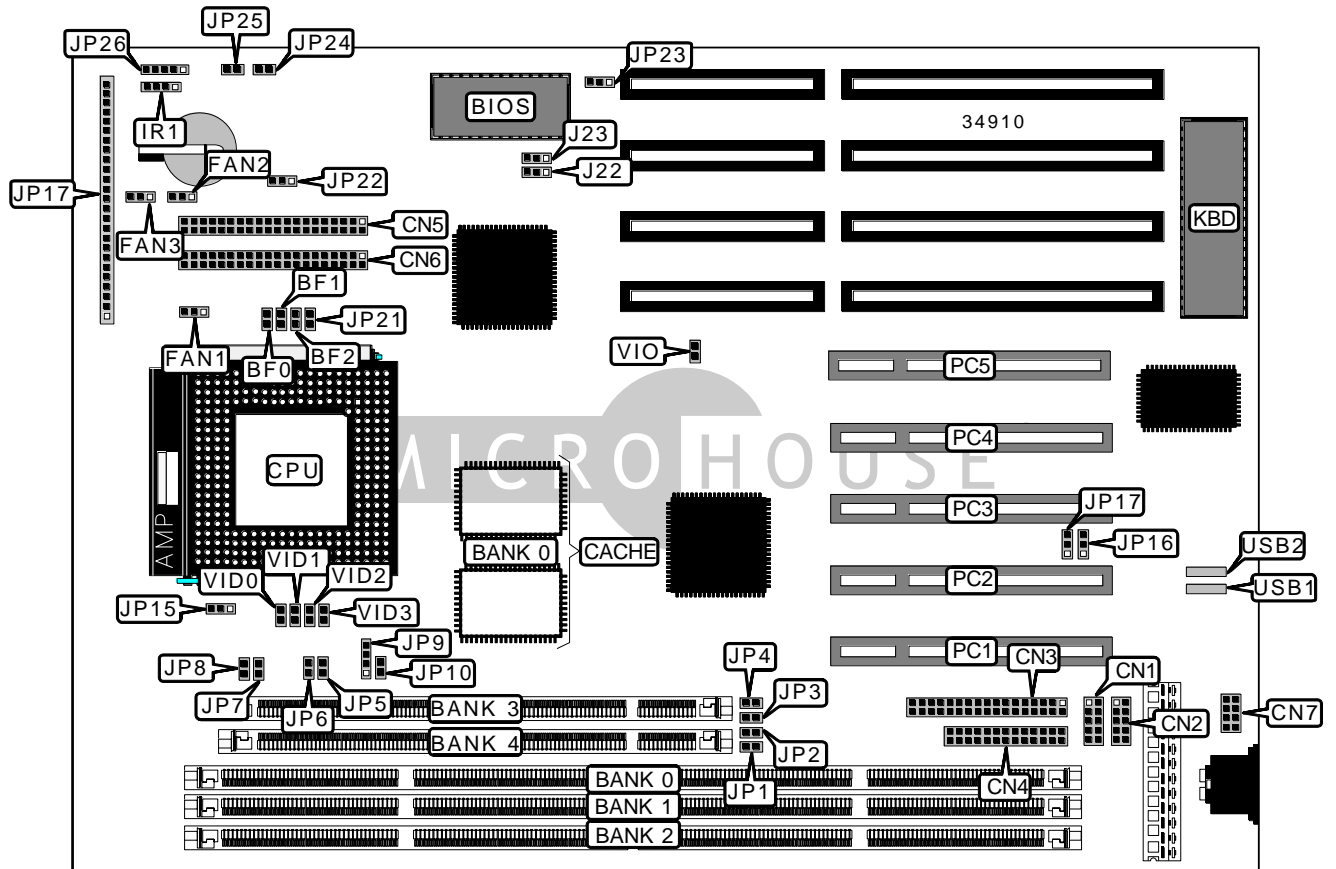


TYAN COMPUTER CORPORATION

S1571

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 686MX/AM K5/AM K6/Pentium
Processor Speed	75/90/100/120/133/150/166/200/233MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	512KB
BIOS	AMI, Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connectors (2), USB connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	IR connector	JP17/pins 6 - 9
Serial port 2	CN2	IDE interface LED 1	JP17/pins 13 & 14
Floppy drive interface	CN3	IDE interface LED 2	JP17/pins 15 & 16
Parallel port	CN4	Power LED	JP17/pins 18 - 20
IDE interface 2	CN5	Reset switch	JP17/pins 22 & 23
IDE interface 1	CN6	Speaker	JP17/pins 24 - 27
PS/2 mouse interface	CN7	Turbo LED	JP24
Chassis fan power	FAN1	Turbo switch	JP25
Chassis fan power	FAN2	Keylock	JP26/pins 4 & 5
Chassis fan power	FAN3	32-bit PCI slots	PC1 – PC5
IR connector	IR1	USB connector 1	USB1
Green PC connector	JP17/pins 3 & 4	USB connector 2	USB2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J22	Unidentified
í Factory configured - do not alter	J23	Unidentified
í Factory configured - do not alter	JP21	Unidentified
í CMOS memory normal operation	JP22	Pins 1 & 2 closed
CMOS memory clear	JP22	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP23	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP23	Pins 1 & 2 closed

SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x36	None	None
16MB	(2) 2M x36	None	None
16MB	(2) 1M x36	(2) 1M x36	None
24MB	(2) 2M x36	(2) 1M x36	None
24MB	(2) 1M x36	(2) 1M x36	(2) 1M x36
32MB	(2) 4M x36	None	None
32MB	(2) 2M x36	(2) 1M x36	(2) 1M x36
32MB	(2) 2M x36	(2) 2M x36	None
40MB	(2) 4M x36	(2) 1M x36	None

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SIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
40MB	(2) 2M x36	(2) 2M x32	(2) 1M x36
48MB	(2) 4M x36	(2) 1M x36	(2) 1M x36
48MB	(2) 4M x36	(2) 2M x36	None
48MB	(2) 2M x36	(2) 2M x36	(2) 2M x36
56MB	(2) 4M x36	(2) 2M x36	(2) 1M x36
64MB	(2) 8M x36	None	None
64MB	(2) 4M x36	(2) 2M x36	(2) 2M x36
64MB	(2) 4M x36	(2) 4M x36	None
80MB	(2) 8M x36	(2) 1M x36	(2) 1M x36
80MB	(2) 8M x36	(2) 2M x32	None
80MB	(2) 4M x36	(2) 4M x36	(2) 2M x36
88MB	(2) 8M x36	(2) 2M x32	(2) 1M x36
96MB	(2) 8M x36	(2) 2M x36	(2) 2M x36
96MB	(2) 8M x36	(2) 4M x36	None
96MB	(2) 4M x36	(2) 4M x36	(2) 4M x36
104MB	(2) 8M x36	(2) 4M x36	(2) 1M x36
112MB	(2) 8M x36	(2) 4M x36	(2) 2M x36
128MB	(2) 16M x36	None	None
128MB	(2) 8M x36	(2) 4M x36	(2) 4M x36
128MB	(2) 8M x36	(2) 8M x36	None
136MB	(2) 16M x36	(2) 1M x36	None
144MB	(2) 16M x36	(2) 2M x32	None
144MB	(2) 8M x36	(2) 8M x36	(2) 2M x36
152MB	(2) 16M x36	(2) 2M x36	(2) 1M x36
160MB	(2) 16M x36	(2) 2M x36	(2) 2M x36
160MB	(2) 16M x36	(2) 4M x36	None
160MB	(2) 8M x36	(2) 8M x36	(2) 4M x36
176MB	(2) 16M x36	(2) 4M x36	(2) 2M x36
192MB	(2) 16M x36	(2) 4M x36	(2) 4M x36
192MB	(2) 16M x36	(2) 8M x36	None
192MB	(2) 8M x36	(2) 8M x36	(2) 8M x36
200MB	(2) 16M x36	(2) 8M x36	(2) 1M x36
208MB	(2) 16M x36	(2) 8M x36	(2) 2M x36
224MB	(2) 16M x36	(2) 8M x36	(2) 4M x36
256MB	(2) 16M x36	(2) 8M x36	(2) 8M x36

Note: Board accepts EDO memory.

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DIMM CONFIGURATION		
Size	Bank 3	Bank 4
8MB	(2) 1M x32	None
16MB	(2) 2M x32	None
16MB	(2) 1M x32	(2) 1M x32
24MB	(2) 2M x32	(2) 1M x32
32MB	(2) 4M x36	None
32MB	(2) 2M x32	(2) 2M x32
40MB	(2) 4M x36	(2) 1M x32
48MB	(2) 4M x36	(2) 2M x32
64MB	(2) 8M x36	None
64MB	(2) 4M x36	(2) 4M x36
72MB	(2) 8M x36	(2) 1M x32
80MB	(2) 8M x36	(2) 2M x32
96MB	(2) 8M x36	(2) 4M x36
128MB	(2) 16M x36	None
128MB	(2) 8M x36	(2) 8M x36
136MB	(2) 16M x36	(2) 1M x32
144MB	(2) 16M x36	(2) 2M x32
160MB	(2) 16M x36	(2) 4M x36
192MB	(2) 16M x36	(2) 8M x36
256MB	(2) 16M x36	(2) 16M x36

Note: Board accepts SDRAM memory.

