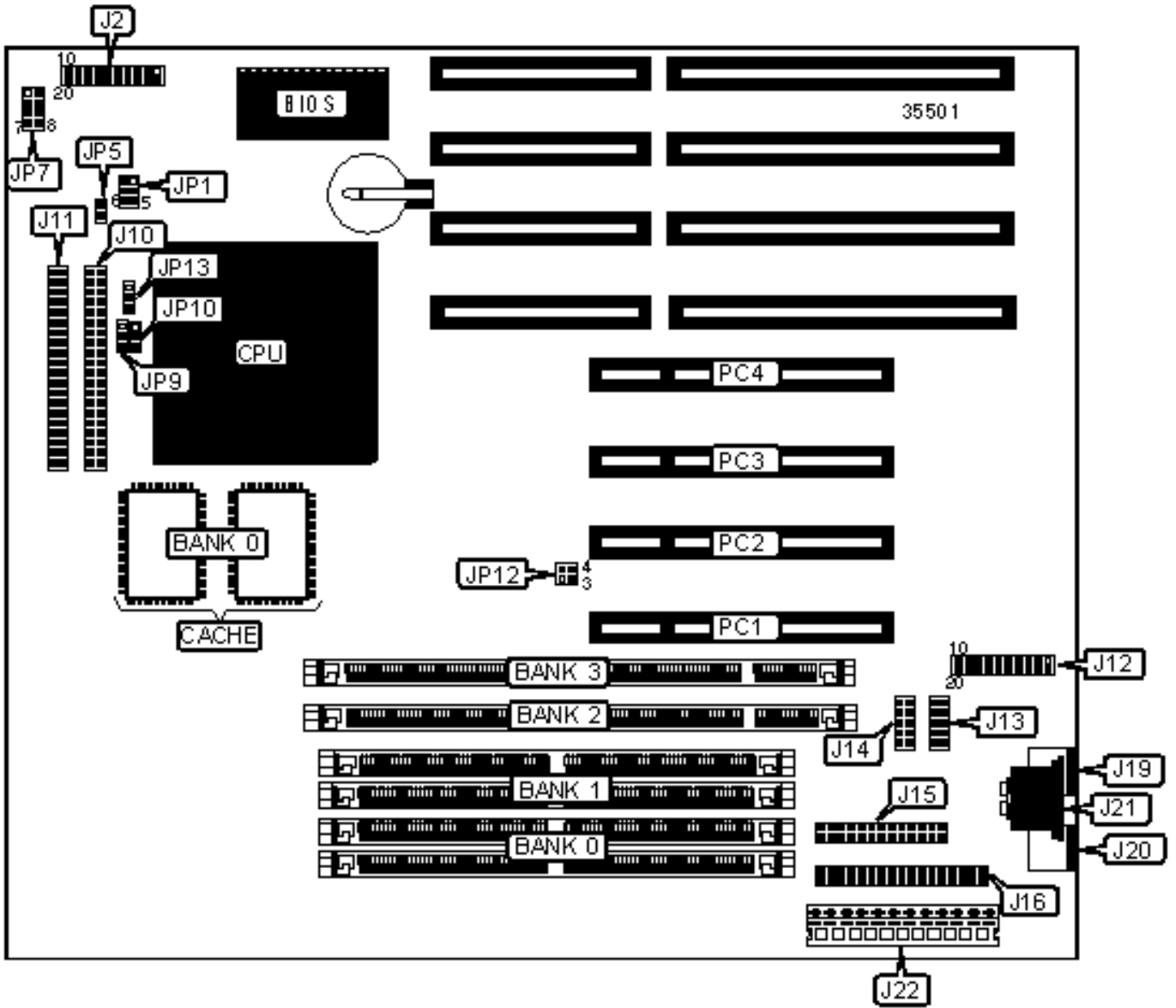


DTK

PAM-0057I (VER. 3.02)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface LED	J2/pins 1 & 2	IR connector	J12/pins 16 - 20
Turbo LED	J2/pins 3 & 4	Serial port 2	J13
SMI switch	J2/pins 5 & 6	Serial port 1	J14
Reset switch	J2/pins 9 & 10	32-bit PCI slots	
Power LED & keylock	J2/pins 11 - 15	Parallel port	J15
Speaker	J2/pins 17 - 20	Floppy drive interface	J16
IDE interface 2	J10	PS/2 mouse port	J19
IDE interface 1	J11	At keyboard connector	J20
USB1 connector	J12/pins 1 - 5	PS/2 keyboard connector	J21
PS/2 mouse interface	J12/pins 6 - 10	AT power connector	J22
USB2 connector	J12/pins 11 - 15	PCI slots	PC1 - PC4

