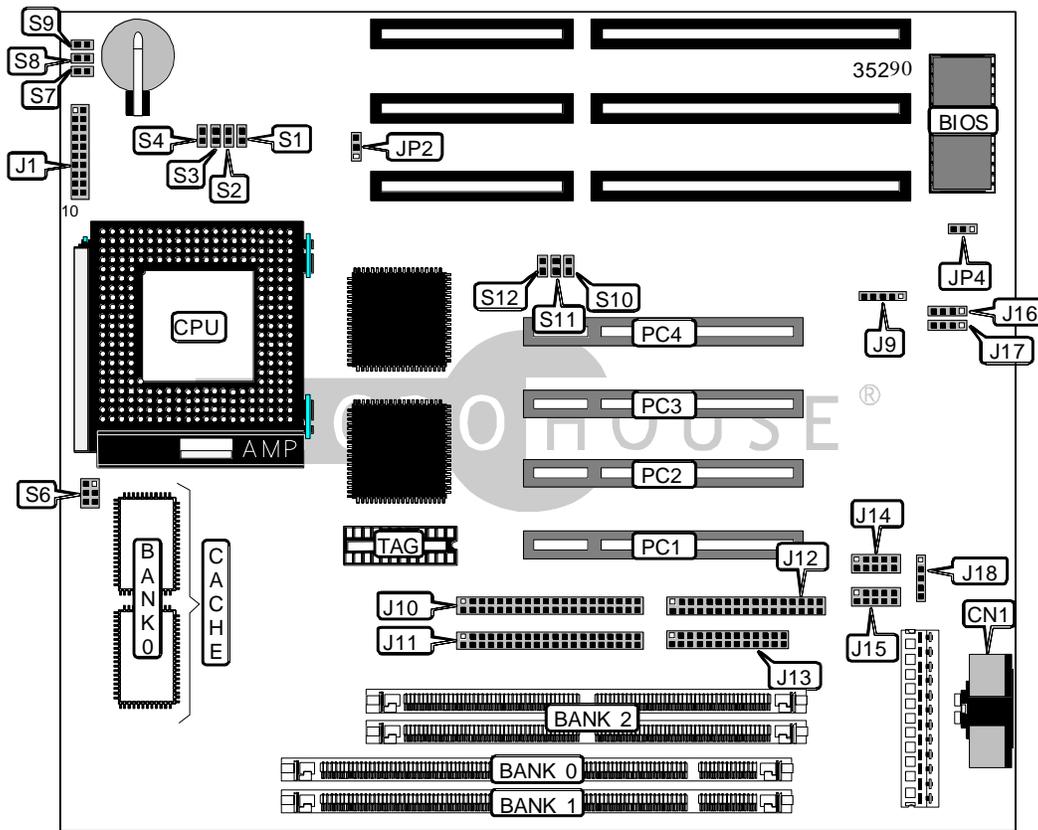


DTK COMPUTER, INC.

PAM-0057V (VER. 3.02)

Device Type	Mainboard
Processor	CX 6X86/CX 6X86L/CX 6X86MX/IDT C6/AM K5/AM K6/Pentium/ Pentium MMX
Processor Speed	90/100/120/133/150/166/180/200/233/266/300MHz
Chip Set	VIA Apollo VPX
Maximum Onboard Memory	256MB DRAM (EDO & SDRAM supported)
Cache	256/512KB
BIOS	Award
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), serial port, USB connectors (2), IR connector



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	IDE interface 2	J11
IDE interface LED	J1/pins 1 & 2	Floppy drive interface	J12
Suspend LED	J1/pins 3 & 4	Parallel port	J13
Suspend switch	J1/pins 5 & 6	Serial port 1	J14
Reset switch	J1/pins 9 & 10	Serial port 2	J15
Power LED & keylock	J1/pins 11-15	USB connector	J16
Speaker	J1/pins 17-20	USB connector	J17
IR connector	J9	PS/2 mouse interface	J18
IDE interface 1	J10	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í 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

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1MB x 64	None	None
16MB	(1) 1MB x 64	(1) 1MB x 64	None
16MB	(1) 2MB x 64	None	None
24MB	(1) 1MB x 64	(1) 1MB x 64	(2) 1MB x 32
24MB	(1) 2MB x 64	(1) 1MB x 64	None
32MB	(1) 2MB x 64	(1) 2MB x 64	None
32MB	(1) 4MB x 64	None	None
40MB	(1) 2MB x 64	(1) 2MB x 64	(2) 1MB x 32
40MB	(1) 4MB x 64	(1) 1MB x 64	None
48MB	(1) 2MB x 64	(1) 2MB x 64	(2) 2MB x 32
48MB	(1) 4MB x 64	(1) 2MB x 64	None
64MB	(1) 4MB x 64	(1) 4MB x 64	None
64MB	(1) 8MB x 64	None	None
72MB	(1) 4MB x 64	(1) 4MB x 64	(2) 1MB x 32
72MB	(1) 8MB x 64	(1) 1MB x 64	None
80MB	(1) 4MB x 64	(1) 4MB x 64	(2) 2MB x 32
80MB	(1) 8MB x 64	(1) 2MB x 64	None
96MB	(1) 4MB x 64	(1) 4MB x 64	(2) 4MB x 32
96MB	(1) 8MB x 64	(1) 4MB x 64	None
128MB	(1) 8MB x 64	(1) 8MB x 64	None
128MB	(1) 16MB x 64	None	None
136MB	(1) 8MB x 64	(1) 8MB x 64	(2) 1MB x 32
136MB	(1) 16MB x 64	(1) 1MB x 64	None
144MB	(1) 8MB x 64	(1) 8MB x 64	(2) 2MB x 32
144MB	(1) 16MB x 64	(1) 2MB x 64	None
160MB	(1) 8MB x 64	(1) 8MB x 64	(2) 4MB x 32
160MB	(1) 16MB x 64	(1) 4MB x 64	None
192MB	(1) 8MB x 64	(1) 8MB x 64	(2) 8MBx 32

Note: Board accepts EDO and SDRAM.

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CPU SPEED SELECTION (CX 6X86)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
150MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open	Open	Open	Open
200MHz	75MHz	2x	Closed	Open	Open	Open	Closed	Open

CPU SPEED SELECTION (CX 6X86L)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
150MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2x	Closed	Open	Open	Open	Open	Open
200MHz	75MHz	2x	Closed	Open	Open	Open	Closed	Open

CPU SPEED SELECTION (CX 6X86MX)								
Speed	Clock speed	Multiplier	S7	S8	S9	S10	S11	S12
166MHz	60MHz	2.5x	Closed	Closed	Open	Closed	Open	Open
200MHz	66MHz	2.5x	Closed	Closed	Open	Open	Open	Open
200MHz	75MHz	2x	Closed	Open	Open	Open	Closed	Open
233MHz	75MHz	2.5x	Closed	Closed	Open	Open	Closed	Open

CPU SPEED SELECTION (IDT C6)								
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

CPU SPEED SELECTION (AM K5)								
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

CPU SPEED SELECTION (AM K6)								
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

CPU SPEED SELECTION (PENTIUM)								
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

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CPU SPEED SELECTION (PENTIUM MMX)								
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

CPU VOLTAGE SELECTION (SINGLE)					
Voltage	S1	S2	S3	S4	S6
3.3v	Closed	Closed	Open	Closed	Open
3.5v	Closed	Closed	Closed	Closed	Open

CPU VOLTAGE SELECTION (DUAL)						
Voltage	V core	S1	S2	S3	S4	S6
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: Designated pins are in the closed position.