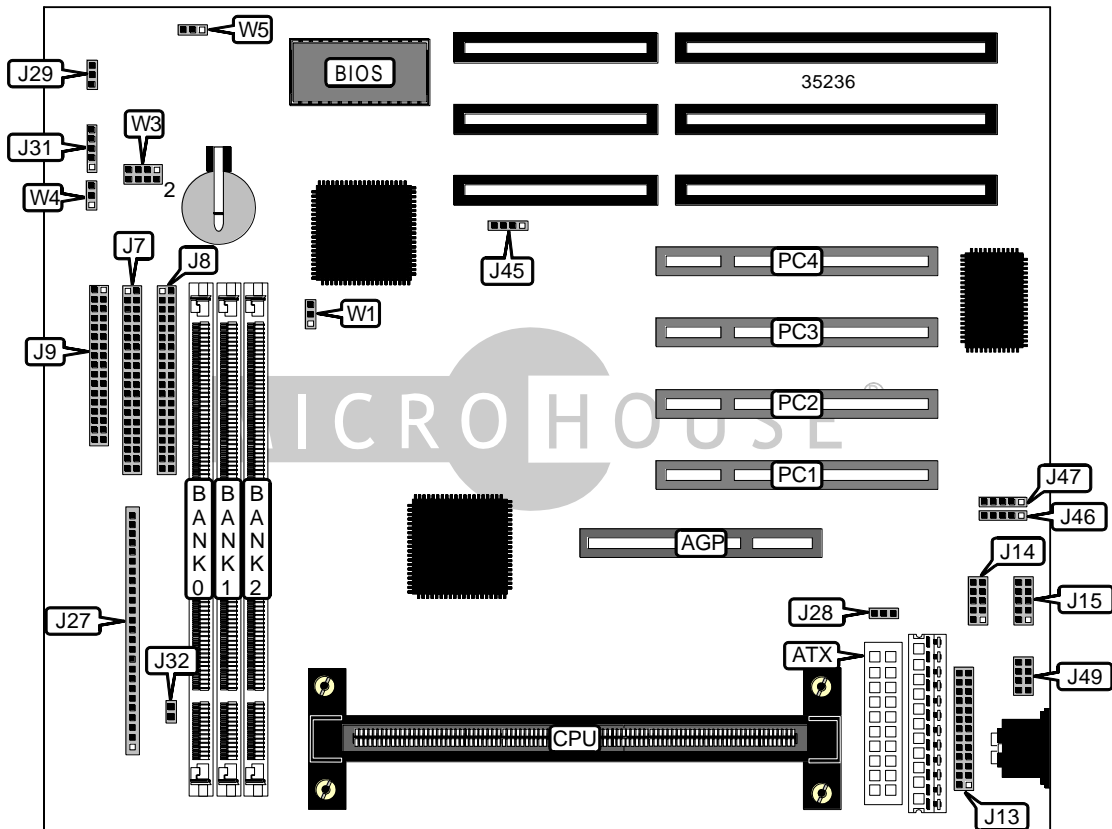


MICRONICS COMPUTERS, INC. TWISTER LX

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Reset switch	J27/pins 22 & 23
ATX power connector	ATX	Speaker	J27/pins 24 - 27
IDE interface 1	J7	CPU fan power	J28
IDE interface 2	J8	Chassis fan power	J29
Floppy drive interface	J9	Temperature sensor	J31
Parallel port	J13	Chassis intrusion connector	J32
Serial port 1	J14	SCSI interface LED	J45
Serial port 2	J15	USB connector 1	J46
Soft off power supply	J27/pins 1 & 2	USB connector 2	J47
IR connector	J27/pins 6 - 10	PS/2 mouse interface	J49
IDE interface LED	J27/pins 13 - 16	32-bit PCI slots	PC1 - PC4
Power on LED	J27/pins 18 - 20		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	W1	Unidentified
í Factory configured - do not alter	W4	Unidentified
í CMOS memory normal operation	W5	Pins 1 & 2 closed
CMOS memory clear	W5	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
136MB	(1) 16M x 64	(1) 1M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None

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DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts EDO & SDRAM memory. Maximum SDRAM is 384MB. Maximum EDO is 768MB.

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

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	W3/ pins 1 & 2	W3/ pins 3 & 4	W3/ pins 5 & 6	W3/ pins 7 & 8
233MHz	66MHz	3.5x	Closed	Closed	Open	Open
266MHz	66MHz	4x	Closed	Open	Closed	Closed
300MHz	66MHz	4.5x	Closed	Open	Closed	Open
333MHz	66MHz	5x	Closed	Open	Open	Closed