SIMM VOLTAGE CONFIGURATION				
Voltage	JP1	JP2	JP7	JP8
3v	Open	Open	Closed	Closed
5v	Closed	Closed	Open	Open

DIMM VOLTAGE CONFIGURATION				
Voltage	JP3	JP4	JP5	JP6
3v	Open	Open	Closed	Closed
5v	Closed	Closed	Open	Open

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

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CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
120MHz	50MHz	2x	Closed	Open	Open	1 & 2, 3 & 4	Closed	1 & 2
133MHz	55MHz	2x	Closed	Open	Open	1 & 2, 3 & 4	Open	1 & 2
150MHz	60MHz	2x	Closed	Open	Open	3 & 4	Closed	1 & 2
166MHz	66MHz	2x	Closed	Open	Open	1 & 2	Closed	1 & 2
200MHz	75MHz	2x	Closed	Open	Open	3 & 4	Open	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
150MHz	60MHz	2x	Closed	Open	Open	3 & 4	Closed	1 & 2
166MHz	66MHz	2x	Closed	Open	Open	1 & 2	Closed	1 & 2
200MHz	75MHz	2x	Closed	Open	Open	3 & 4	Open	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
166MHz	60MHz	2x	Closed	Closed	Open	3 & 4	Closed	1 & 2
200MHz	66MHz	2x	Closed	Closed	Open	1 & 2	Closed	1 & 2
233MHz	75MHz	2x	Closed	Closed	Open	3 & 4	Open	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
90MHz	60MHz	1.5x	Open	Open	Open	1 & 2	Closed	1 & 2
100MHz	66MHz	1.5x	Open	Open	Open	1 & 2	Closed	1 & 2
120MHz	60MHz	2x	Closed	Open	Open	3 & 4	Closed	1 & 2
133MHz	66MHz	2x	Closed	Open	Open	1 & 2	Closed	1 & 2
166MHz	66MHz	2.5x	Closed	Closed	Open	1 & 2	Closed	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
166MHz	66MHz	2.5x	Closed	Closed	Open	1 & 2	Closed	1 & 2
200MHz	66MHz	3x	Open	Closed	Open	1 & 2	Closed	1 & 2
233MHz	66MHz	3.5x	Open	Open	Open	1 & 2	Closed	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (IDT C6)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
150MHz	50MHz	3x	Open	Closed	Open	1 & 2, 3 & 4	Closed	1 & 2
180MHz	66MHz	3x	Open	Closed	Open	3 & 4	Closed	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
75MHz	50MHz	1.5x	Open	Open	Open	1 & 2, 3 & 4	Closed	1 & 2
90MHz	60MHz	1.5x	Open	Open	Open	3 & 4	Closed	1 & 2
100MHz	66MHz	1.5x	Open	Open	Open	1 & 2	Closed	1 & 2
120MHz	60MHz	2x	Closed	Open	Open	3 & 4	Closed	1 & 2
133MHz	66MHz	2x	Closed	Open	Open	1 & 2	Closed	1 & 2
150MHz	60MHz	2.5x	Closed	Closed	Open	3 & 4	Closed	1 & 2
166MHz	66MHz	2.5x	Closed	Closed	Open	1 & 2	Closed	1 & 2
200MHz	66MHz	3x	Open	Closed	Open	1 & 2	Closed	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	JP9	JP10	JP15
166MHz	66MHz	2.5x	Closed	Closed	Open	1 & 2	Closed	1 & 2
200MHz	66MHz	3x	Open	Closed	Open	1 & 2	Closed	1 & 2
233MHz	66MHz	3.5x	Open	Open	Open	1 & 2	Closed	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION	
Type	VIO
AM K5	Open
AM K6	Closed
CX 6X86	Closed
CX 6X86L	Closed
CX 6X86MX	Closed
IDT C6	Open
P54C	Open
P55C	Closed

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CPU VOLTAGE SELECTION				
Voltage	VID0	VID1	VID2	VID3
2.0v	Open	Open	Open	Open
2.1v	Open	Open	Open	Closed
2.2v	Open	Open	Closed	Open
2.3v	Open	Open	Closed	Closed
2.4v	Open	Closed	Open	Open
2.5v	Open	Closed	Open	Closed
2.6v	Open	Closed	Closed	Open
2.7v	Open	Closed	Closed	Closed
2.8v	Closed	Open	Open	Open
2.9v	Closed	Open	Open	Closed
3.0v	Closed	Open	Closed	Open
3.1v	Closed	Open	Closed	Closed
3.2v	Closed	Closed	Open	Open
3.3v	Closed	Closed	Open	Closed
3.4v	Closed	Closed	Closed	Open
3.5v	Closed	Closed	Closed	Closed

SERIAL PORT SELECTION		
Setting	JP16	JP17
Used as serial port	Pins 1 & 2 closed	Pins 1 & 2 closed
Used as IR port	Pins 2 & 3 closed	Pins 2 & 3 closed