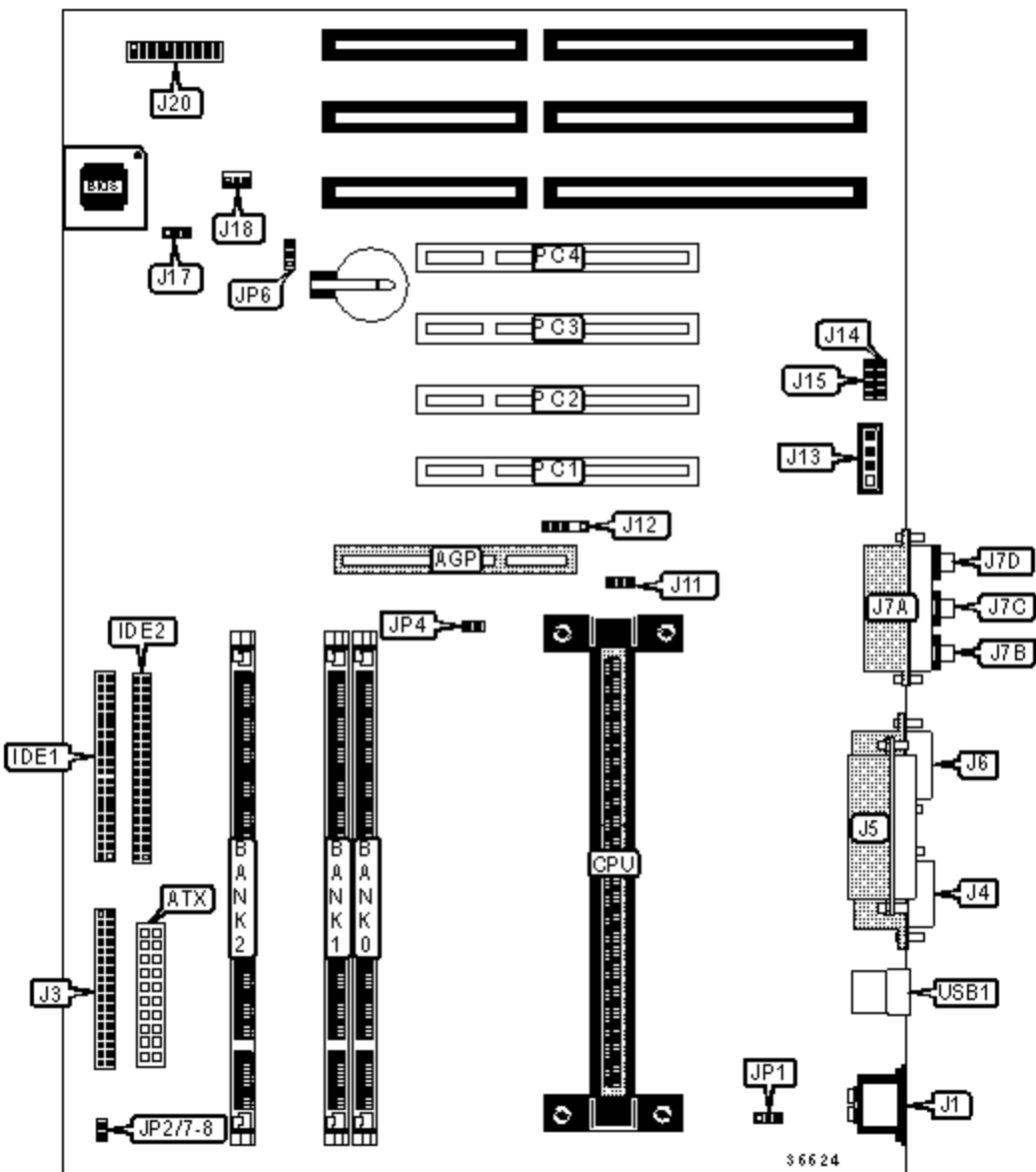


TMC RESEARCH CORPORATION

TI6VGA (VER. 1.0A)

Device Type	Mainboard
Processor	Celeron/Pentium II
Processor Speed	233/266/300/300A/333/400/450MHz
Chip Set	VIA
Audio Chip Set	Creative Labs Inc.
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 200mm
I/O Options (backplane)	32-bit PCI slots (4), floppy drive interface, game port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB port, ATX power connector, AGP slot, line in, line out, microphone in, audio in - CD-ROM (2), Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Audio in - CD-ROM	J13

ATX power connector	ATX	Audio in - CD-ROM	J14
IDE interface 1	IDE1	Unidentified	J15
IDE interface 2	IDE2	Wake-on-LAN connector	J17
PS/2 mouse port	J1	Chassis fan power	J18
Floppy drive interface	J3	Speaker	J20/Pins 1 - 4
Serial port 1	J4	Power LED & keylock	J20/Pins 11 - 15
Parallel port	J5	Unidentified	J20/Pins 6 & 16
Serial port 2	J6	ATX power on switch	J20/Pins 7 & 17
Game port	J7A	Turbo LED connector	J20/Pins 8 & 18
Line out	J7B	Reset switch	J20/Pins 9 & 19
Line in	J7C	IDE interface LED	J20/Pins 10 & 20
Microphone in	J7D	32-bit PCI slots	PC1 - PC4
CPU fan power	J11	USB port	USB1
IR connector	J12		

USER CONFIGURABLE SETTINGS

Function		Label	Position
	Set SDRAM CPU clock	JP2/7 - 8	Open
	Set SDRAM AGP clock	JP2/7 - 8	Closed
»	Host frequency autodetected	JP4	Closed
	Host frequency at 100 MHz	JP4	Open
»	CMOS memory normal operation	JP6	Pins 1 & 2 closed
	CMOS memory clear	JP6	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None

16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board supports EDO & SDRAM memory. This board will have 2 Dimm sockets or 2 Dimm sockets; 64MB in place of the 3rd Dimm socket.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A and greater CPUs.