



MICRONICS COMPUTERS, INC.  
CYCLONE

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CONNECTIONS			
Purpose	Location	Purpose	Location
CPU fan power	J4	VGA feature connector	J10
Chassis connector	J5	VGA port	J11
Serial port 1	J6	PS/2 mouse port	J21
Serial port 2	J7	USB connector 1	J22
Parallel port	J8	USB connector 2	J23

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Linear burst mode enabled	W10	Closed
Interleave bust mode enabled	W10	Open
CMOS memory normal operation	W11	Pins 1 & 2 closed
CMOS memory clear	W11	Pins 2 & 3 closed

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
16MB	(1) 2M x 64	None
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
48MB	(1) 2M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
80MB	(1) 2M x 64	(1) 8M x 64
96MB	(1) 4M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
384MB	(1) 16M x 64	(1) 32M x 64

Note: Board accepts EDO memory.

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

Note: The location of bank 0 is unidentified.

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**VIDEO MEMORY CONFIGURATION**

Note: the location of the video memory is unidentified.

**CPU SPEED SELECTION (AMD)**

CPU speed	Clock speed	Multiplier	W2	W3	W4	W5	W6	W7
75MHz	50MHz	1.5x	Open	Open	Closed	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	Closed	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Open	Closed	2 & 3	1 & 2	2 & 3
100MHz	50MHz	2x	Closed	Open	Open	2 & 3	2 & 3	2 & 3
120MHz	60MHz	2x	Closed	Open	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	2x	Closed	Open	Open	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	Closed	Closed	Open	1 & 2	2 & 3	2 & 3
150MHz	50MHz	3x	Open	Closed	Open	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	Closed	Closed	Open	2 & 3	1 & 2	2 & 3
180MHz	60MHz	3x	Open	Closed	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

**CPU SPEED SELECTION (INTEL)**

CPU speed	Clock speed	Multiplier	W2	W3	W4	W5	W6	W7
75MHz	50MHz	1.5x	Open	Open	Closed	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	Closed	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Open	Closed	2 & 3	1 & 2	2 & 3
100MHz	50MHz	2x	Closed	Open	Open	2 & 3	2 & 3	2 & 3
120MHz	60MHz	2x	Closed	Open	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	2x	Closed	Open	Open	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	Closed	Closed	Open	1 & 2	2 & 3	2 & 3
150MHz	50MHz	3x	Open	Closed	Open	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	Closed	Closed	Open	2 & 3	1 & 2	2 & 3
180MHz	60MHz	3x	Open	Closed	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	Open	Open	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

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CPU VOLTAGE SELECTION					
Voltage	W16	W17	W18	W23	W24
2.1v	Open	Open	Open	Open	Closed
2.8v	Closed	Open	Open	Open	Open
2.9v	Open	Closed	Open	Open	Open
í 3.2v	Open	Open	Closed	Open	Open
3.5v	Open	Open	Open	Closed	Open

ON BOARD VIDEO SELECTION		
Setting	W1	W22
í Enabled	Open	Pins 2 & 3 closed
Disabled	Closed	Pins 1 & 2 closed