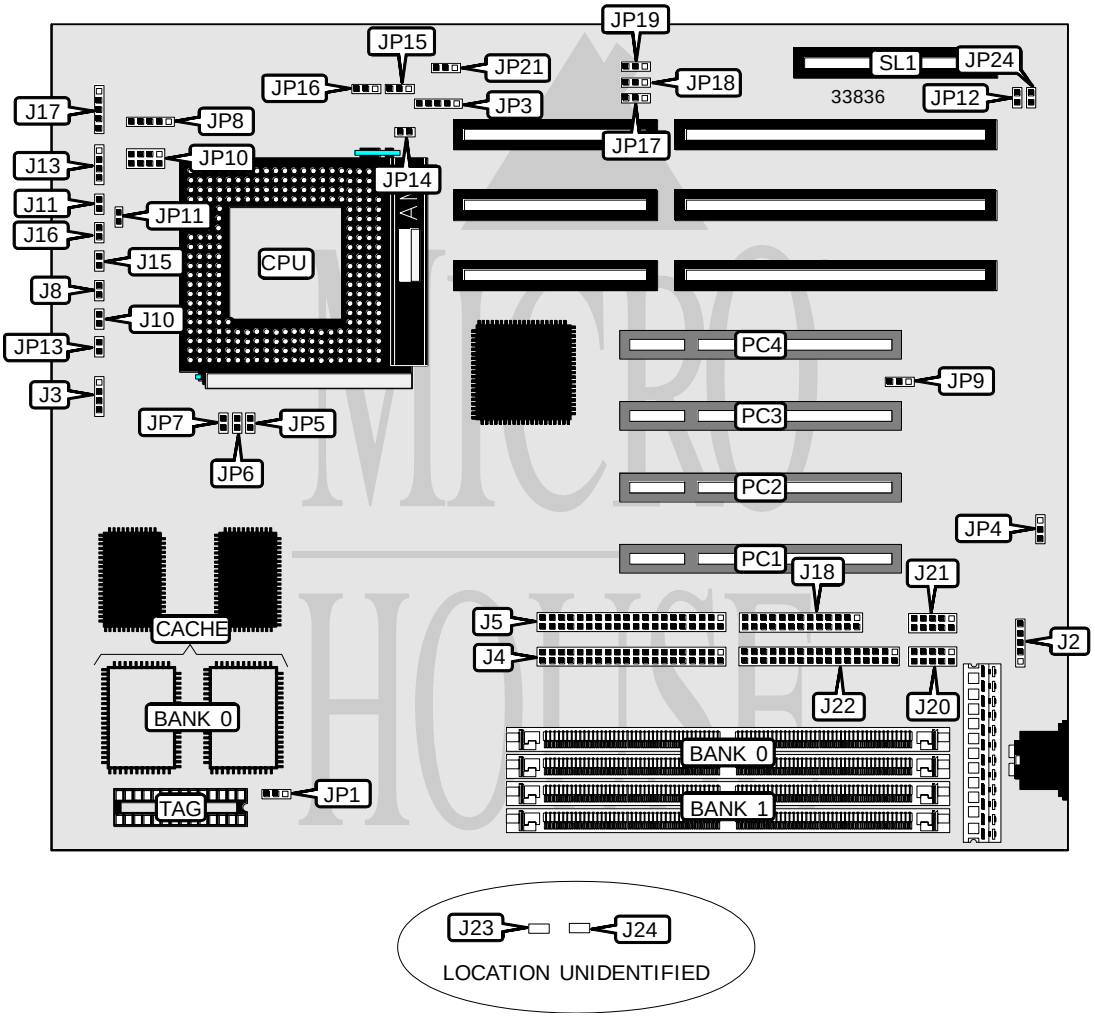
MICRONICS COMPUTERS, INC.
D5CUB PCI/ISA

Processor	CX M1/Pentium
Processor Speed	75/90/100/110/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
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), sound connector slot
NPU Options	None



Continued on next page. . .

