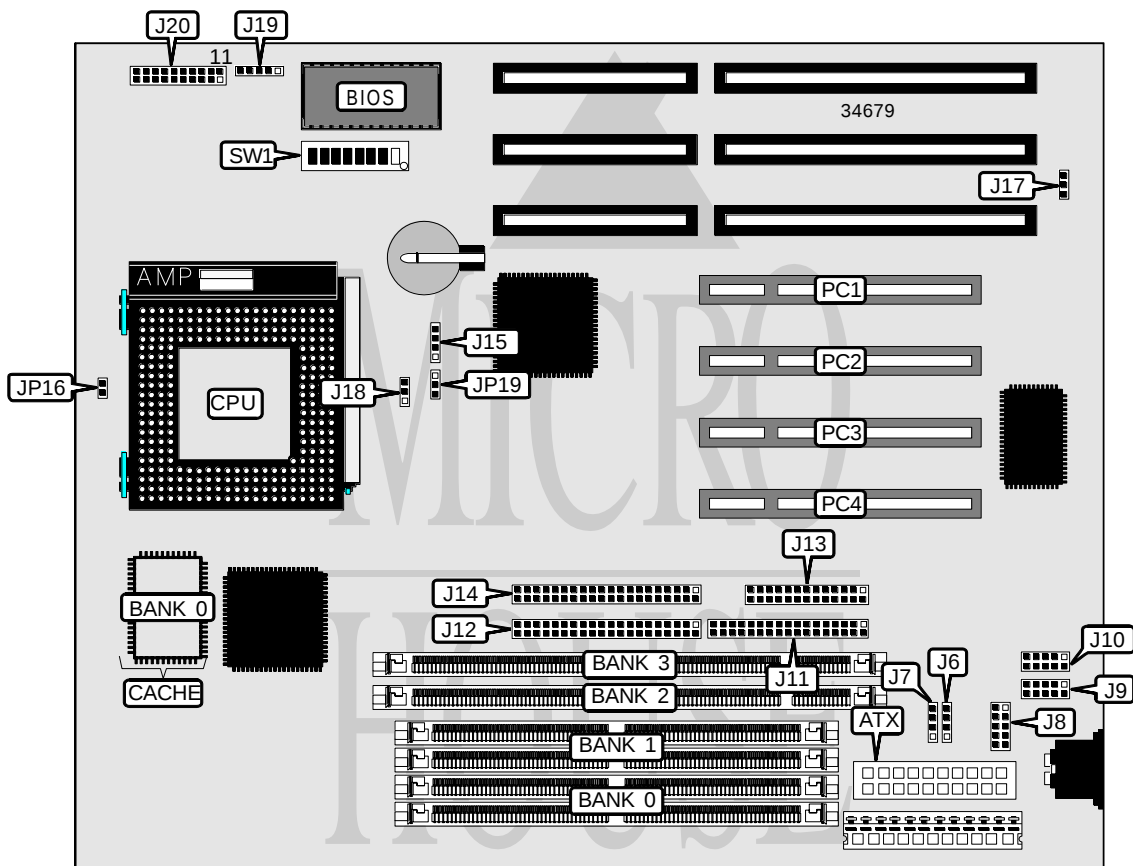


TMC RESEARCH CORPORATION

AI5TT (VER. 1.1)

Processor	CX 6X86L/CX 686MX/AM K5/AM K6/Pentium
Processor Speed	90/100/120/133/150/166/200/233MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Chassis fan power	J17
USB connector	J6	CPU fan power	J18
USB connector	J7	IR connector	J19
PS/2 mouse port	J8	Speaker	J20/pins 1 - 4
Serial port 1	J9	Green PC connector	J20/pins 6 & 16
Serial port 2	J10	Turbo LED	J20/pins 8 & 18
Floppy drive interface	J11	Reset switch	J20/pins 9 & 19
IDE interface 1	J12	IDE interface LED	J20/pins 10 & 20
Parallel port	J13	Power LED & keylock	J20/pins 11 - 15
IDE interface 2	J14	32-bit PCI slots	PC1 – PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Battery type select internal	J15	Pins 3 & 4 closed
Battery type select external	J15	Open
í Factory configured - do not alter	JP16	Unidentified
í CMOS memory normal operation	JP19	Open
CMOS memory clear	JP19	Pins 2 & 3 closed

SIMM 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
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory.		

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DIMM CONFIGURATION		
Size	Bank 2	Bank 3
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64

CACHE CONFIGURATION	
Size	Bank 0
512KB	(1) 64K x 64

CPU SPEED SELECTION (CX 6X86L)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
150MHz	60MHz	2x	On	On	On	Off
166MHz	66MHz	2x	Off	Off	On	Off

CPU SPEED SELECTION (CX 6X86MX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	60MHz	2.5x	On	On	On	On
200MHz	66MHz	2.5x	Off	Off	On	On
233MHz	66MHz	3x	Off	Off	Off	On

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
100MHz	66MHz	1.5x	Off	Off	Off	Off
133MHz	66MHz	1.5x	Off	Off	On	Off
166MHz	66MHz	1.75x	Off	Off	On	On

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	1.75x	Off	Off	On	On
200MHz	66MHz	3x	Off	Off	Off	On
233MHz	66MHz	3.5x	Off	Off	Off	Off

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CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
90MHz	60MHz	1.5x	On	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off
120MHz	60MHz	2x	On	On	On	Off
133MHz	66MHz	2x	Off	Off	On	Off
150MHz	60MHz	2.5x	On	On	On	On
166MHz	66MHz	2.5x	Off	Off	On	On
200MHz	66MHz	3x	Off	Off	Off	On
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU VOLTAGE SELECTION (SINGLE)				
Voltage	SW1/5	SW1/6	SW1/7	SW1/8
3.5v	On	On	On	On

CPU VOLTAGE SELECTION (DUAL)					
Voltage	V core	SW1/5	SW1/6	SW1/7	SW1/8
3.3v	2.1v	On	Off	Off	Off
3.3v	2.6v	Off	On	On	Off
3.3v	2.7v	On	On	On	Off
3.3v	2.8v	Off	Off	Off	On
3.3v	2.9v	On	Off	Off	On
3.3v	3.0v	Off	On	Off	On
3.3v	3.2v	Off	Off	On	On
3.3v	3.5v	On	On	On	On