AMPTRON INTERNATIONAL, INC.

PM-9900

Device Type	Mainboard
Processor	CX 6X86L/IBM 6X86L/CX 6X86MX/IBM 6X86MX/CX MII/IBM MII/
	IDT C6/AM K6/AM K6-2/Pentium/Pentium MMX
Processor Speed	90/100/120/133/150/166/180/200/233/266/300/333/350MHz
Chip Set	Unidentified
Maximum Onboard Memory	384MB (EDO & SDRAM supported)
Cache	1024KB
BIOS	Award
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game interface, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 mouse interface, serial ports (2), ATX power connector, AGP slot, audio in - CD-ROMs (2)
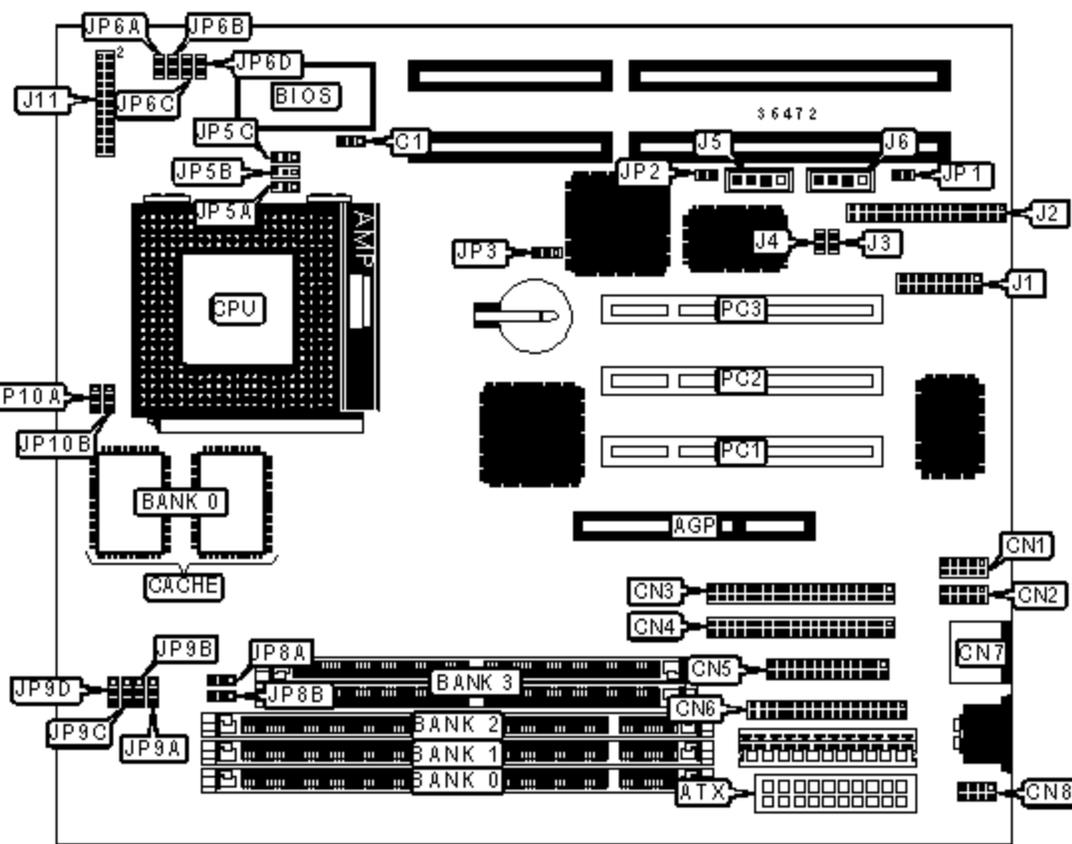
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	Sound/game connector	J2
ATX power connector	ATX	Digital audio out	J3
Chassis fan power	C1	Digital audio in	J4
Serial port 2	CN1	Audio in - CD-ROM	J5
Serial port 1	CN2	Audio in - CD-ROM	J6

IDE interface 2	CN3	Speaker	J11/pins 1/3/5/7
IDE interface 1	CN4	Power LED & keylock	J11/pins 2/4/6/8/10
Parallel port	CN5	Turbo LED	J11/pins 13 & 14
Floppy drive interface	CN6	IDE interface LED	J11/pins 15 & 16
PS/2 mouse port	CN7	Reset switch	J11/pins 17 & 18
PS/2 mouse interface	CN8	Green PC LED	J11/pins 19 & 20
ATX form card connector	J1	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS			
	Function	Label	Position
»	Microphone type select standard	JP1	Open
	Microphone type select special	JP1	Closed
»	Factory configured - do not alter	JP2	Unidentified
»	CMOS memory normal operation	JP3	Pins 1 & 2 closed
	CMOS memory clear	JP3	Pins 2 & 3 closed

SIMM CONFIGURATION	
Size	Bank 3
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36
256MB	(2) 32M x 36
Note: Board accepts EDO memory.	

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64

96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO & SDRAM memory.			

