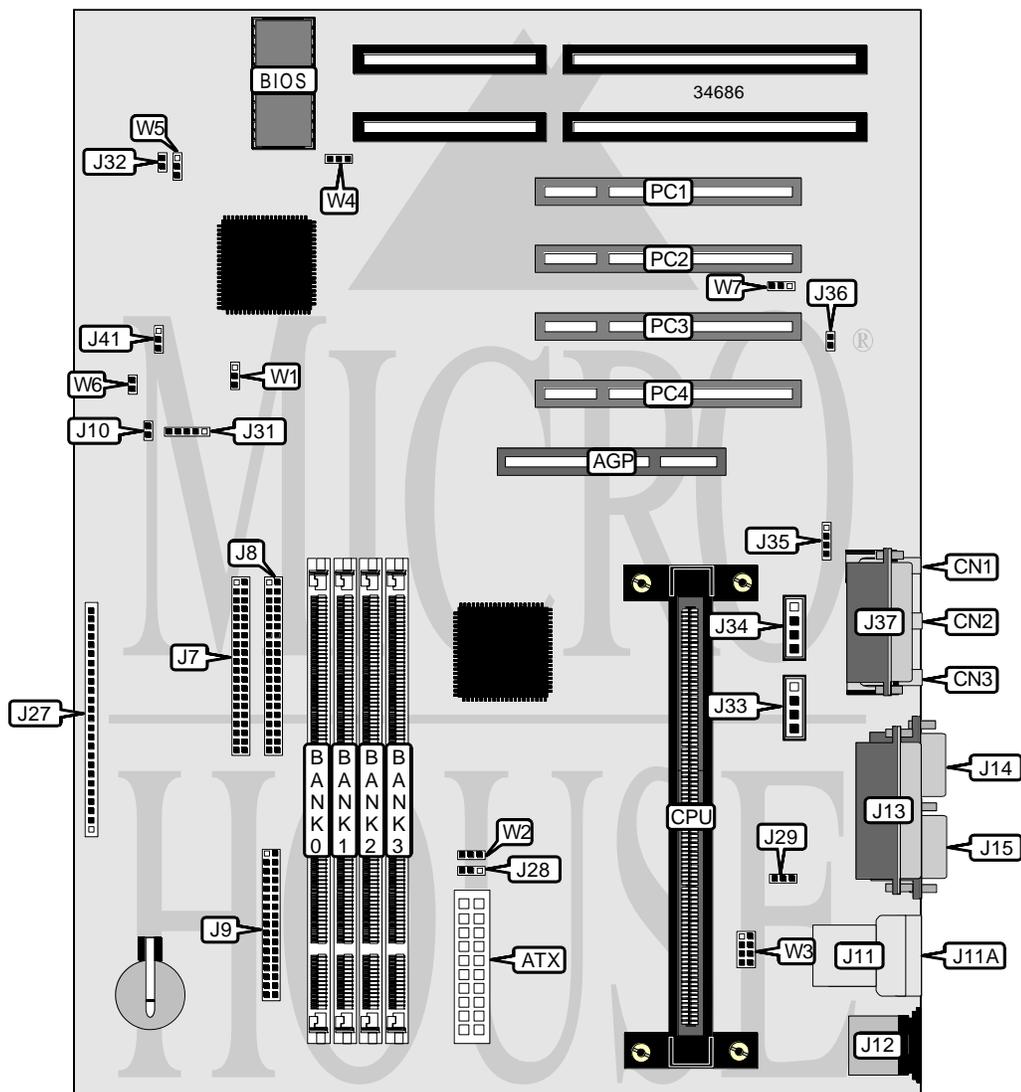


MICRONICS COMPUTERS, INC. TIGERCAT

Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Phoenix
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, line in, line out, microphone in, audio in – CD-ROMs (2), game/MIDI port
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	IR connector	J27/pins 6 - 10
ATX power connector	ATX	IDE interface LED	J27/pins 13 - 16
Microphone in	CN1	Power LED	J27/pins 18 - 20
Line in	CN2	Reset switch	J27/pins 22 & 23
Line out	CN3	Speaker	J27/pins 26 & 27
IDE interface 1	J7	CPU fan power	J28
IDE interface 2	J8	Chassis fan power	J29
Floppy drive interface	J9	Temperature sensor	J31
IDE interface LED	J10	Chassis intrusion alarm	J32
USB connector 1	J11	Audio in – CD-ROM	J33
USB connector 2	J11A	Audio in – CD-ROM	J34
PS/2 mouse port	J12	Modem/telephony	J35
Parallel port	J13	Game/MIDI port	J37
Serial port 1	J14	Wake on LAN connector	J41
Serial port 2	J15	32-bit PCI slots	PC1 – PC4
Soft off power supply	J27/pins 1 & 2		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Wavetable enabled	J36	Closed
Wavetable disabled	J36	Open
í Host bus agents pipeline mode normal operation	W2	Pins 2 & 3 closed
Host bus agents pipeline mode reserved	W2	Pins 1 & 2 closed
í Flash BIOS write protect enabled	W4	Pins 1 & 2 closed
Flash BIOS write protect disabled	W4	Pins 2 & 3 closed
í CMOS memory normal operation	W5	Pins 1 & 2 closed
CMOS memory clear	W5	Pins 2 & 3 closed
í Soft off power supply switch enabled	W6	Open
Forced cycling enabled	W6	Closed
í On board sound enabled	W7	Pins 1 & 2 closed
On board sound disabled	W7	Pins 2 & 3 closed

DIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 1M x 64			

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DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64	None
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64	None
56MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 2M x 64			
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 8M x 64	None	None	None
80MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None	None
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
96MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
112MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64	None
112MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
128MB	(1) 16M x 64	None	None	None
128MB	(1) 4M x 64			
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
160MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 8M x 64			
288MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	None
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
448MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64
512MB	(1) 16M x 64			
1024MB	(1) 32M x 64			

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	W1	W3
233MHz	66MHz	3.5x	2 & 3	1 & 2, 3 & 4
266MHz	66MHz	4x	2 & 3	1 & 2, 5 & 6, 7 & 8
300MHz	66MHz	4.5x	2 & 3	1 & 2, 5 & 6
333MHz	66MHz	5x	2 & 3	1 & 2, 7 & 8

Note: Pins designated should be in the closed position.