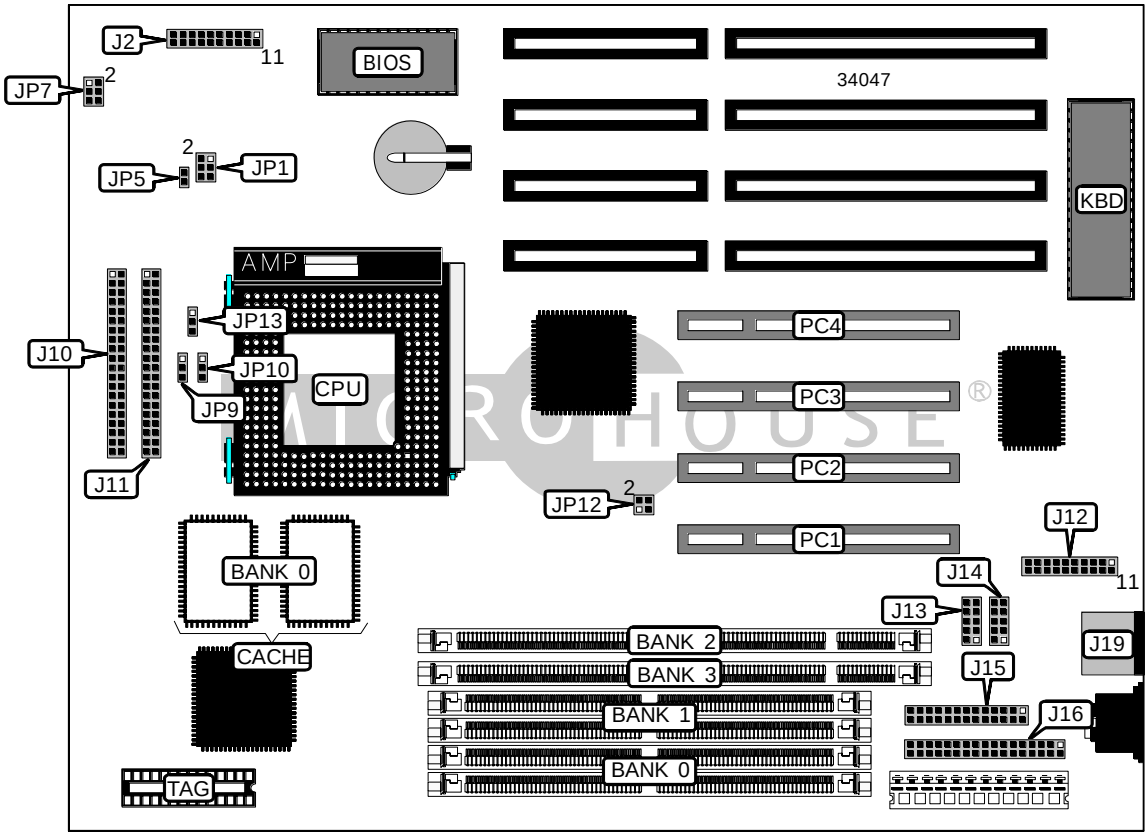
DTK COMPUTER INC.
P A M - 0 0 5 7 I (R E V . 3 . 0 1)

Processor	CX 6X86/CX 6X86L/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/200/233MHz
Chip Set	Intel 430TX
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	260mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2), PS/2 mouse port
NPU Options	None



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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 12 - 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	PS/2 mouse port	J19
USB connector 1	J12/pins 2 - 5	32-bit PCI slots	PC1 – PC4

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.		

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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	(1) 8K/16K x 8
512KB	(2) 64K x 32	(1) 16K x 8

CPU SPEED SELECTION (CX 6X86)						
CPU speed	**Clock speed**	**Multiplier**	**JP9**	**JP10**	**JP12**	**JP13**
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2, 3 & 4	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2x	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.						

CPU SPEED SELECTION (CX 6X86MX)						
CPU speed	**Clock speed**	**Multiplier**	**JP9**	**JP10**	**JP12**	**JP13**
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	66MHz	3x	2 & 3	2 & 3	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**
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	1 & 2	1 & 2	1 & 2	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2
150MHz	60MHz	2.5x	1 & 2	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.						

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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
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
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, 5 & 6	Closed	3 & 4, 5 & 6
3.5v	1 & 2, 3 & 4, 5 & 6	Closed	1 & 2, 3 & 4, 5 & 6
Note: Pins designated should be in the closed position.			

CPU VOLTAGE SELECTION (DUAL)				
Voltage	**V core**	**JP1**	**JP5**	**JP7**
3.3v	2.8v	Open	Open	Open
3.3v	2.9v	Open	Open	1 & 2
3.3v	3.2v	Open	Open	1 & 2, 5 & 6
Note: Pins designated should be in the closed position.				