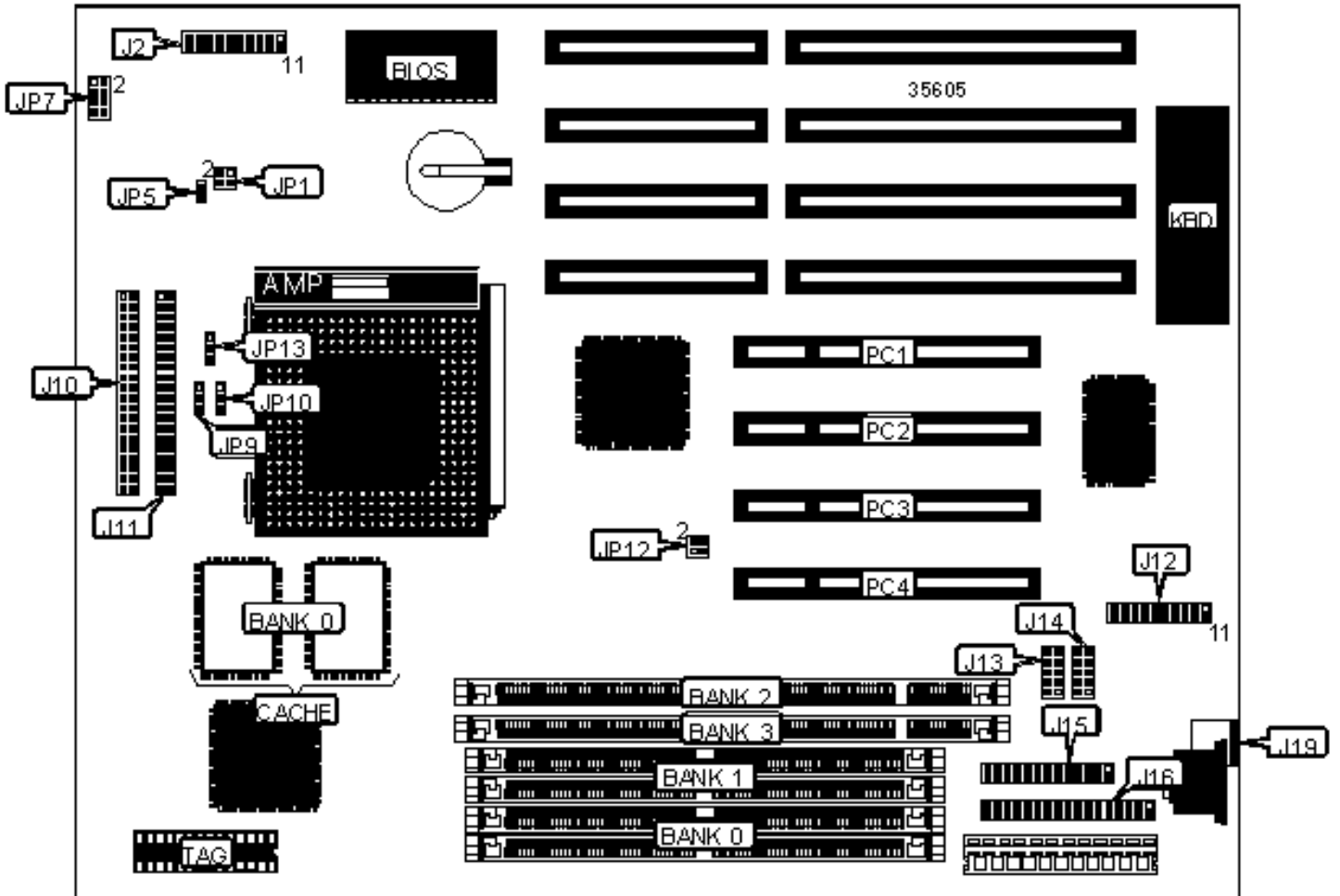


DTK COMPUTER, INC.

PAM-0057I (VER. 3.04)

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface LED	J2/pins 1 & 2	PS/2 mouse interface	J12/pins 6 – 10
Turbo LED	J2/pins 3 & 4	USB connector 2	J12/pins 11 - 15
Green PC connector	J2/pins 5 & 6	IR connector	J12/pins 16 - 20
Reset switch	J2/pins 9 & 10	Serial port 2	J13
Power LED & keylock	J2/pins 11 - 15	Serial port 1	J14
Speaker	J2/pins 17 - 20	Parallel port	J15
IDE interface 1	J10	Floppy drive interface	J16
IDE interface 2	J11	32-bit PCI slots	PC1 – PC4
USB connector 1	J12/pins 1 - 5		

## USER CONFIGURABLE SETTINGS

Function	Label	Position
Flash BIOS voltage select 12v	JP4	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP4	Pins 1 & 2 closed

## DRAM CONFIGURATION

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

48MB	(2) 4M x 32	(2) 2M x 32
64MB	(2) 8M x 32	None
64MB	(2) 4M x 32	(2) 4M x 32
72MB	(2) 8M x 32	(2) 1M x 32
80MB	(2) 8M x 32	(2) 2M x 32
96MB	(2) 8M x 32	(2) 4M x 32
128MB	(2) 8M x 32	(2) 8M x 32
128MB	(2) 16M x 32	None
136MB	(2) 16M x 32	(2) 1M x 32
144MB	(2) 16M x 32	(2) 2M x 32
160MB	(2) 16M x 32	(2) 4M x 32
192MB	(2) 16M x 32	(2) 8M x 32
256MB	(2) 16M x 32	(2) 16M x 32
Note: Board accepts EDO memory.		

<b>DIMM CONFIGURATION</b>		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None

64MB	(1) 4M x 64	(1) 4M x 64
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64

<b>CACHE CONFIGURATION</b>		
Size	Bank 0	TAG
256KB	(2) 32K x 32	(1) 8K/16K x 8
512KB	(2) 64K x 32	(1) 16K x 8

<b>CPU SPEED SELECTION (CX 6X86L)</b>						
CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	1 & 2	Open	1 & 2
200MHz	66MHz	3x	2 & 3	1 & 2	3 & 4	1 & 2

Note: Pins designated should be in the closed position.

<b>CPU SPEED SELECTION (CX 6X86MX)</b>						
CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
166MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	3 & 4	1 & 2
200MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	3 & 4	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CX M II)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
300MHz	75MHz	3x	1 & 2	2 & 3	3 & 4	1 & 2
300MHz	66MHz	3.5x	1 & 2	1 & 2	Open	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	1 & 2
266MHz	66MHz	4x	2 & 3	1 & 2	Open	2 & 3
300MHz	66MHz	4.5x	2 & 3	2 & 3	Open	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
266MHz	66MHz	4x	2 & 3	1 & 2	Open	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	1 & 2

Note: Pins designated should be in the closed position.

### CPU VOLTAGE SELECTION (SINGLE)

Voltage	JP1	JP5	JP7
3.3v	1 & 2, 3 & 4	Closed	3 & 4, 5 & 6, 7 & 8
3.5v	1 & 2, 3 & 4	Closed	1 & 2, 3 & 4, 5 & 6, 7 & 8
Note: Pins designated should be in the closed position.			

<b>CPU VOLTAGE SELECTION (DUAL)</b>				
Voltage	V core	JP1	JP5	JP7
3.3v	2.2v	Open	Open	3 & 4
3.3v	2.8v	Open	Open	7 & 8
3.3v	2.9v	Open	Open	1 & 2, 7 & 8
3.3v	3.2v	Open	Open	1 & 2, 5 & 6, 7 & 8
Note: Pins designated should be in the closed position.				