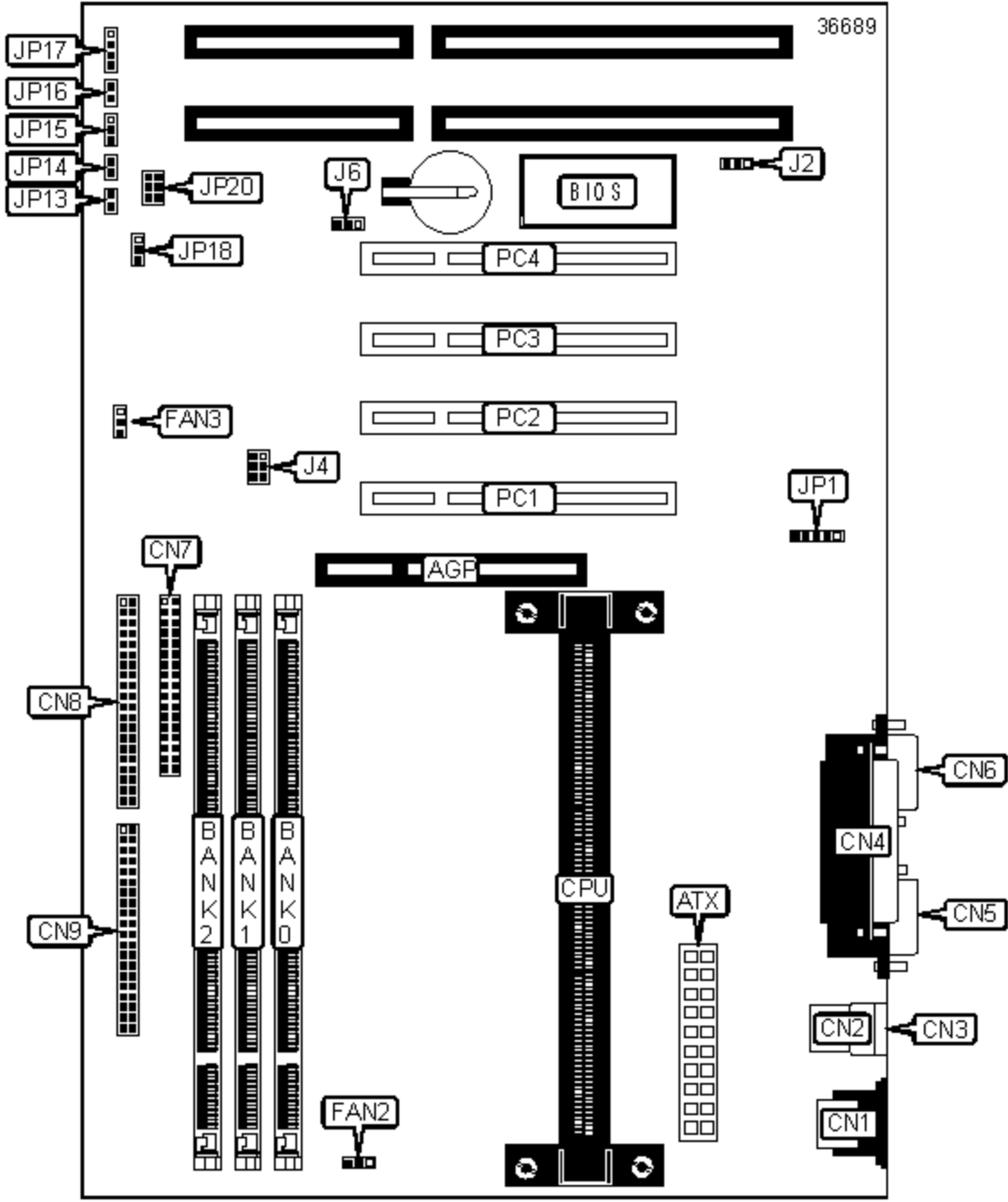


DTK COMPUTER, INC.

PRM-0080I VBX (VER. 1.00)

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300A/333/366/400/450MHz
Chip Set	VIA BX
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 180MM
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, Wake-on-LAN connector, SB-link connector



CONNECTIONS

Location	Location
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Purpose	Location	Purpose	Location
AGP slot	AGP	CPU fan power	FAN2
ATX power connector	ATX	System fan power	FAN3
PS/2 mouse port	CN1	IR connector	JP1
USB port 1	CN2	IDE interface LED	JP13
USB port 2	CN3	Power switch	JP14
Parallel port	CN4	Power LED	JP15
Serial port 1	CN5	Reset switch	JP16
Serial port 2	CN6	PC speaker	JP17
Floppy drive interface	CN7	Wake-on-LAN connector	JP18
IDE interface 1	CN8	SB-link connector	JP20
IDE interface 2	CN9	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

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) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory.

CACHE CONFIGURATION

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

CPU SPEED SELECTION (PENTIUM II)

CPU Speed	Clock Speed	Multiplier	J4/Pins 1 & 2	J4/Pins 3 & 4	J7/Pins 5 & 6
233MHz	66MHz	3.5x	Open	Open	Closed
266MHz	66MHz	4x	Closed	Closed	Open
300MHz	66MHz	4.5x	Open	Closed	Open
333MHz	66MHz	5x	Closed	Open	Open
350MHz	100MHz	3.5x	Open	Open	Closed
400MHz	100MHz	4x	Closed	Closed	Open
450MHz	100MHz	4.5x	Open	Closed	Open

CPU SPEED SELECTION (CELERON)

CPU Speed	Clock Speed	Multiplier	J4/Pins 1 & 2	J4/Pins 3 & 4	J7/Pins 5 & 6
266MHz	66MHz	4x	Closed	Closed	Open
300MHz	66MHz	4.5x	Open	Closed	Open
333MHz	66MHz	5x	Closed	Open	Open
366MHz	66MHz	5.5x	Open	Open	Open
400MHz	100MHz	4x	Closed	Closed	Open
450MHz	100MHz	4.5x	Open	Closed	Open