TYAN COMPUTER CORPORATION
S 1 4 7 2

Processor	CX M1/SGS/IBM/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	AMI/Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (5), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connectors (2), USB connectors (2), ATX power connector
NPU Options	None
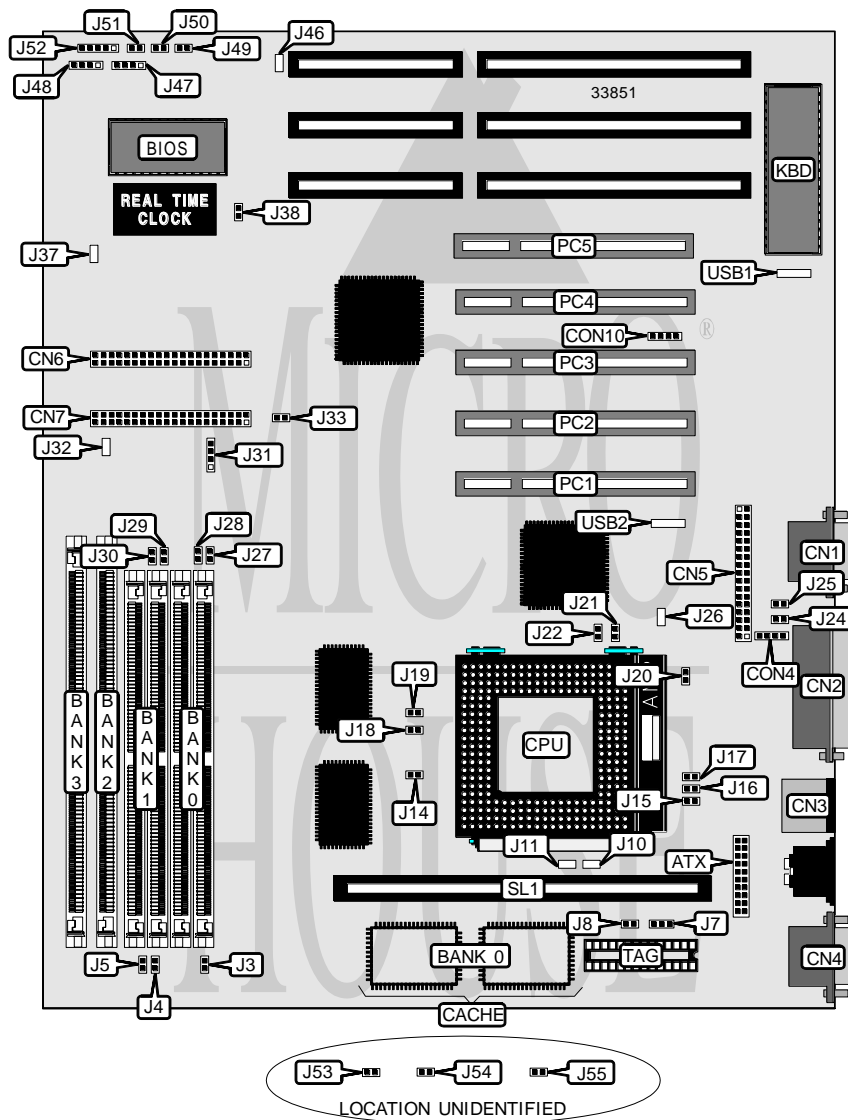
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	IDE interface LED	J47
Serial port 1	CN1	Speaker	J48
Parallel port	CN2	Reset switch	J49
PS/2 mouse port	CN3	Turbo switch	J50
Serial port 2	CN4	Turbo LED	J51
Floppy drive interface	CN5	Power LED & keylock	J52
IDE interface 2	CN6	32-bit PCI slots	PC1 - PC5
IDE interface 1	CN7	Cache slot	SL1
IR connector	CON4	USB connector 1	USB1
IR connector	CON10	USB connector 2	USB2

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	J10	Unidentified
í Factory configured - do not alter	J11	Unidentified
ATX power on	J20	Open
ATX power off	J20	Closed
í Factory configured - do not alter	J26	Unidentified
í Factory configured - do not alter	J32	Unidentified
í Factory configured - do not alter	J37	Unidentified
í CMOS memory normal operation	J38	Open
CMOS memory clear	J38	Closed
í Factory configured - do not alter	J46	Pins 1 & 2 closed

