DTK COMPUTER, INC.

PRM-0076I (VER. 3.01)

Configuration

35591
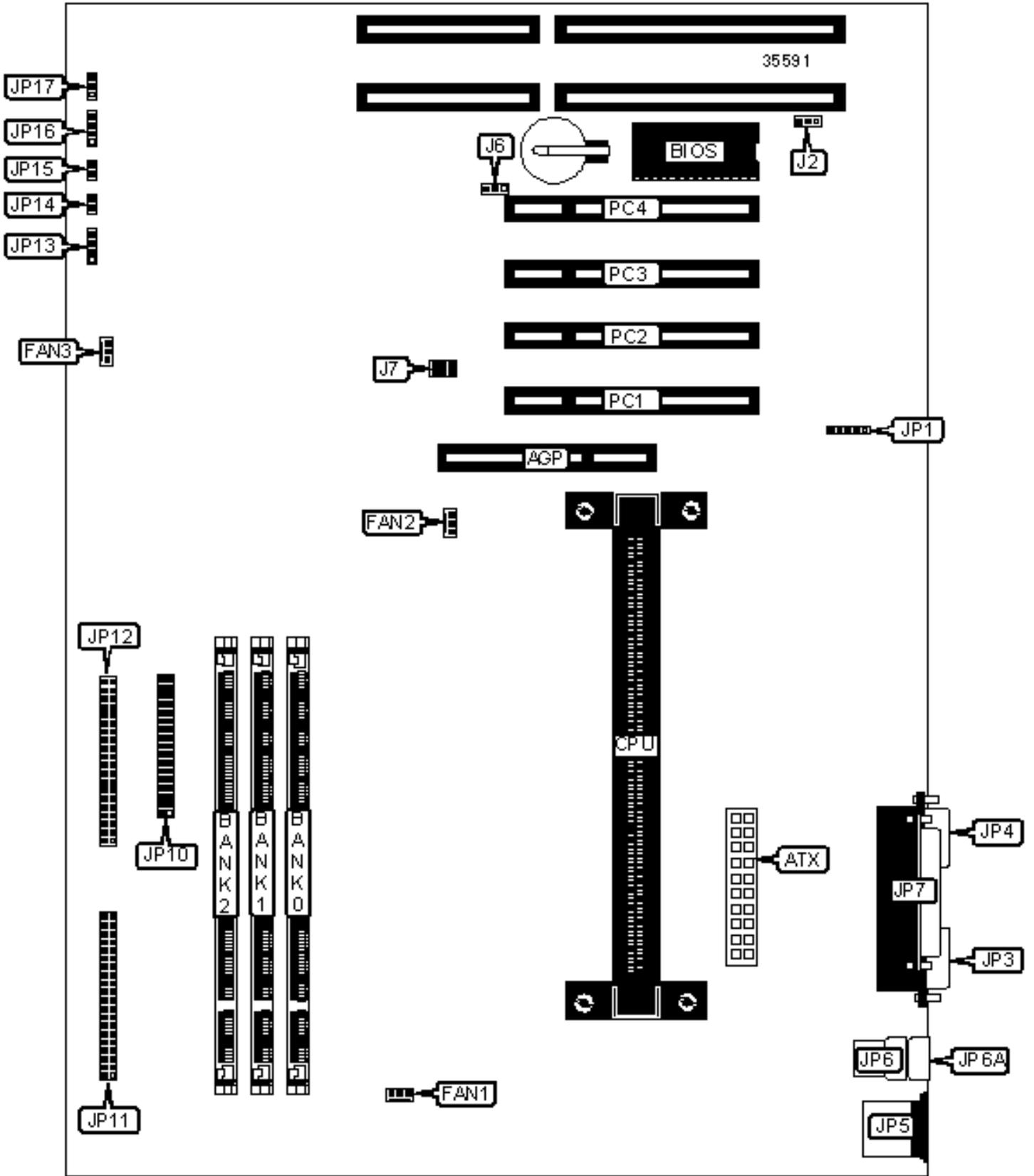
CONNECTIONS

Purpose	Location	Purpose	Location
CPU fan power	FAN1	Parallel port	JP7
System fan power	FAN2	Floppy drive interface	JP10
System fan power	FAN3	IDE interface 2	JP11
ATX power connector	ATX	IDE interface 1	JP12
IR connector	JP1	IDE interface LED	JP13
Serial port 1	JP3	Power on/off switch connector	JP14
Serial port 2	JP4	Power LED	JP15
PS/2 mouse port	JP5	Reset switch	JP16
USB connector 1	JP6	Speaker	JP17
USB connector 2	JP6A	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Flash BIOS voltage select 5v	J2	Pins 1 & 2 closed
	Flash BIOS voltage select 12v	J2	Pins 2 & 3 closed
»	CMOS memory normal operation	J6	Pins 1 & 2 closed
	CMOS memory clear	J6	Pins 2 & 3 closed

DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1MB x 64	None	None	None
16MB	(1) 1MB x 64	(1) 1MB x 64	None	None
16MB	(1) 2MB x 64	None	None	None
24MB	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64	None

Size	Bank 0	Bank 1	Bank 2	Bank 3
24MB	(1) 2MB x 64	(1) 1MB x 64	None	None
32MB	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64
32MB	(1) 2MB x 64	(1) 2MB x 64	None	None
32MB	(1) 4MB x 64	None	None	None
32MB	(1) 2MB x 64	(1) 1MB x 64	(1) 1MB x 64	None
48MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64	None
48MB	(1) 4MB x 64	(1) 2MB x 64	None	None
64MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64
64MB	(1) 4MB x 64	(1) 4MB x 64	None	None
64MB	(1) 8MB x 64	None	None	None
64MB	(1) 4MB x 64	(1) 2MB x 64	(1) 2MB x 64	None
96MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	None
96MB	(1) 8MB x 64	(1) 4MB x 64	None	None
120MB	(1) 8MB x 64	(1) 4MB x 64	(1) 2MB x 64	(1) 1MB x 64
128MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64
128MB	(1) 8MB x 64	(1) 8MB x 64	None	None
128MB	(1) 16MB x 64	None	None	None
128MB	(1) 8MB x 64	(1) 4MB x 64	(1) 4MB x 64	None
192MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	None
192MB	(1) 16MB x 64	(1) 8MB x 64	None	None

DRAM CONFIGURATION (CONT.)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
240MB	(1) 16MB x 64	(1) 8MB x 64	(1) 4MB x 64	(1) 2MB x 64
256MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64
256MB	(1) 16MB x 64	(1) 16MB x 64	None	None

256MB	(1) 32MB x 64	None	None	None
256MB	(1) 16MB x 64	(1) 8MB x 64	(1) 8MB x 64	None
384MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	None
384MB	(1) 32MB x 64	(1) 16MB x 64	None	None
448MB	(1) 32MB x 64	(1) 16MB x 64	(1) 8MB x 64	(1) 4MB x 64
512MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64
512MB	(1) 32MB x 64	(1) 32MB x 64	None	None
512MB	(1) 32MB x 64	(1) 16MB x 64	(1) 16MB x 64	None
768MB	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64	None

Note: Maximum memory using SDRAM is 384MB, and 768MB using EDO memory.

CPU SPEED SELECTION

The 256/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A and 333

CPU SPEED SELECTION

CPU Speed	Clock Speed	Multiplier	JP7/pins 1 & 2	JP7/pins 3 & 4	JP7/pins 5 & 6
233MHz	66MHz	3.5x	Open	Open	Closed
266MHz	66MHz	4x	Closed	Closed	Open
300MHz	66MHv	4.5x	Open	Closed	Open
333MHz	66MHz	5x	Closed	Open	Open