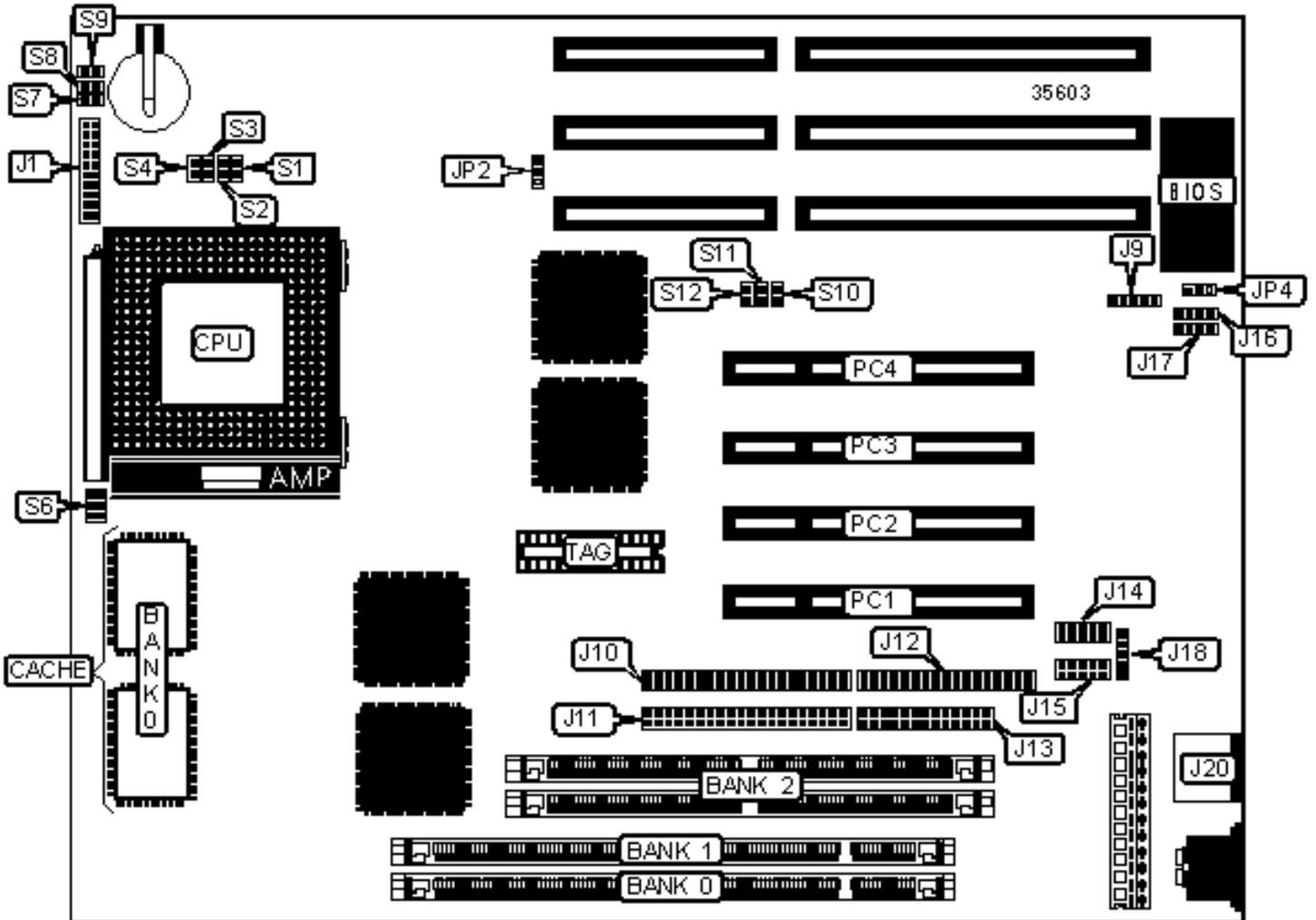


DTK COMPUTER, INC.

