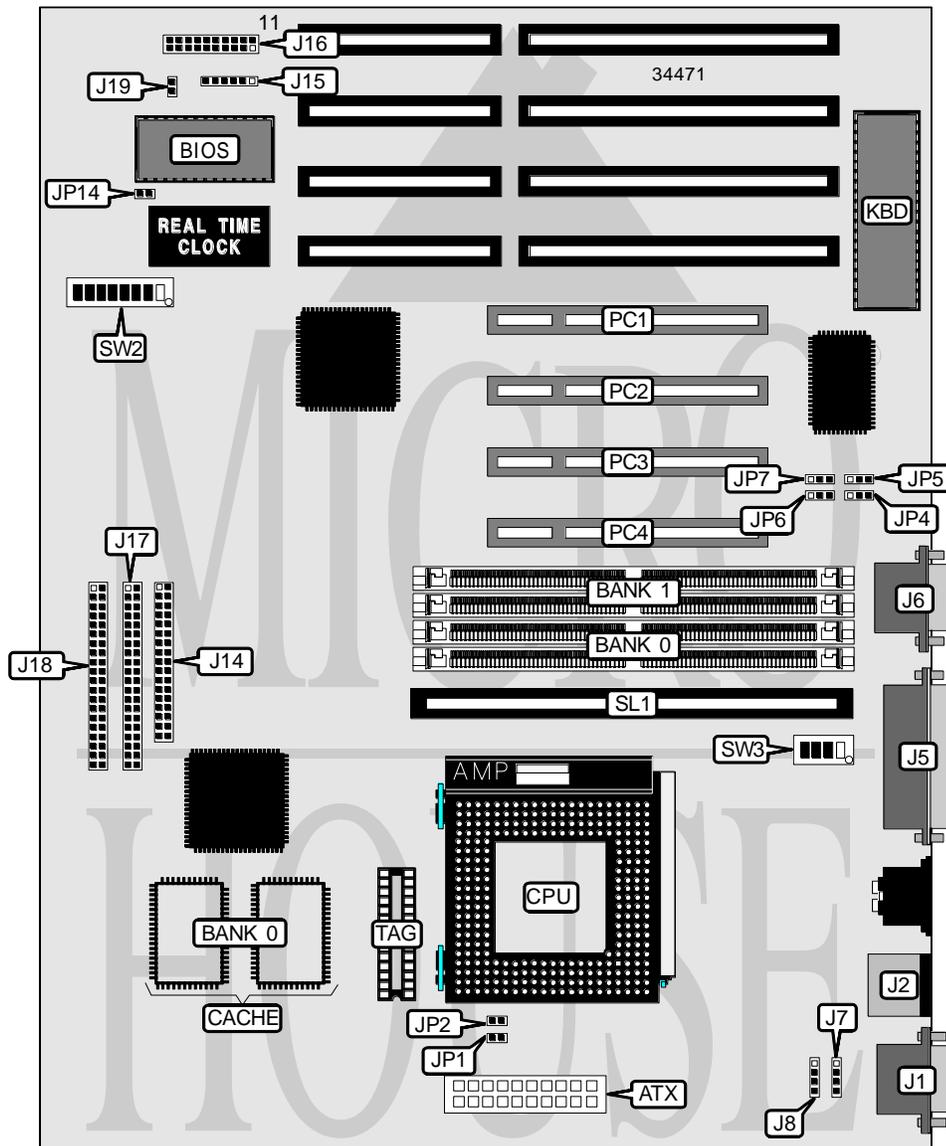


TMC RESEARCH CORPORATION

TI5TH (VER. 1.0B)

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connector, USB connectors (2), ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Green PC connector	J16/pins 6 & 16
Serial port 1	J1	Turbo LED	J16/pins 8 & 18
PS/2 mouse port	J2	Reset switch	J16/pins 9 & 19
Parallel port	J5	IDE interface LED	J16/pins 10 & 20
Serial port 2	J6	Power LED & keylock	J16/pins 11 & 15
USB connector	J7	IDE interface 2	J17
USB connector	J8	IDE interface 1	J18
Floppy drive interface	J14	Soft off power supply	J19
IR connector	J15	32-bit PCI slots	PC1 – PC4
Speaker	J16/pins 1 & 4		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP14	Open
CMOS memory clear	JP14	Closed
í PCI clock select /4	SW2/6	On
PCI clock select /3	SW2/6	Off
í Factory configured - do not alter	SW2/7	Unidentified
í Factory configured - do not alter	SW2/8	Unidentified

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
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
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
256KB	(2) 32K x 32	Not installed	Unidentified
512KB	(2) 32K x 32	256KB module installed	Unidentified

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CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
120MHz	50MHz	2x	On	On	On	On	Off
133MHz	55MHz	2x	Off	Off	Off	On	Off
150MHz	60MHz	2x	On	Off	On	On	Off
166MHz	66MHz	2x	Off	On	Off	On	Off

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
75MHz	50MHz	1.5x	On	On	On	Off	Off
90MHz	60MHz	1.5x	On	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	On	Off	Off	Off
120MHz	60MHz	1.5x	On	Off	On	Off	Off
133MHz	66MHz	1.5x	Off	On	Off	Off	Off

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5
75MHz	50MHz	1.5x	On	On	On	Off	Off
90MHz	60MHz	1.5x	On	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	On	Off	Off	Off
120MHz	60MHz	2x	On	Off	On	On	Off
133MHz	66MHz	2x	Off	On	Off	On	Off
150MHz	60MHz	2.5x	On	Off	On	On	On
166MHz	66MHz	2.5x	Off	On	Off	On	On
180MHz	60MHz	3x	On	Off	On	Off	On
200MHz	66MHz	3x	Off	On	Off	Off	On

CPU TYPE SELECTION		
Type	JP1	JP2
P54C	Closed	Closed
P55C	Open	Open

CPU VOLTAGE SELECTION				
Voltage	SW3/1	SW3/2	SW3/3	SW3/4
2.5v	Off	Off	Off	On
2.8v	Off	Off	On	Off
2.9v	Off	On	Off	Off
3.3v – 3.52v	On	Off	Off	Off

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DMA CHANNEL SELECTION		
Channel	JP4	JP5
1	Pins 1 & 2 closed	Pins 1 & 2 closed
í 3	Pins 2 & 3 closed	Pins 2 & 3 closed

SERIAL PORT 2 SELECTION		
Setting	JP6	JP7
Used as COM2	Pins 1 & 2 closed	Pins 1 & 2 closed
Used as IR connector	Pins 2 & 3 closed	Pins 2 & 3 closed