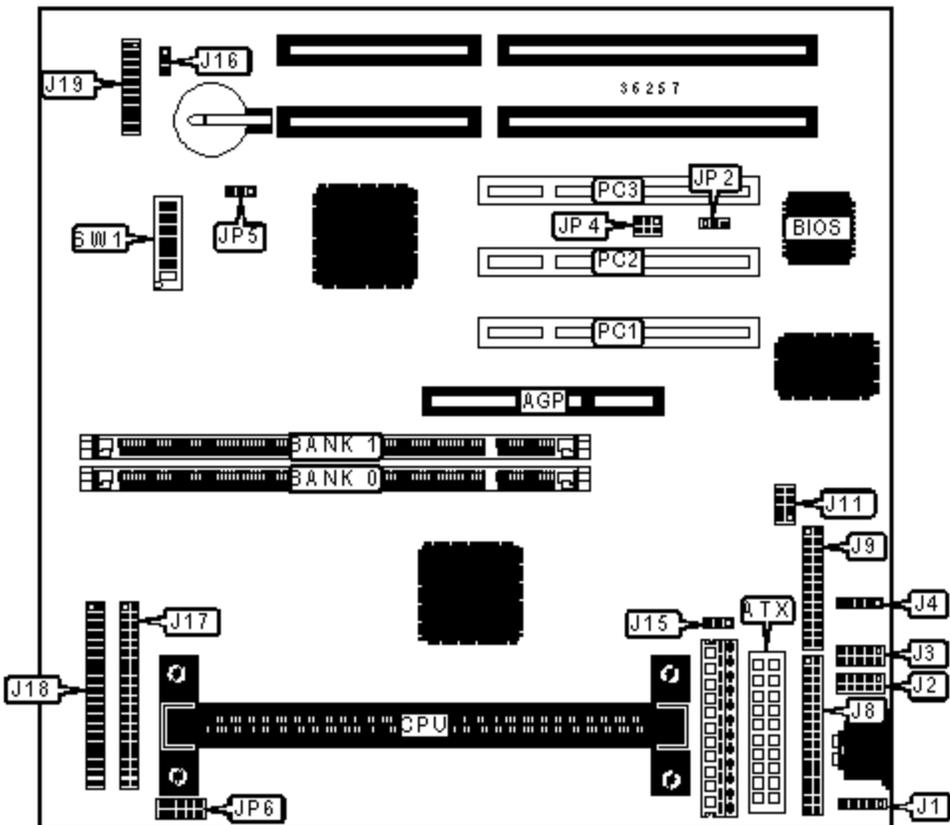


TMC RESEARCH CORPORATION

AI6NE (VER. 1.0)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel 440LX/EX
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, ATX power connector, AGP slot, SB-link connector, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 2	J17
ATX power connector	ATX	IDE interface 1	J18
PS/2 mouse interface	J1	Speaker	J19/pins 1 - 4
Serial port 1	J2	Soft off power supply	J19/pins 7 & 17
Serial port 2	J3	Turbo LED	J19/pins 8 & 18
IR connector	J4	Reset switch	J19/pins 9 & 19
Floppy drive interface	J8	IDE interface LED	J19/pins 10 &

			20
Parallel port	J9	Power LED & keylock	J19/pins 11 - 15
USB connector	J11	Wake on LAN connector	JP2
CPU fan power	J15	SB-link connector	JP4
Chassis fan power	J16	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP5	Pins 1 & 2 closed
	CMOS memory clear	JP5	Pins 2 & 3 closed
»	Factory configured - do not alter	JP6	Unidentified

DIMM CONFIGURATION

Size	Bank 0	Bank 1
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO & SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	Off	Off	Off	Off
266MHz	66MHz	4x	Off	Off	Off	Off
300MHz	66MHz	4.5x	Off	Off	Off	Off
333MHz	66MHz	5x	Off	Off	Off	Off

CPU SPEED SELECTION, CON'T

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
233MHz	66MHz	3.5x	On	Off	Off	On
266MHz	66MHz	4x	Off	On	On	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	Off	Off	On	On