PAM-0057V (VER. 3.03)

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface LED	J1/pins 1 & 2	Floppy drive interface	J12
ACPI LED	J1/pins 3 & 4	Parallel port	J13
Soft off power supply	J1/pins 5 & 6	Serial port 1	J14
Reset switch	J1/pins 9 & 10	Serial port 2	J15
Power LED & keylock	J1/pins 11 - 14	USB connector 1	J16
Speaker	J1/pins 17 - 20	USB connector 2	J17
IR connector	J9	PS/2 mouse interface	J18
IDE interface 1	J10	PS/2 mouse port	J20
IDE interface 2	J11	32-bit PCI slots	PC1 - PC4

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	JP2	Pins 1 & 2 closed
CMOS memory clear	JP2	Pins 2 & 3 closed
» Flash BIOS voltage select 12v	JP4	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP4	Pins 2 & 3 closed

## SIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None

32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

### CACHE CONFIGURATION

Size	Bank 0
256KB	(2) 32K x 32
512KB	(2) 64K x 32

### CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
90MHz	60MHz	1.5x	Open	Open	Open	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open	Open	Open	Open
120MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open	Open	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Open	Closed	Open	Open

166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open
Note: Pins designated are in the closed position.								

<b>CPU SPEED SELECTION (INTEL MMX)</b>								
CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	60MHz	3x	Open	Closed	Open	Open	Open	Open
233MHz	66MHz	3x	Open	Open	Open	Open	Open	Open
Note: Pins designated are in the closed position.								

<b>CPU SPEED SELECTION (AM K5)</b>								
CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
120MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
133MHz	66MHz	2x	Closed	Open	Open	Open	Open	Open
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
Note: Pins designated are in the closed position.								

<b>CPU SPEED SELECTION (AM K6)</b>								
CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
166MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open
233MHz	66MHz	3.5x	Open	Open	Open	Open	Open	Open
266MHz	66MHz	4x	Closed	Open	Closed	Open	Open	Open
300MHz	66MHz	4.5x	Closed	Closed	Closed	Open	Open	Open
Note: Pins designated are in the closed position.								

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

CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
266MHz	66MHz	4x	Closed	Open	Closed	Open	Open	Open

Note: Pins designated are in the closed position.

### CPU SPEED SELECTION (CX M II)

CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
300MHz	75MHz	3x	Open	Closed	Open	Open	Closed	Open
300MHz	66MHz	3.5x	Open	Open	Open	Open	Open	Open

Note: Pins designated are in the closed position.

### CPU SPEED SELECTION (CX 6X86 MX)

CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
166MHz	60MHz	2.5x	Closed	Closed	Open	Closed	Open	Open
200MHz	75MHz	2x	Closed	Open	Open	Open	Closed	Open
200MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
233MHz	75MHz	2.5x	Closed	Closed	Open	Open	Closed	Open
233MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open

Note: Pins designated are in the closed position.

### CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
150MHz	60MHz	2.5x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2.5x	Closed	Open	Open	Open	Open	Open
200MHz	66MHz	3x	Closed	Open	Open	Open	Closed	Open

Note: Pins designated are in the closed position.

### CPU SPEED SELECTION (IDT C6)

CPU speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
180MHz	60MHz	3x	Open	Closed	Open	Closed	Open	Open
200MHz	66MHz	3x	Open	Closed	Open	Open	Open	Open

Note: Pins designated are in the closed position.

### CPU VOLTAGE SELECTION (SINGLE)

Voltage	S1	S2	S3	S4	S5
3.3v	Closed	Closed	Open	Closed	Open
3.5v	Closed	Closed	Closed	Closed	Open

### CPU VOLTAGE SELECTION (DUAL)

V I/O	V Core	S1	S2	S3	S4	S5
3.3v	2.2v	Open	Open	Closed	Open	1 & 2, 3 & 4, 5 & 6
3.3v	2.8v	Closed	Open	Open	Open	1 & 2, 3 & 4, 5 & 6
3.3v	2.9v	Closed	Open	Open	Closed	1 & 2, 3 & 4, 5 & 6
3.3v	3.2v	Closed	Closed	Open	Open	1 & 2, 3 & 4, 5 & 6

Note: Pins designated are in the closed position.