**SW1/1**	**SW1/2**	**SW1/3**	**SW1/4**
200MHz	66MHz	3x	On	Off	On	On
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	3x	Off	On	Off	On