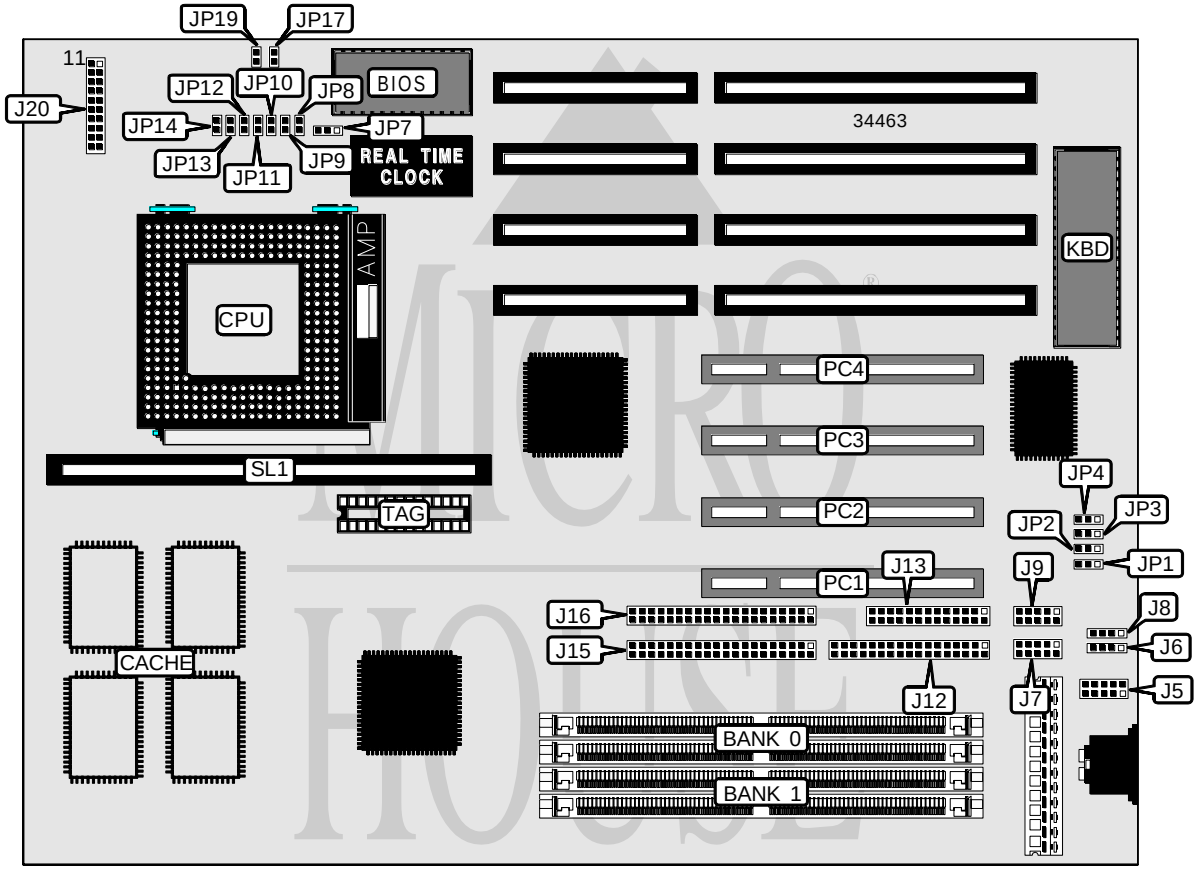
TMC RESEARCH CORPORATION
A I 5 T H (V E R . 1 . 0 E)

