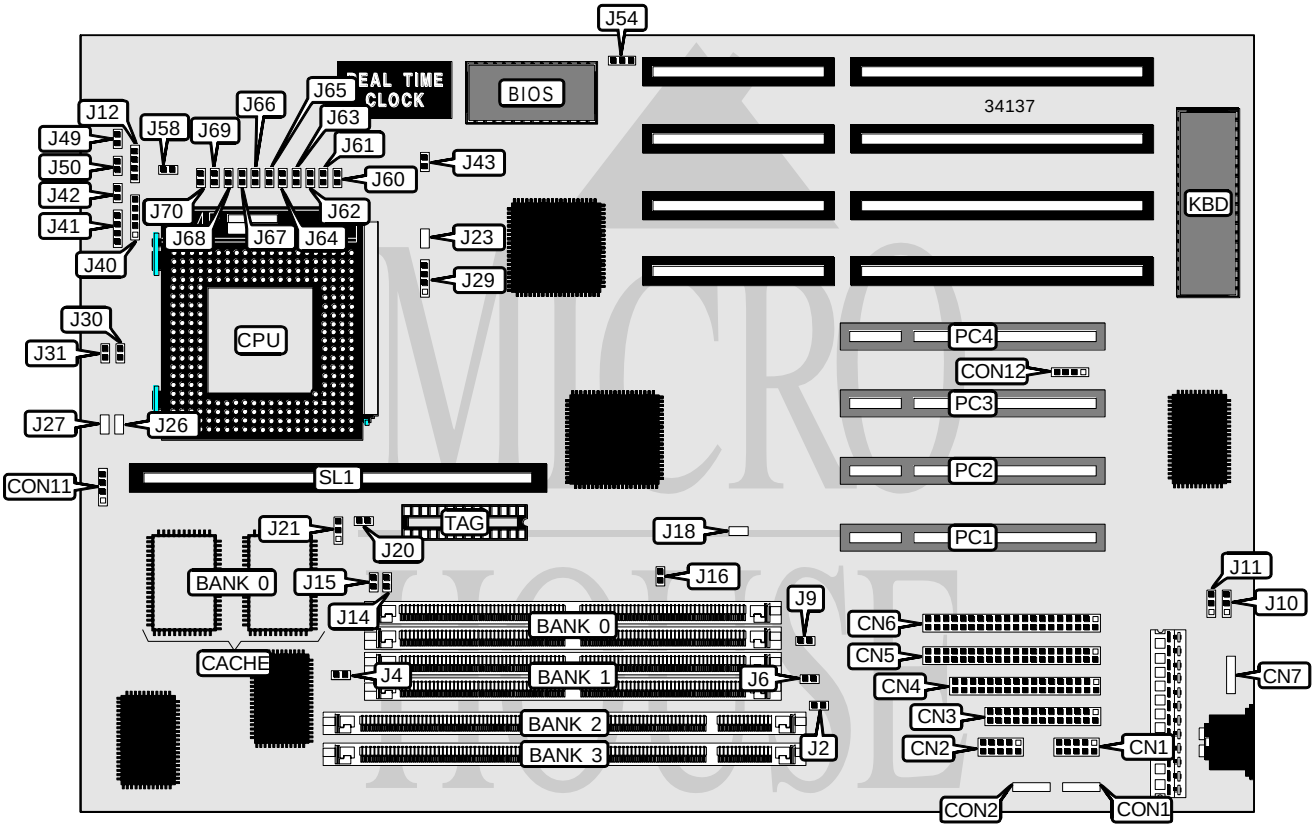
TYAN COMPUTER CORPORATION
S 1 4 6 9

Processor	CX M1/IBM/SGS/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	1MB
Cache	256/512KB
BIOS	AMI/Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), bus mouse port, CD-ROM interface, cassette drive interface, Ethernet 10Base2 connector, floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, VRM connector, USB connector
NPU Options	None



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TYAN COMPUTER CORPORATION
S 1 4 6 9

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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 1	CN1	IDE interface LED	J12 pins 1 & 2
Serial port 2	CN2	Power LED & keylock	J40
Parallel port	CN3	Speaker	J41
Floppy drive interface	CN4	Turbo switch	J42
IDE interface 1	CN5	Reset switch	J49
IDE interface 2	CN6	Turbo LED	J50
PS/2 mouse interface	CN7	32-bit PCI slots	PC1 – PC4
IR connector	CON11	Cache slot	SL1
IR connector	CON12		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter	CON1	Unidentified
í Factory configured - do not alter	CON2	Unidentified
í Factory configured - do not alter	J18	Unidentified
í Factory configured - do not alter	J23	Unidentified
í Factory configured - do not alter	J27	Unidentified
í Factory configured - do not alter	J28	Unidentified
í CMOS memory normal operation	J43	Open
CMOS memory clear	J43	Closed
í Factory configured - do not alter	J54	Pins 1 & 2 closed

DIMM/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	(2) 2M x 32	None	None	None
16MB	None	None	(1) 2M x 64	None
16MB	(2) 1M x 32	(2) 1M x 32	None	None
32MB	(2) 4M x 36	None	None	None
32MB	None	None	(1) 4M x 64	None
32MB	(2) 2M x 32	(2) 2M x 32	None	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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TYAN COMPUTER CORPORATION
S 1 4 6 9