DRAM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
8MB	(2) 1M x 32	None	None	None
8MB	None	None	(1) 1M x 64	None
16MB	None	None	(1) 2M x 64	None
16MB	(2) 2M x 32	None	None	None
16MB	(2) 1M x 32	(2) 1M x 32	None	None
32MB	(2) 2M x 32	(2) 2M x 32	None	None
32MB	(2) 4M x 32	None	None	None
32MB	None	None	(1) 4M x 64	None
64MB	(2) 8M x 32	None	None	None
64MB	(2) 4M x 32	(2) 4M x 32	None	None
64MB	(2) 4M x 32	None	None	(1) 4M x 64
64MB	None	None	(1) 4M x 64	(1) 4M x 64
96MB	(2) 8M x 32	(2) 4M x 32	None	None
96MB	(2) 8M x 32	None	None	(1) 4M x 64
128MB	(2) 8M x 32	(2) 8M x 32	None	None
Note: Board accepts EDO memory.				

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DRAM VOLTAGE CONFIGURATION							
Voltage	**J3**	**J4**	**J5**	**J27**	**J28**	**J29**	**J30**
3.3v	Closed	Closed	Closed	Open	Open	Open	Open
í 5v	Open	Open	Open	Closed	Closed	Closed	Closed

CACHE CONFIGURATION			
Size	**Bank 0**	**SL1**	**TAG**
256KB	(2) 32K x 32	Not installed	Unidentified
512KB	(2) 32K x 32	256KB module installed	Unidentified

CACHE JUMPER CONFIGURATION	
Size	**J7**
256KB	Pins 2 & 3 closed
512KB	Pins 1 & 2 closed

CACHE TAG CONFIGURATION	
Setting	**J8**
TAG enabled	Closed
TAG disabled	Open
Note: Jumper only used if COAST module is installed.	

CPU SPEED SELECTION (CYRIX/SGS/IBM)					
CPU speed	**Clock speed**	**Multiplier**	**J21**	**J22**	**J31**
120MHz	50MHz	2x	Closed	Open	1 & 2, 3 & 4
150MHz	60MHz	2x	Closed	Open	3 & 4
166MHz	66MHz	2x	Closed	Open	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (INTEL)					
CPU speed	**Clock speed**	**Multiplier**	**J21**	**J22**	**J31**
75MHz	50MHz	1.5x	Open	Open	1 & 2, 3 & 4
90MHz	60MHz	1.5x	Open	Open	3 & 4
100MHz	66MHz	1.5x	Open	Open	1 & 2
120MHz	60MHz	2x	Closed	Open	3 & 4
133MHz	66MHz	2x	Closed	Open	1 & 2
150MHz	60MHz	2.5x	Closed	Closed	3 & 4
166MHz	66MHz	2.5x	Closed	Closed	1 & 2
200MHz	66MHz	3x	Open	Closed	1 & 2
Note: Pins designated should be in the closed position.					

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CPU VOLTAGE SELECTION (P55C ONLY)								
Voltage	**J14**	**J15**	**J16**	**J17**	**J18**	**J19**	**J54**	**J55**
2.6v	Open	Open	Closed	Open	Open	Open	Closed	Closed
2.8v	Open	Open	Open	Closed	Open	Open	Closed	Closed
3v	Open	Closed	Open	Open	Open	Open	Closed	Closed

POWER SUPPLY SELECTION					
Setting	**J14**	**J15**	**J16**	**J17**	**J18**
í ATX	Closed	Open	Open	Open	Closed
AT	Closed	Open	Open	Open	Closed

POWER SUPPLY SELECTION (CON'T)					
Setting	**J19**	**J33**	**J53**	**J54**	**J55**
í ATX	Closed	Open	Open	Open	Open
AT	Closed	Closed	Closed	Open	Closed

SERIAL PORT SELECTION		
Setting	**J24**	**J25**
Used as serial port	Pins 1 & 2 closed	Pins 1 & 2 closed
Used as IR connector	Pins 2 & 3 closed	Pins 2 & 3 closed