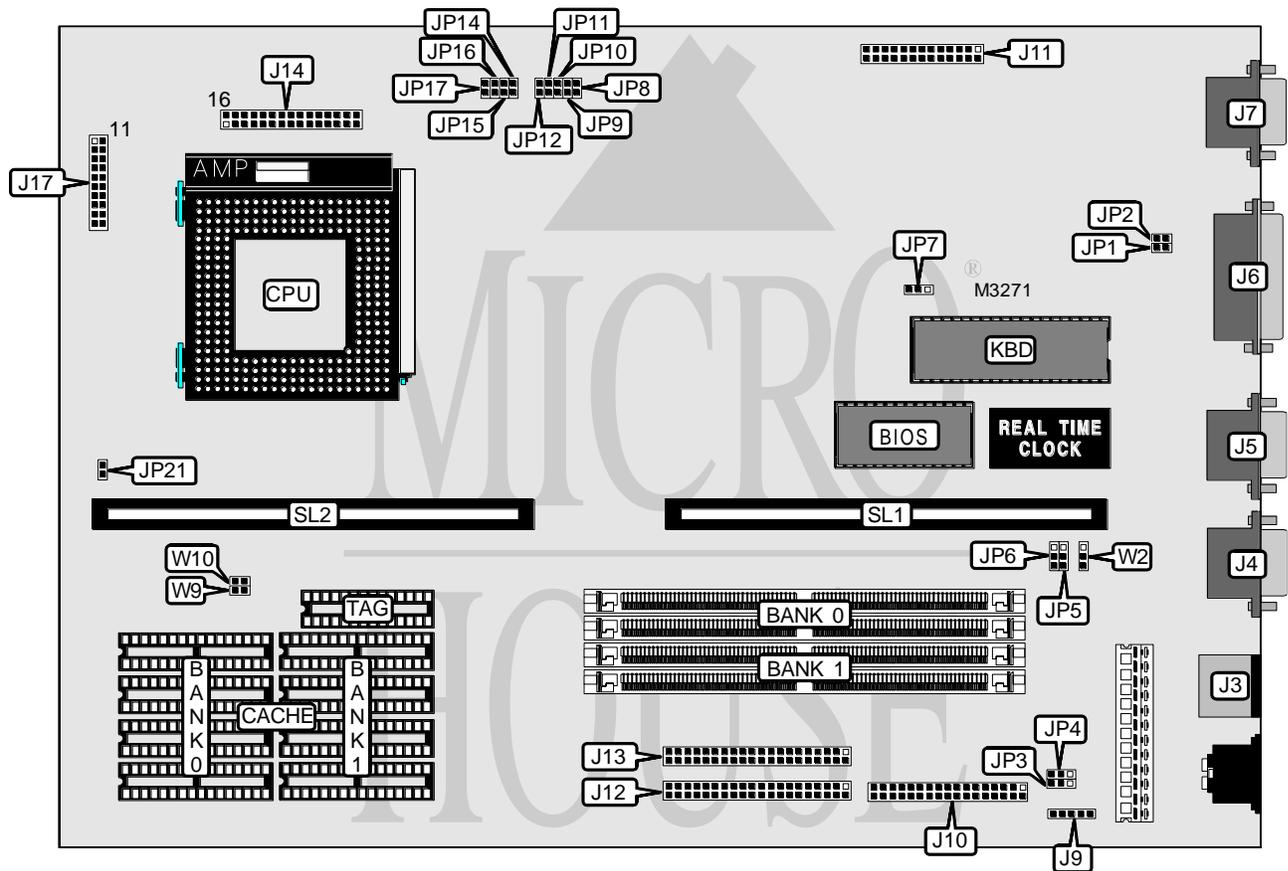


TMC RESEARCH CORPORATION ICT54IT

Processor	Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Unidentified
Maximum Onboard Memory	128MB
Cache	32/64/128/256/512/1024KB
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, VRM connector, cache slot, riser slot, IR connector
NPU Options	None



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CONNECTIONS			
Function	Label	Function	Label
PS/2 mouse port	J3	VRM connector	J14
Serial port 1	J4	Speaker	J17 pins 1 - 4
Serial port 2	J5	Green PC connector	J17 pins 6 & 16
Parallel port	J6	Turbo LED	J17 pins 8 & 18
VGA port	J7	Reset switch	J17 pins 9 & 19
IR connector	J9	IDE interface LED	J17 pins 10 & 20
Floppy drive interface	J10	Power LED & keylock	J17 pins 11 - 15
VGA feature connector	J11	Riser slot	SL1
IDE interface 1	J12	Cache slot	SL2
IDE interface 2	J13		

