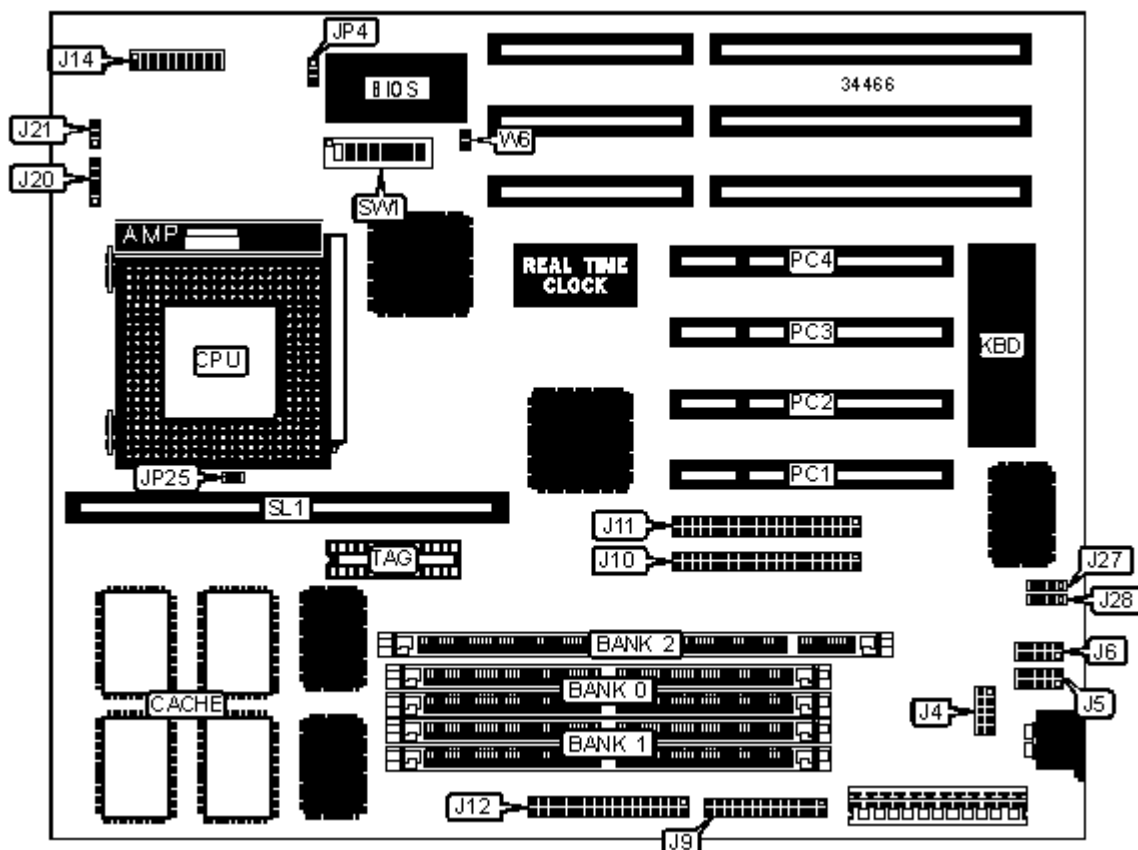


# TMC RESEARCH CORPORATION

## AI5TV (VER. 1.3C)

<b>Processor</b>	CX M1/AM K5/Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/200MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	128MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connectors (2)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse interface	J4	Reset switch	J14/pins 9 & 19
Serial port 1	J5	IDE interface LED	J14/pins 10 & 20
Serial port 2	J6	Power LED & keylock	J14/pins 11 & 15
Parallel port	J9	IR connector	J20
IDE interface 1	J10	Chassis fan power	J21
IDE interface 2	J11	USB connector	J27
Floppy drive interface	J12	USB connector	J28
Speaker	J14/pins 1 & 4	32-bit PCI slots	PC1 – PC4
Turbo LED	J14/pins 8 & 18	Cache slot	SL1

USER CONFIGURABLE SETTINGS			
Function		Label	Position
	Flash BIOS voltage select 12v	JP4	Pins 1 & 2 closed
	Flash BIOS voltage select 5v	JP4	Pins 2 & 3 closed
»	CMOS memory normal operation	W6	Open

	CMOS memory clear	W6	Closed
»	PCI clock speed select /4	SW1/1	On
	PCI clock speed select /3	SW1/1	Off
»	Factory configured - do not alter	SW1/4	Unidentified

<b>DRAM CONFIGURATION</b>		
<b>Size</b>	<b>Bank 0</b>	<b>Bank 1</b>
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
Note: Board accepts EDO memory.		

DIMM CONFIGURATION	
Size	Bank 2
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64

CACHE CONFIGURATION
Note: Board accepts 256KB/512KB cache. The configuration is unidentified.

CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	SW1/3	SW1/5	SW1/6	SW1/7	SW1/8
120MHz	50MHz	2x	On	Off	On	On	On
133MHz	55MHz	2x	Off	Off	On	On	On

150MHz	60MHz	2x	On	Off	On	On	Off
166MHz	66MHz	2x	On	Off	On	Off	On

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	SW1/3	SW1/5	SW1/6	SW1/7	SW1/8
75MHz	50MHz	1.5x	On	Off	Off	On	On
90MHz	60MHz	1.5x	On	Off	Off	On	Off
100MHz	66MHz	1.5x	On	Off	Off	Off	On
120MHz	60MHz	1.5x	On	Off	Off	On	Off
133MHz	66MHz	1.5x	On	Off	Off	Off	On

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	SW1/3	SW1/5	SW1/6	SW1/7	SW1/8
75MHz	50MHz	1.5x	On	Off	Off	On	On
90MHz	60MHz	1.5x	On	Off	Off	On	Off
100MHz	66MHz	1.5x	On	Off	Off	Off	On
120MHz	60MHz	2x	On	Off	On	On	Off
133MHz	66MHz	2x	On	Off	On	Off	On
150MHz	60MHz	2.5x	On	On	On	On	Off

166MHz	66MHz	2.5x	On	On	On	Off	On
200MHz	66MHz	3x	On	On	Off	Off	On

<b>CPU VOLTAGE SELECTION</b>			
<b>Voltage</b>	<b>V core</b>	<b>SW1/2</b>	<b>JP25</b>
3.3v	2.8v	Off	Open
3.5v	3.5v	On	Closed