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB
Maximum Video Memory	None
Cache	256/512KB
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), cache slot, IR connector, USB connector
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
USB connector 1	J6	Speaker	J20/pins 1 & 4
Serial port 1	J7	Green PC connector	J20/pins 6 & 16
USB connector 2	J8	Turbo LED	J20/pins 8 & 18
Serial port 2	J9	Reset switch	J20/pins 9 & 19
Floppy drive interface	J12	IDE interface LED	J20/pins 10 & 20
Parallel port	J13	Power LED & keylock	J20/pins 11 & 15
IDE interface 1	J15	32-bit PCI slots	PC1 – PC4
IDE interface 2	J16	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Flash BIOS voltage select 5v	JP7	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP7	Pins 1 & 2 closed
í PCI CLK select /4	JP13	Closed
PCI CLK select /3	JP13	Open
í CMOS memory normal operation	JP17	Open
CMOS memory clear	JP17	Closed

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1Mx 32	None
16MB	(2) 2Mx 32	None
16MB	(2) 1Mx 32	(2) 1Mx 32
24MB	(2) 2Mx 32	(2) 1Mx 32
32MB	(2) 4Mx 32	None
32MB	(2) 2Mx 32	(2) 2Mx 32
40MB	(2) 4Mx 32	(2) 1Mx 32
48MB	(2) 4Mx 32	(2) 2Mx 32
64MB	(2) 8Mx 32	None
64MB	(2) 4Mx 32	(2) 4Mx 32
72MB	(2) 8Mx 32	(2) 1Mx 32
80MB	(2) 8Mx 32	(2) 2Mx 32
96MB	(2) 8Mx 32	(2) 4Mx 32
128MB	(2) 8Mx 32	(2) 8Mx 32
128MB	(2) 16Mx 32	None
136MB	(2) 16Mx 32	(2) 1Mx 32
144MB	(2) 16Mx 32	(2) 2Mx 32
192MB	(2) 16Mx 32	(2) 8Mx 32
256MB	(2) 16Mx 32	(2) 16Mx 32
Note: Board accepts EDO memory.		

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CACHE CONFIGURATION
Note: The cache configuration is unidentified.

CPU SPEED SELECTION (CYRIX)							
CPU speed	**Clock speed**	**Multiplier**	**JP8**	**JP9**	**JP10**	**JP11**	**JP12**
120MHz	50MHz	2x	Closed	Closed	Closed	Closed	Open
133MHz	55MHz	2x	Closed	Open	Open	Closed	Open
150MHz	60MHz	2x	Closed	Open	Closed	Closed	Open
166MHz	66MHz	2x	Open	Closed	Open	Closed	Open

CPU SPEED SELECTION (AMD)							
CPU speed	**Clock speed**	**Multiplier**	**JP8**	**JP9**	**JP10**	**JP11**	**JP12**
75MHz	50MHz	1.5x	Closed	Closed	Closed	Open	Open
90MHz	60MHz	1.5x	Closed	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open	Open
120MHz	60MHz	1.5x	Closed	Open	Closed	Open	Open
133MHz	66MHz	1.5x	Open	Closed	Open	Open	Open
150MHz	60MHz	2.5x	Closed	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Open	Closed	Closed

CPU SPEED SELECTION (INTEL)							
CPU speed	**Clock speed**	**Multiplier**	**JP8**	**JP9**	**JP10**	**JP11**	**JP12**
75MHz	50MHz	1.5x	Closed	Closed	Closed	Open	Open
90MHz	60MHz	1.5x	Closed	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open	Open
120MHz	60MHz	2x	Closed	Open	Closed	Closed	Open
133MHz	66MHz	2x	Open	Closed	Open	Closed	Open
150MHz	60MHz	2.5x	Closed	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Open	Closed	Closed
200MHz	66MHz	3x	Open	Closed	Open	Open	Closed

CPU VOLTAGE SELECTION		
Voltage	**JP14**	**JP19**
Single	Closed	Open
Dual	Open	Closed

DMA CHANNEL SELECTION		
Channel	**JP3**	**JP4**
1	Pins 1 & 2 closed	Pins 1 & 2 closed
í 3	Pins 2 & 3 closed	Pins 2 & 3 closed

SERIAL PORT 2 SELECTION		
Setting	**JP1**	**JP2**
Used as COM2	Pins 1 & 2 closed	Pins 1 & 2 closed
í Used as IR connector	Pins 2 & 3 closed	Pins 2 & 3 closed