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í Factory configured - do not alter	JP1	N/A
í On board video enabled	JP2	Open
On board video disabled	JP2	Closed
í Flash BIOS voltage select 5v	JP7	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP7	Pins 1 & 2 closed
í PCI clock select 1/4	JP12	Closed
PCI clock select 1/3	JP12	Open
í Setup access enabled	JP14	Open
Setup access disabled	JP14	Closed
í Password normal operation	JP15	Open
Password memory clear	JP15	Closed
í CMOS memory normal operation	JP16	Open
CMOS memory clear	JP16	Closed
í Riser card select ITC54IT	W2	Pins 2 & 3 closed
Riser card select ITC54PV	W2	Pins 1 & 2 closed

DRAM		
Size	Bank 0	Bank 1
8MB	(2) 1M x 32	None
8MB	None	(2) 1M x 32
16MB	(2) 2M x 32	None
16MB	None	(2) 2M x 32
16MB	(2) 1M x 32	(2) 1M x 32
24MB	(2) 1M x 32	(2) 2M x 32
24MB	(2) 2M x 32	(2) 1M x 32
32MB	(2) 4M x 32	None

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DRAM (CON'T)		
Size	Bank 0	Bank 1
32MB	None	(2) 4M x 32
32MB	(2) 2M x 32	(2) 2M x 32
40MB	(2) 1M x 32	(2) 4M x 32
40MB	(2) 4M x 32	(2) 1M x 32
48MB	(2) 2M x 32	(2) 4M x 32
48MB	(2) 4M x 32	(2) 2M x 32
64MB	(2) 8M x 32	None
64MB	None	(2) 8M x 32
64MB	(2) 4M x 32	(2) 4M x 32
72MB	(2) 1M x 32	(2) 8M x 32
72MB	(2) 8M x 32	(2) 1M x 32
80MB	(2) 2M x 32	(2) 8M x 32
80MB	(2) 8M x 32	(2) 2M x 32
96MB	(2) 4M x 32	(2) 8M x 32
96MB	(2) 8M x 32	(2) 4M x 32
128MB	(2) 8M x 32	(2) 8M x 32

CACHE SIZE				
Size	Bank 0	Bank 1	TAG	SL1
256KB (A)	(4) 32K x 8	(4) 32K x 8	(1) 8K/16K/32K x 8	Not installed
256KB (B)	None	None	None	Installed
512KB (A)	(4) 64K x 8	(4) 64K x 8	(1) 16K/32K x 8	Not installed
512KB (B)	None	None	None	Installed

CACHE JUMPER	
Size	JP21
256KB (A)	Open
512KB (A)	Closed

L2 CACHE JUMPER		
Setting	W9	W10
Disabled	Open	Open
Enabled	Closed	Closed

CPU TYPE	
Setting	JP17
VRE	Open
VR	Closed

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CPU SPEED		
Setting	JP8	JP9
75MHz	Open	Open
90MHz	Open	Closed
100MHz	Closed	Closed
120MHz	Open	Closed
133MHz	Closed	Closed
150MHz	Open	Closed
166MHz	Closed	Closed
180MHz	Open	Closed
200MHz	Closed	Closed

CPU MULTIPLIER		
Setting	JP10	JP11
1.5x	Open	Open
2x	Closed	Open
2.5x	Closed	Closed
3x	Open	Closed

VRM	
Setting	J14
P54C	Pins 4 & 5, 6 & 7, 19 & 20, 21 & 22 closed
P54CT	Pins 4 & 5, 6 & 7, 19 & 20, 21 & 22 closed
P55C	VRM installed

DMA CHANNEL		
Setting	JP5	JP6
DMA1	Pins 1 & 2 closed	Pins 1 & 2 closed
í DMA3	Pins 2 & 3 closed	Pins 2 & 3 closed

SER2/IR		
Setting	JP3	JP4
í SER2	Pins 1 & 2 closed	Pins 1 & 2 closed
IR	Pins 2 & 3 closed	Pins 2 & 3 closed

VIDEO MEMORY		
Size	U15/U24	U13/U16/U22/U24
2MB	2MB	None
4MB	2MB	2MB

Note: The location and chip sizes of the video memory is unidentified.