DIMM VOLTAGE CONFIGURATION		
Voltage	JP8A	JP8B
3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed
5v	Pins 1 & 2 closed	Pins 1 & 2 closed

CACHE CONFIGURATION	
Size	Bank 0
1MB	(2) 64K x 64

CPU SPEED SELECTION (CX 6X86L)					
CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (CX 6X86L 30M, CON'T)						
CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CX 6X86L 37.5M, CON'T)						
CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2

200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)					
CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L 30M, CON'T)						
CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L 37.5M, CON'T)						
CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)					
CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3

150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX 30M, CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP9A**	**JP9B**	**JP9C**	**JP9D**
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX 37.5M, CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP9A**	**JP9B**	**JP9C**	**JP9D**
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)					
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX 30M, CON'T)

CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (IBM 6X86MX 37.5M, CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP9A**	**JP9B**	**JP9C**	**JP9D**
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CX MII)					
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3
233MHz	83MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	60MHz	3x	1 & 2	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3x	1 & 2	2 & 3	1 & 2
266MHz	83MHz	2.5x	1 & 2	2 & 3	2 & 3
300MHz	75MHz	3x	1 & 2	2 & 3	1 & 2
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2
333MHz	75MHz	3.5x	1 & 2	1 & 2	1 & 2

CPU SPEED SELECTION (CX MII 30M, CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP9A**	**JP9B**	**JP9C**	**JP9D**
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	60MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	83MHz	2.5x	1 & 2	2 & 3	1 & 2	1 & 2
300MHz	75MHz	3x	2 & 3	2 & 3	1 & 2	1 & 2
300MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
333MHz	75MHz	3.5x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CX MII 37M, CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP9A**	**JP9B**	**JP9C**	**JP9D**
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2

CPU speed	Clock speed	Multiplier				
200MHz	60MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	83MHz	2.5x	1 & 2	2 & 3	1 & 2	1 & 2
300MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	1 & 2
300MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
333MHz	75MHz	3.5x	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM MII)

CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
166MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3
233MHz	83MHz	2x	1 & 2	1 & 2	2 & 3
200MHz	60MHz	3x	1 & 2	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3x	1 & 2	2 & 3	1 & 2
266MHz	83MHz	2.5x	1 & 2	2 & 3	2 & 3
300MHz	75MHz	3x	1 & 2	2 & 3	1 & 2
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2
333MHz	75MHz	3.5x	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM MII 30M, CON'T)

CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D

CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	60MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	83MHz	2.5x	1 & 2	2 & 3	1 & 2	1 & 2
300MHz	75MHz	3x	2 & 3	2 & 3	1 & 2	1 & 2
300MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
333MHz	75MHz	3.5x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM MII 37M, CON'T)						
CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
150MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2
200MHz	60MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	83MHz	2.5x	1 & 2	2 & 3	1 & 2	1 & 2

300MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	1 & 2
300MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
333MHz	75MHz	3.5x	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (IDT C6)					
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (IDT C6, CON'T)						
CPU speed	**Clock speed**	**Multiplier**	**JP9A**	**JP9B**	**JP9C**	**JP9D**
150MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
180MHz	60MHz	3x	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K6)					
CPU speed	**Clock speed**	**Multiplier**	**JP5A**	**JP5B**	**JP5C**
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2
266MHz	66MHz	4x	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	2 & 3	2 & 3	2 & 3
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (AM K6, CON'T)

CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	66MHz	4x	1 & 2	2 & 3	2 & 3	1 & 2
300MHz	66MHz	4.5x	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C
250MHz	100MHz	2.5x	1 & 2	2 & 3	2 & 3
300MHz	100MHz	3x	1 & 2	2 & 3	1 & 2
333MHz	95MHz	3.5x	1 & 2	1 & 2	1 & 2
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (AM K6-2 66M, CON'T)

CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
250MHz	100MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
300MHz	100MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3
333MHz	95MHz	3.5x	2 & 3	1 & 2	1 & 2	2 & 3
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K6-2 100M, CON'T)

CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
250MHz	100MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
300MHz	100MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3
333MHz	95MHz	3.5x	2 & 3	1 & 2	1 & 2	1 & 2
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	1 & 2	1 & 2	2 & 3
133MHz	66MHz	2x	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL, CON'T)						
CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
90MHz	60MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2
120MHz	60MHz	2x	2 & 3	2 & 3	2 & 3	1 & 2
133MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)					
CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.					

CPU SPEED SELECTION (INTEL MMX, CON'T)						
CPU speed	Clock speed	Multiplier	JP9A	JP9B	JP9C	JP9D
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU TYPE SELECTION		
Type	JP10A	JP10B
Single voltage	Pins 1 & 2 closed	Pins 1 & 2 closed
Dual voltage	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU VOLTAGE SELECTION				
Voltage	JP6A	JP6B	JP6C	JP6D
2.1v	Closed	Open	Open	Open
2.2v	Open	Closed	Open	Open
2.5v	Closed	Open	Closed	Open
2.7v	Closed	Closed	Closed	Open
2.8v	Open	Open	Open	Closed

2.8v	Open	Open	Open	Closed
2.9v	Closed	Open	Open	Closed
3.2v	Open	Open	Closed	Closed
3.3v	Closed	Closed	Closed	Closed
3.5v	Closed	Closed	Closed	Closed