MICRONICS COMPUTERS, INC.
D5CUB PCI/ISA

. . . continued from previous page

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
PS/2 mouse port	J2	Turbo switch	J16
External battery	J3	Power LED & keylock	J17
IDE interface 2	J4	Parallel port	J18
IDE interface 1	J5	Serial port 1	J20
IDE interface LED	J8	Serial port 2	J21
Reset switch	J11	Floppy drive interface	J22
Speaker	J13	32-bit PCI slots	PC1 - PC4
Turbo LED	J15	Sound connector slot	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	J10	Unidentified
í Factory configured - do not alter	J23	Unidentified
í Factory configured - do not alter	J24	Unidentified
í Factory configured - do not alter	JP10	Pins 3 & 5, 4 & 6 closed
í Monitor type select color	JP12	Open
Monitor type select monochrome	JP12	Closed
í CMOS memory normal operation	JP13	Open
CMOS memory clear	JP13	Closed
í Factory configured - do not alter	JP17	Pins 2 & 3 closed
Sound interface enabled	JP18	Pins 1 & 2 closed
Sound interface disabled	JP18	Pins 2 & 3 closed
í Flash BIOS voltage select 5v	JP19	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP19	Pins 1 & 2 closed
í EEPROM size select 1MB	JP21	Pins 1 & 2 closed
EEPROM size select 2MB	JP21	Pins 2 & 3 closed
í PS/2 mouse enabled	JP24	Closed
PS/2 mouse disabled	JP24	Open

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

Continued on next page. . .

MICRONICS COMPUTERS, INC.
D5CUB PCI/ISA

. . . continued from previous page

DRAM CONFIGURATION (CON'T)		
Size	**Bank 0**	**Bank 1**
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory. Board also accepts x 32 SIMMs		

DRAM REFRESH RATE CONFIGURATION	
Setting	**JP14**
í 66MHz	Open
60MHz	Closed

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

CACHE CONFIGURATION	
Type	**JP7**
Write through	Closed
Write back	Open

CACHE TAG CONFIGURATION	
Type	**JP1**
Aster 16K x 8	Pins 1 & 2 closed
Winbond 16K x 8	Open
32K x 8	Pins 2 & 3 closed

CPU SPEED SELECTION (CYRIX)							
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP6**	**JP11**	**JP15**	**JP16**
100MHz	50MHz	2x	Closed	Closed	Open	1 & 2	2 & 3
110MHz	55MHz	2x	Open	Open	Open	1 & 2	2 & 3
120MHz	60MHz	2x	Open	Closed	Closed	1 & 2	2 & 3
133MHz	66MHz	2x	Closed	Open	Closed	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

Continued on next page. . .

MICRONICS COMPUTERS, INC.
D5CUB PCI/ISA

. . . continued from previous page

CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**JP5**	**JP6**	**JP11**	**JP15**	**JP16**
75MHz	50MHz	1.5x	Closed	Closed	Open	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Closed	Closed	2 & 3	2 & 3
100MHz	66MHz	1.5x	Closed	Open	Closed	2 & 3	2 & 3
120MHz	60MHz	2x	Open	Closed	Closed	1 & 2	2 & 3
133MHz	66MHz	2x	Closed	Open	Closed	1 & 2	2 & 3
150MHz	60MHz	2.5x	Open	Closed	Closed	1 & 2	1 & 2
166MHz	66MHz	2.5x	Closed	Open	Closed	1 & 2	1 & 2
200MHz	66MHz	3x	Closed	Open	Closed	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU TYPE SELECTION		
Type	**Voltage**	**JP8**
P54C	3.4v	Pins 2 & 3 closed
P55C	2.8v	Pins 4 & 5 closed
P55C	2.5v	Pins 1 & 2 closed

CPU VOLTAGE SELECTION	
Voltage	**JP3**
3.3v (STD)	Pins 1 & 2 closed
3.4v (VR)	Pins 2 & 3 closed
3.5v (VRE)	Pins 4 & 5 closed

MULTI I/O SELECTION		
Setting	**JP4**	**JP9**
Enabled	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 2 & 3 closed