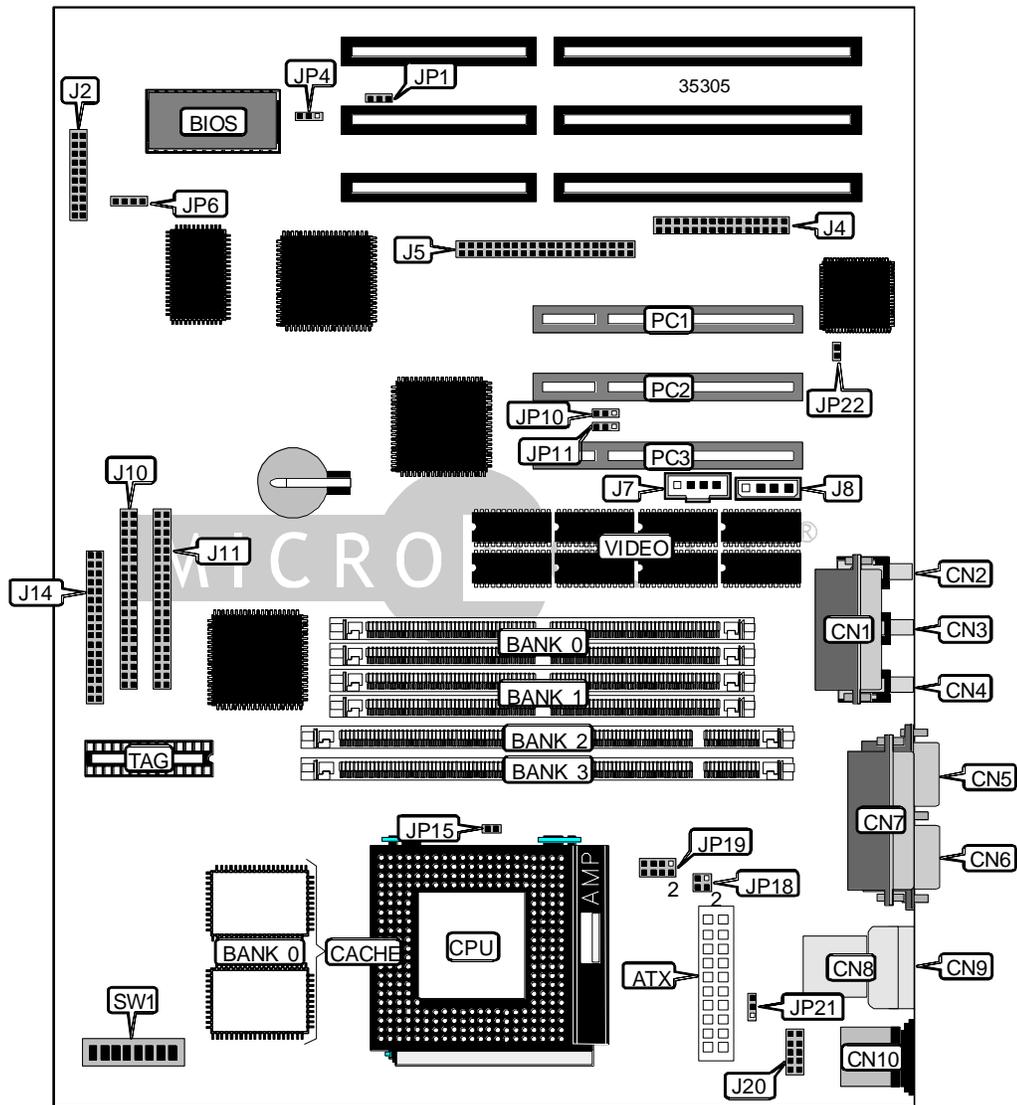


# DTK COMPUTER, INC.

## PAM-0075I (VER. 1.10)

<b>Processor</b>	CX 6X86/CX 6X86L/CX 6X86MX/AM K5/AM K6/Pentium/Pentium MMX
<b>Processor Speed</b>	90/100/120/133/150/166/200/233/266MHz
<b>Chip Set</b>	Intel 430TX
<b>Video Chip Set</b>	ATI
<b>Maximum Onboard Memory</b>	256MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	4MB
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	304mm x 245mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, USB connectors (2), ATX power connector, microphone in, line in, speaker out, AMC/VFC connector, TV out connector, audio in - CD-ROM (2)
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Reset switch	J2/pins 9 & 10
Game/MIDI port	CN1	Power LED & keylock	J2/pins 11 - 15
Microphone in	CN2	Speaker	J2/pins 17 - 20
Line in	CN3	TV out connector	J4
Speaker out	CN4	AMC/VFC connector	J5
VGA port	CN5	Audio in - CD-ROM (Sony)	J7
Serial port 1	CN6	Audio in - CD-ROM (Panasonic/Mitsumi)	J8
Parallel port	CN7	IDE interface 1	J11
USB connector 1	CN8	IDE interface 2	J10
USB connector 2	CN9	Floppy drive interface	J14
PS/2 mouse port	CN10	Serial port 2	J20
IDE interface LED	J2/pins 1 & 2	Internal modem ring-in connector	JP1
Power switch	J2/pins 5 & 6	IR connector	JP6
Green PC connector	J2/pins 7 & 8	32-bit PCI slots	PCI - PC3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Flash BIOS voltage select 12v	JP4	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP4	Pins 2 & 3 closed
VGA IRQ enabled	JP10	Pins 2 & 3 closed
VGA IRQ disabled	JP10	Pins 1 & 2 closed
On board video enabled	JP11	Pins 2 & 3 closed
On board video disabled	JP11	Pins 1 & 2 closed
í Factory configured - do not alter	JP15	Open
Ring in select COM1	JP21	Pins 2 & 3 closed
Ring in select COM2	JP21	Pins 1 & 2 closed
On board audio enabled	JP22	Closed
On board audio disabled	JP22	Open