SIMM CONFIGURATION

Size	Bank 0	Bank 1
4MB	(2) 1MB x 32	None
8MB	(2) 1MB x 32	(2) 1MB x 32
16MB	(2) 4MB x 32	None
20MB	(2) 4MB x 32	(2) 1MB x 32
32MB	(2) 4MB x 32	(2) 4MB x 32
32MB	(2) 4MB x 32	None
36MB	(2) 4MB x 32	(2) 1MB x 32
48MB	(2) 4MB x 32	(2) 4MB x 32
48MB	(2) 4MB x 32	(2) 4MB x 32
64MB	(2)16MB x 32	None

64MB	(2) 4MB x 32	(2) 4MB x 32
68MB	(2) 16MB x 32	(2) 1MB x 32
80MB	(2) 16MB x 32	(2) 4MB x 32
96MB	(2) 16MB x 32	(2) 4MB x 32
128MB	(2) 16MB x 32	(2) 16MB x 32
128MB	(2) 16MB x 32	None
136MB	(2) 16MB x 32	(2) 1MB x 32
144MB	(2) 16MB x 32	(2) 4MB x 32
160MB	(2) 16MB x 32	(2) 4MB x 32
192MB	(2) 16MB x 32	(2) 16MB x 32
192MB	(2) 16MB x 32	(2) 16MB x 32
256MB	(2) 16MB x 32	(2) 16MB x 32

DIMM CONFIGURATION		
Size	Bank 2	Bank 3
16MB	(1) 2MB x 64	None
32MB	(1) 2MB x 64	(1) 2MB x 64
32MB	(1) 4MB x 64	None
48MB	(1) 4MB x 64	(1) 2MB x 64
64MB	(1) 4MB x 64	(1) 4MB x 64
64MB	(2) 4MB x 64	None
80MB	(2) 4MB x 64	(1) 2MB x 64
96MB	(1) 4MB x 64	(2) 4MB x 64
96MB	(2) 4MB x 64	(1) 4MB x 64
128MB	(1) 16MB x 64	None
128MB	(2) 4MB x 64	(2) 4MB x 64

144MB	(1) 16MB x 64	(1) 2MB x 64
160MB	(1) 16MB x 64	(1) 4MB x 64
192MB	(1) 16MB x 64	(2) 4MB x 64
256MB	(1) 16MB x 64	(1) 16MB x 64

CACHE CONFIGURATION

Cache size	Bank 0	TAG
256KB	(2) 32K x 8	8K x 8/16K x 8
512KB	(2) 64K x 8	16K x 8

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
120MHz	60MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3
150MHz	60MHz	2.5x	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3

Note: Pins designated are in the closed position.

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2, 3 & 4	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
266MHz	66MHz	4x	1 & 2	1 & 2	2 & 3, 3 & 4	2 & 3

Note: Pins designated are in the closed position.

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
133MHz	55MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3
150MHz	60MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3

Note: Pins designated are in the closed position.

CPU SPEED SELECTION (CX 6X86 MX)

CPU speed	Clock speed	Multiplier	JP9	JP10	JP12	JP13
166MHz	60MHz	2.5x	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3
200MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3

Note: Pins designated are 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, 3 & 4	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
120MHz	60MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4	2 & 3
150MHz	60MHz	2.5x	1 & 2	1 & 2	1 & 2, 3 & 4	1 & 2
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2, 3 & 4	2 & 3

Note: Pins designated are in the closed position.

CPU SPEED SELECTION (AM K6)

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

Note: Pins designated are in the closed position.

CPU VOLTAGE SELECTION (SINGLE)

Voltage	JP1/pins 1 & 2	JP1/pins 3 & 4	JP1/pins 5 & 6	JP5
3.3v	Closed	Closed	Closed	Closed
3.5v	Closed	Closed	Closed	Closed

CPU VOLTAGE SELECTION (SINGLE, CONT.)

Voltage	JP7/pins 1 & 2	JP7/pins 3 & 4	JP7/pins 5 & 6	JP7/pins 7 & 8
3.3v	Open	Closed	Closed	Closed
3.5v	Closed	Closed	Closed	Closed

CPU VOLTAGE SELECTION (DUAL)

V I/O	V Core	JP1/pins 1 & 2	JP1/pins 3 & 4	JP1/pins 5 & 6	JP5
3.3v	2.2v	Open	Open	Open	Open
3.3v	2.8v	Open	Open	Open	Open
3.3v	2.9v	Open	Open	Open	Open
3.3v	3.2v	Open	Open	Open	Open

CPU VOLTAGE SELECTION (DUAL, CONT.)

V I/O	V Core	JP7/pins 1 & 2	JP7/pins 3 & 4	JP7/pins 5 & 6	JP7/pins 7 & 8
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3.3v	2.2v	Open	Closed	Open	Open
3.3v	2.8v	Open	Open	Open	Closed
3.3v	2.9v	Closed	Open	Open	Closed
3.3v	3.2v	Closed	Open	Closed	Closed