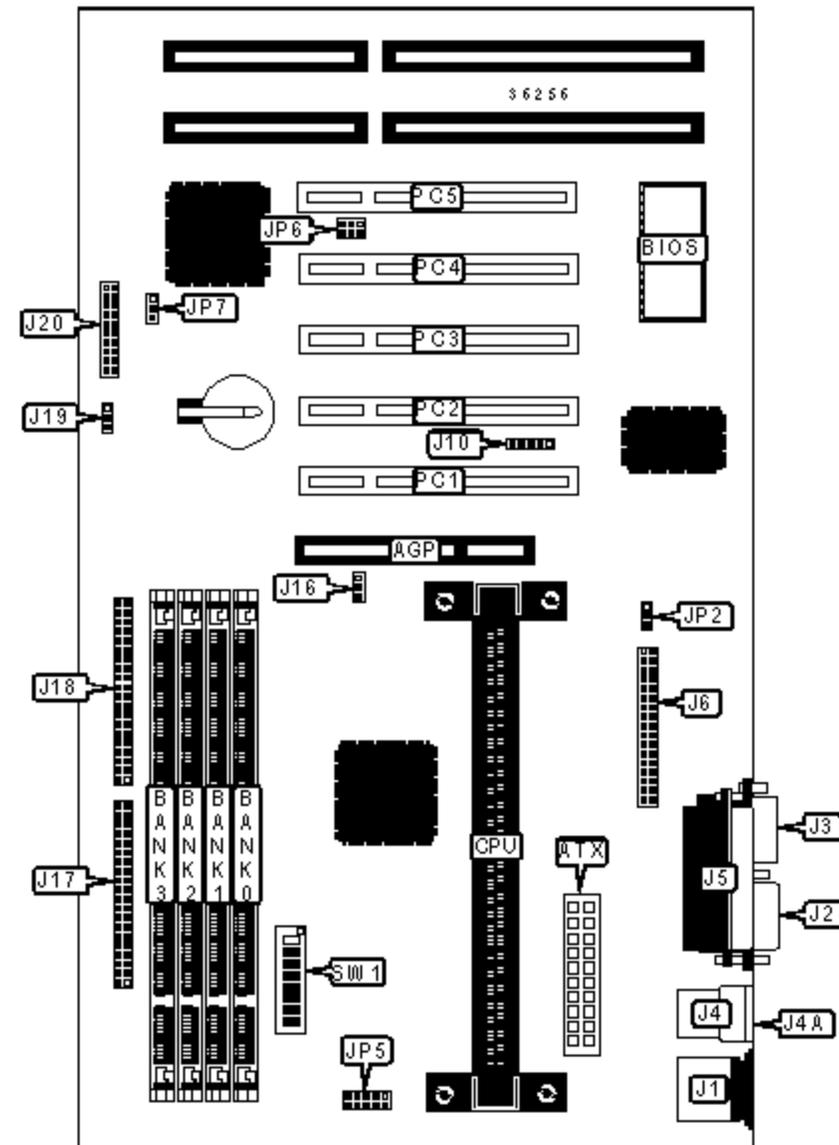


TMC RESEARCH CORPORATION

TI6NL (VER. 2.0A)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel 440LX
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 175mm
I/O Options	32-bit PCI slots (5), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector, wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 1	J18
ATX power connector	ATX	Chassis fan power	J19

PS/2 mouse port	J1	Speaker	J20/pins 1 - 4
Serial port 1	J2	Soft off power supply	J20/pins 7 & 17
Serial port 2	J3	Turbo LED	J20/pins 8 & 18
USB connector 1	J4	Reset switch	J20/pins 9 & 19
USB connector 2	J4A	IDE interface LED	J20/pins 10 & 20
Parallel port	J5	Power LED & keylock	J20/pins 11 - 15
Floppy drive interface	J6	Wake on LAN connector	JP2
IR connector	J10	SB-link connector	JP6
CPU fan power	J16	32-bit PCI slots	PC1 - PC5
IDE interface 2	J17		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	JP5	Open
»	CMOS memory normal operation	JP7	Pins 1 & 2 closed
	CMOS memory clear	JP7	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64			
40MB	(1) 4M x 64	(1) 1M x 64	None	None

48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64

320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(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