. . . continued from previous page

DRAM VOLTAGE CONFIGURATION							
Voltage	**J2**	**J4**	**J6**	**J9**	**J14**	**J15**	**J16**
3.3v	Open	Closed	Open	Open	Closed	Closed	Open
5v	Closed	Open	Closed	Closed	Open	Open	Closed

CACHE CONFIGURATION			
Size	**Bank 0**	**SL1**	**TAG**
256KB	(2) 32K x 32	Not installed	Unidentified
512KB	(2) 32K x 32	256KB module installed	None

CACHE JUMPER CONFIGURATION	
Setting	**J21**
On board cache only	Pins 2 & 3 closed
Cache module	Pins 1 & 2 closed

CACHE TAG CONFIGURATION	
Size	**J20**
Enabled	Closed
Disabled (when using cache module)	Open

CPU SPEED SELECTION (CYRIX)					
CPU speed	**Clock speed**	**Multiplier**	**J29**	**J30**	**J31**
120MHz	50MHz	1.5x	1 & 2, 3 & 4	Closed	Open
150MHz	60MHz	1.5x	3 & 4	Closed	Open
166MHz	66MHz	1.5x	1 & 2	Closed	Open
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (IBM)					
CPU speed	**Clock speed**	**Multiplier**	**J29**	**J30**	**J31**
120MHz	50MHz	1.5x	1 & 2, 3 & 4	Closed	Open
150MHz	60MHz	1.5x	3 & 4	Closed	Open
166MHz	66MHz	1.5x	1 & 2	Closed	Open
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (SGS)					
CPU speed	**Clock speed**	**Multiplier**	**J29**	**J30**	**J31**
120MHz	50MHz	1.5x	1 & 2, 3 & 4	Closed	Open
150MHz	60MHz	1.5x	3 & 4	Closed	Open
166MHz	66MHz	1.5x	1 & 2	Closed	Open
Note: Pins designated should be in the closed position.					

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TYAN COMPUTER CORPORATION
S 1 4 6 9

. . . continued from previous page

CPU SPEED SELECTION (INTEL)					
CPU speed	**Clock speed**	**Multiplier**	**J29**	**J30**	**J31**
75MHz	50MHz	1.5x	1 & 2, 3 & 4	Open	Open
90MHz	60MHz	1.5x	3 & 4	Open	Open
100MHz	66MHz	1.5x	1 & 2	Open	Open
120MHz	60MHz	2x	3 & 4	Closed	Open
133MHz	66MHz	2x	1 & 2	Closed	Open
150MHz	60MHz	2.5x	3 & 4	Closed	Closed
166MHz	66MHz	2.5x	1 & 2	Closed	Closed
200MHz	66MHz	3x	1 & 2	Open	Closed
Note: Pins designated should be in the closed position.					

CPU VOLTAGE SELECTION (SINGLE)						
Voltage	**J58**	**J60**	**J61**	**J62**	**J63**	**J64**
3.3v	Open	Open	Closed	Open	Open	Open
í 3.5v	Open	Open	Open	Closed	Open	Open
3.6v	Open	Closed	Open	Open	Open	Open

CPU VOLTAGE SELECTION (SINGLE, CON'T)						
Voltage	**J65**	**J66**	**J67**	**J68**	**J69**	**J70**
3.3v	Open	Open	Closed	Closed	Closed	Closed
í 3.5v	Open	Open	Closed	Closed	Closed	Closed
3.6v	Open	Open	Closed	Closed	Closed	Closed

CPU VOLTAGE SELECTION (DUAL)							
Voltage	**V core**	**J58**	**J60**	**J61**	**J62**	**J63**	**J64**
3.3v	2.65v	Closed	Open	Closed	Open	Closed	Open
3.3v	2.85v	Closed	Open	Closed	Open	Open	Closed
3.3v	3v	Closed	Open	Closed	Open	Open	Open
3.5v	2.65v	Closed	Open	Open	Closed	Closed	Open
3.5v	2.85v	Closed	Open	Open	Closed	Open	Closed
3.5v	3v	Closed	Open	Open	Closed	Open	Open
3.6v	2.65v	Closed	Closed	Open	Open	Closed	Open
3.6v	2.85v	Closed	Closed	Open	Open	Open	Closed
3.6v	3v	Closed	Closed	Open	Open	Open	Open

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TYAN COMPUTER CORPORATION
S 1 4 6 9

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CPU VOLTAGE SELECTION (DUAL, CON'T)							
Voltage	**V core**	**J65**	**J66**	**J67**	**J68**	**J69**	**J70**
3.3v	2.65v	Open	Closed	Open	Open	Open	Open
3.3v	2.85v	Open	Closed	Open	Open	Open	Open
3.3v	3v	Closed	Closed	Open	Open	Open	Open
3.5v	2.65v	Open	Closed	Open	Open	Open	Open
3.5v	2.85v	Open	Closed	Open	Open	Open	Open
3.5v	3v	Closed	Closed	Open	Open	Open	Open
3.6v	2.65v	Open	Closed	Open	Open	Open	Open
3.6v	2.85v	Open	Closed	Open	Open	Open	Open
3.6v	3v	Closed	Closed	Open	Open	Open	Open

SERIAL PORT SELECTION		
Setting	**J10**	**J11**
Used as serial port	Pins 1 & 2 closed	Pins 1 & 2 closed
Used as IR port	Pins 2 & 3 closed	Pins 2 & 3 closed

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