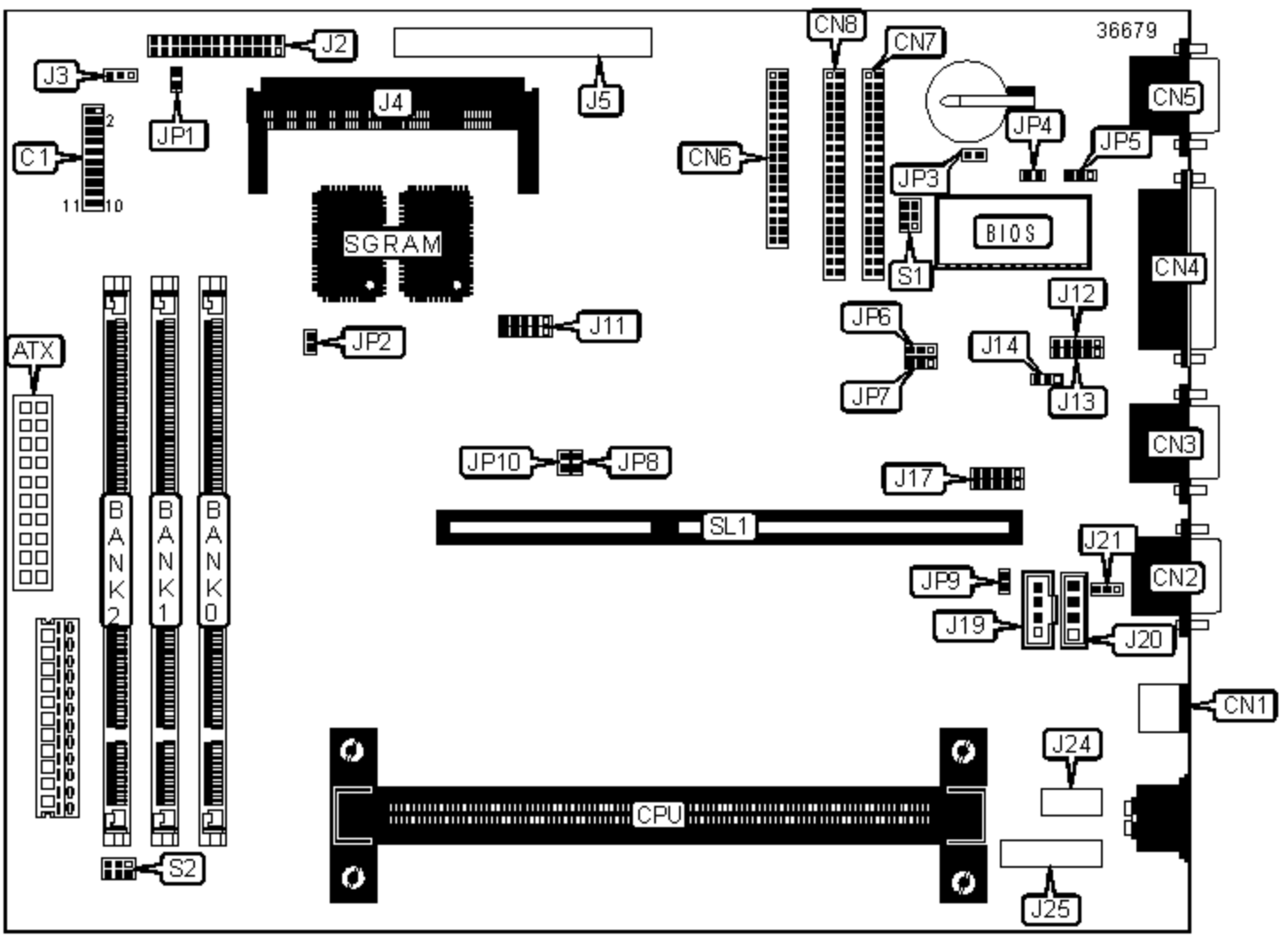


# DTK COMPUTER, INC.

## PRM-0061I (VER. 1.01)

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333/350/400/450MHz
<b>Chip Set</b>	Intel 440BX
<b>Video Chip Set</b>	ATI
<b>Audio Chip Set</b>	Creative
<b>Maximum Onboard Memory</b>	768MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	8MB
<b>Cache</b>	256/512KB (located on the Pentium II CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	298mm x 205mm
<b>I/O Options</b>	Ethernet extension connector, floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, IR connectors (2), USB interface, ATX power connector, audio in - CD-ROMs (2), Wake-on-LAN/Power-on-Ring connector, Extension slot, TV-out extension connector, Audio port connectors (2)



### CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Feature connector	J2

IDE interface LED	C1/Pins 1 & 2	System fan power connector	J3
Power LED	C1/Pins 3 & 4	VGA SO-DIMM connector	J4
Power switch	C1/Pins 5 & 6	TV-out extension connector	J5
Reset switch	C1/Pins 9 & 10	Ethernet extension connector	J11
Power LED & Keylock	C1/Pins 16 - 20	IR connector 1	J12
PC speaker	C1/Pins 11 - 14	IR connector 2	J13
PS/2 mouse port	CN1	Wake-on-LAN/Power-on-Ring connector	J14
Serial port 2	CN2	USB interface	J17
Serial port 1	CN3	Audio in - CD-ROM (Sony)	J19
Parallel port	CN4	Audio in - CD-ROM (Mitsumi/Panasonic)	J20
VGA port	CN5	CPU fan power	J21
Floppy drive interface	CN6	Audio port connector	J24
IDE interface 1	CN7	Audio port connector	J25
IDE interface 2	CN8	Extension slot	SL1

### USER CONFIGURABLE SETTINGS

Function		Label	Position
<input type="checkbox"/>	On board VGA enabled	JP1	Closed
<input type="checkbox"/>	On board VGA disabled	JP1	Open
<input type="checkbox"/>	On board AGP VGA interrupt enabled	JP2	Closed
<input type="checkbox"/>	On board AGP VGA interrupt disabled	JP2	Open
<input type="checkbox"/>	Flash BIOS voltage select 5V	JP5	Pins 1 & 2 closed
<input type="checkbox"/>	Flash BIOS voltage select 12V	JP5	Pins 2 & 3 closed
»	CMOS memory normal operation	JP6	Pins 1 & 2 closed
<input type="checkbox"/>	CMOS memory clear	JP6	Pins 2 & 3 closed
<input type="checkbox"/>	On board sound enabled	JP9	Closed
<input type="checkbox"/>	On board sound disabled	JP9	Open

## 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. Maximum SDRAM is 384MB. Maximum EDO is 768MB.

\*Note: Memory configurations require EDO memory.

### VIDEO RAM CONFIGURATION

Size	ON BOARD SGRAM	J4
2MB	2MB	Not installed
4MB	2MB	2MB SGRAM
4MB	4MB	Not Installed
8MB	4MB	4MB SGRAM

### CACHE CONFIGURATION

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

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	S1/1 & 2	S1/3 & 4	S1/5 & 6	S2/1 & 2	S2/3 & 4	S2/5 & 6
233MHz	66MHz	3.5x	Closed	Open	Open	Closed	Open	Open
266MHz	66MHz	4x	Open	Closed	Closed	Closed	Open	Open
300MHz	66MHz	4.5x	Open	Closed	Open	Closed	Open	Open
333MHz	66MHz	5x	Open	Open	Closed	Closed	Open	Open
366MHz	66MHz	5.5x	Open	Open	Open	Closed	Open	Open

**POWER SUPPLY SELECTION**

<b>Setting</b>	<b>JP3</b>	<b>JP4</b>	<b>JP7</b>
AT power	Open	Closed	Pins 2 & 3 closed
ATX power, Power-on keyboard disabled	Closed	Open	Pins 2 & 3 closed
ATX power, Power-on keyboard enabled	Open	Open	Pins 1 & 2 closed

**ETHERNET SELECTION**

<b>Setting</b>	<b>JP8</b>	<b>JP10</b>
On board Ethernet enabled	Closed	Closed
On board Ethernet disabled	Open	Open