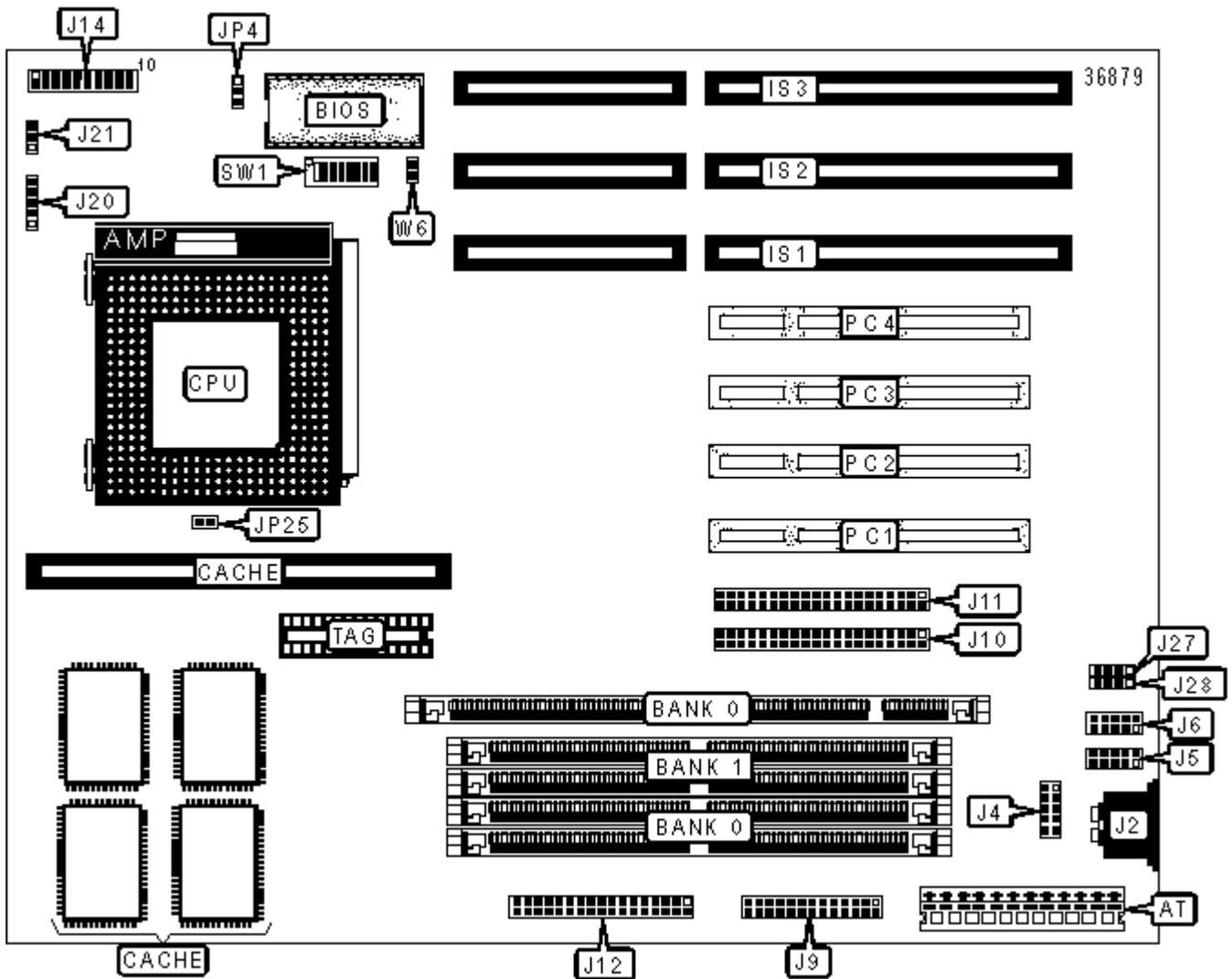


TMC RESEARCH CORPORATION

AI5TV (VER. 1.3D)

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/AM K5/AM K6 Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel 430VX
Maximum Onboard Memory	128MB (EDO supported)
Cache	256/512KB
BIOS	NCR
Dimensions	Unidentified
I/O Options	16-bit ISA slots (3), 32-bit PCI slots (4), AT keyboard port, AT power connector, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial interfaces (2), cache slot, IR connector, USB interfaces (2)



CONNECTIONS

Purpose	Location	Purpose	Location
AT power connector	AT	Speaker	J14/Pins 1 - 4

Cache slot	CACHE	Turbo LED	J14/Pins 8 & 16
16-bit ISA slots	IS1 - IS3	Reset switch	J14/Pins 9 & 18
AT keyboard/mouse interface	J2	Power LED & keylock	J14/Pins 11 - 15
PS/2 mouse interface	J4	IDE interface LED	J14/Pins 10 & 20
Serial interface 1	J5	IR connector	J20
Serial interface 2	J6	CPU fan power	J21
Parallel interface	J9	USB interface 1	J27
IDE interface 1	J10	USB interface 2	J28
IDE interface 2	J11	32-bit PCI slots	PC1 - PC4
Floppy drive interface	J12		

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
»	PCI clock/4 selected	SW1/1	On
	PCI clock/3 selected	SW1/1	Off
»	Factory configured - do not alter	SW1/4	Off
»	CMOS memory normal operation	W6	Open
	CMOS memory clear	W6	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

Note: Neither SIMM Bank 1 nor DIMM Bank 0 can be installed at the same time.

DIMM CONFIGURATION

Size	Bank 0
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64

CPU SPEED SELECTION (CX 6X86)

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	65MHz	2x	On	Off	On	Off	On

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	SW1/3	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	65MHz	2x	On	Off	On	Off	On

CPU SPEED SELECTION (AM K5)

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
150MHz	60MHz	1.75x	On	On	On	On	Off
166MHz	66MHz	1.75x	On	On	On	Off	On

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	SW1/3	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	66MHz	1.75x	On	On	On	Off	On
200MHz	66MHz	3x	On	On	Off	Off	On

CPU SPEED SELECTION (PENTIUM)

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

CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	SW1/3	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2.5x	On	On	On	Off	On
200MHz	66MHz	3x	On	On	Off	Off	On
233MHz	66MHz	3.5x	On	Off	Off	Off	On

CPU VOLTAGE SELECTION			
Voltage core	Voltage I/O	JP25	SW1/2
2.8V	2.8V	Open	Off
3.5V	3.5V	Closed	On