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

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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.

DIMM CONFIGURATION		
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

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	Unidentified
512KB	(2) 64K x 32	Unidentified

VIDEO MEMORY CONFIGURATION
Note: Board accepts 1MB/2MB/4MB video memory. The configuration is unidentified.

CPU SPEED SELECTION (CX 6X86)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
133MHz	55MHz	2x	Off	On	On	Off
150MHz	60MHz	2x	Off	On	On	Off

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CPU SPEED SELECTION (CX 6X86, CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
133MHz	55MHz	2x	Off	On	On	Off
150MHz	60MHz	2x	Off	On	Off	Off

CPU SPEED SELECTION (CX 6X86L)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
133MHz	55MHz	2x	Off	On	On	Off
150MHz	60MHz	2x	Off	On	On	Off
166MHz	66MHz	2x	Off	On	On	Off

CPU SPEED SELECTION (CX 6X86L, CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
133MHz	55MHz	2x	Off	On	On	Off
150MHz	60MHz	2x	Off	On	Off	Off
166MHz	66MHz	2x	Off	Off	Off	Off

CPU SPEED SELECTION (CX 6X86MX)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2x	Off	On	On	Off
200MHz	75MHz	2x	Off	On	On	Off

CPU SPEED SELECTION (CX 6X86MX, CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2x	Off	Off	Off	Off
200MHz	75MHz	2x	Off	Off	On	Off

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
90MHz	60MHz	1.5x	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	On	Off	Off
120MHz	60MHz	1.5x	Off	On	Off	Off
133MHz	66MHz	2x	Off	On	On	Off
150MHz	60MHz	1.5x	Off	On	Off	Off
166MHz	66MHz	2.5x	Off	On	On	On

CPU SPEED SELECTION (AM K5, CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
90MHz	60MHz	1.5x	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off
120MHz	60MHz	1.5x	Off	On	Off	Off
133MHz	66MHz	2x	Off	Off	Off	Off
150MHz	60MHz	1.5x	Off	Off	Off	Off
166MHz	66MHz	2.5x	Off	Off	Off	Off

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CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
166MHz	66MHz	2.5x	Off	On	On	On
200MHz	66MHz	3x	Off	On	Off	On
233MHz	66MHz	3.5x	Off	On	Off	Off

CPU SPEED SELECTION (AM K6, CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
166MHz	66MHz	2.5x	Off	Off	Off	Off
200MHz	66MHz	3x	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
90MHz	60MHz	1.5x	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	On	Off	Off
120MHz	60MHz	2x	Off	On	On	Off
133MHz	66MHz	2x	Off	On	On	Off
150MHz	60MHz	2.5x	Off	On	On	On
166MHz	66MHz	2.5x	Off	On	On	On
200MHz	66MHz	3x	Off	On	Off	On
233MHz	66MHz	3.5x	Off	On	Off	Off

CPU SPEED SELECTION (INTEL, CON'T)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
90MHz	60MHz	1.5x	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off
120MHz	60MHz	2x	Off	On	Off	Off
133MHz	66MHz	2x	Off	Off	Off	Off
150MHz	60MHz	2.5x	Off	On	Off	Off
166MHz	66MHz	2.5x	Off	Off	Off	Off
200MHz	66MHz	3x	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off

CPU VOLTAGE SELECTION (SINGLE)		
Voltage	JP18	JP19
3.3v	Open	1 & 2, 5 & 6, 7 & 8
3.5v	Open	1 & 2, 3 & 4, 5 & 6, 7 & 8

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)			
Voltage	V core	JP18	JP19
3.3v	2.8v	1 & 3, 2 & 4	7 & 8
3.3v	2.9v	1 & 3, 2 & 4	1 & 2, 7 & 8
3.3v	3.2v	1 & 3, 2 & 4	5 & 6, 7 & 8

Note: Pins designated should be in the closed position.

