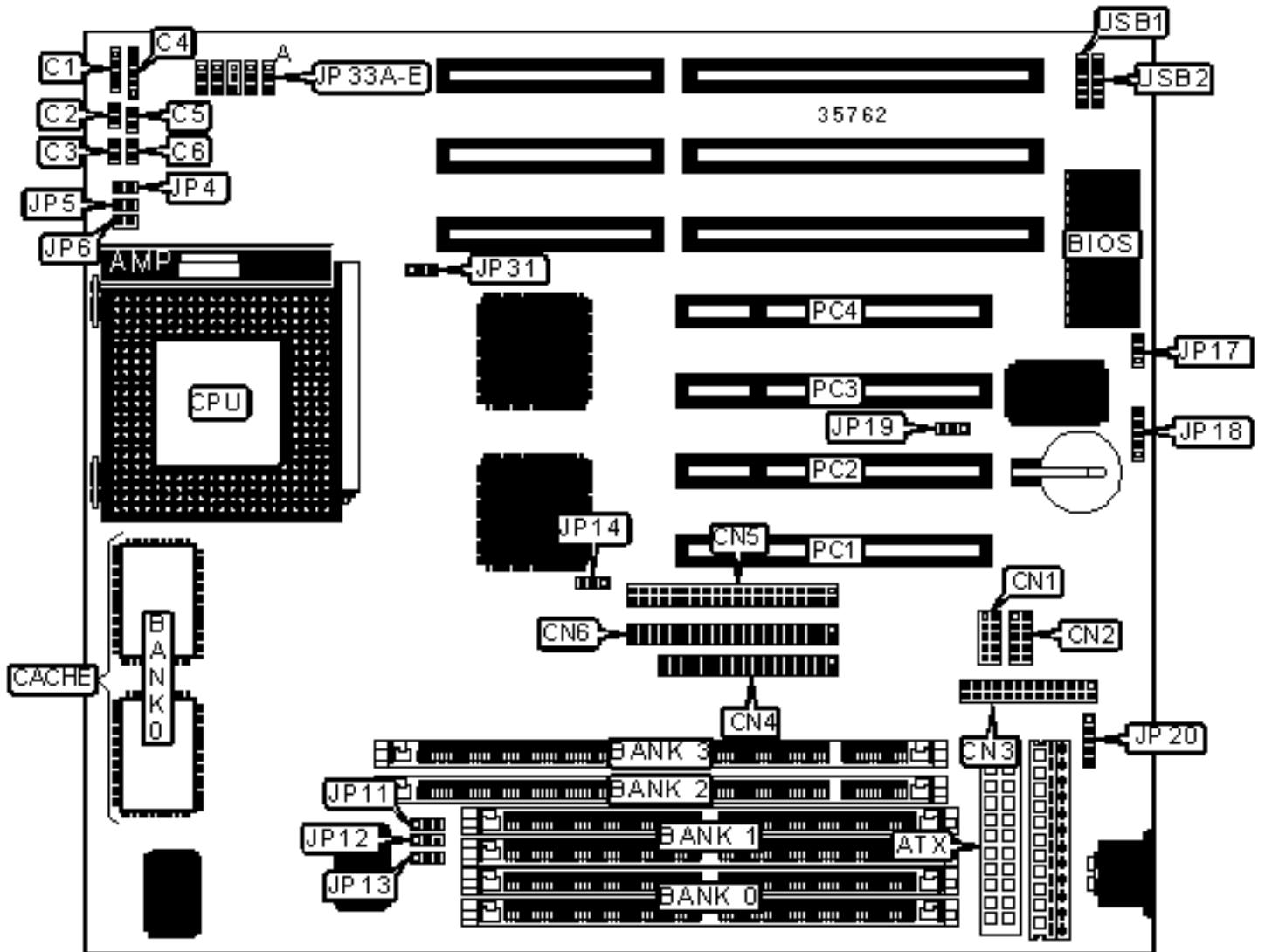


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-579

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Parallel port	CN3
Speaker	C1	Floppy drive interface	CN4
Reset switch	C2	IDE interface 1	CN5
Soft off power supply	C3	IDE interface 2	CN6
Power LED & keylock	C4	IR connector	JP18
Green PC connector	C5	PS/2 mouse interface	JP20
IDE interface LED	C6	32-bit PCI slots	PC1 - PC4
Serial port 2	CN1	USB connector 1	USB1
Serial port 1	CN2	USB connector 2	USB2

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	JP14	Unidentified
Flash BIOS voltage select 12v	JP17	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP17	Pins 1 & 2 closed
» CMOS memory normal operation	JP19	Pins 1 & 2 closed
CMOS memory clear	JP19	Pins 2 & 3 closed
Power supply select AT	JP31	Pins 2 & 3 closed
Power supply select ATX	JP31	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None

16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

DIMM CONFIGURATION

Size	Bank 2	Bank 3
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 2	Bank 3
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0
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512KB	(2) 64K x 32
1MB	(2) 128 x 32

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
120MHz	50MHz	2x	Open	Open	Closed	2 & 3	2 & 3	2 & 3
133MHz	55MHz	2x	Open	Open	Closed	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2x	Open	Open	Closed	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	Open	Open	Closed	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
120MHz	50MHz	2x	Open	Open	Closed	2 & 3	2 & 3	2 & 3
133MHz	55MHz	2x	Open	Open	Closed	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2x	Open	Open	Closed	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	Open	Open	Closed	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
150MHz	60MHz	2x	Open	Open	Closed	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	Open	Open	Closed	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
150MHz	60MHz	2x	Open	Open	Closed	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	Open	Open	Closed	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
166MHz	60MHz	2.5x	Open	Closed	Closed	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	Open	Closed	Closed	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3x	Open	Closed	Open	2 & 3	2 & 3	1 & 2
266MHz	66MHz	3.5x	Open	Open	Open	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
166MHz	60MHz	2.5x	Open	Closed	Closed	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	Open	Closed	Closed	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3x	Open	Closed	Open	2 & 3	2 & 3	1 & 2
266MHz	66MHz	3.5x	Open	Open	Open	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IDT C6)								
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
150MHz	60MHz	2.5x	Open	Closed	Closed	1 & 2	2 & 3	2 & 3
180MHz	60MHz	3x	Open	Closed	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
75MHz	50MHz	1.5x	Open	Open	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Open	Open	2 & 3	2 & 3	1 & 2
120MHz	60MHz	1.5x	Open	Open	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	1.5x	Open	Open	Open	2 & 3	2 & 3	1 & 2
166MHz	66MHz	1.75x	Open	Closed	Closed	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	JP4	JP5	JP6	JP11	JP12	JP13
166MHz	66MHz	2.5x	Open	Closed	Closed	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	Open	Open	Open	2 & 3	2 & 3	1 & 2
266MHz	66MHz	4x	Closed	Open	Closed	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP11	JP12	JP13
75MHz	50MHz	1.5x	Open	Open	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	Open	Open	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	Open	Open	Open	2 & 3	2 & 3	1 & 2
120MHz	60MHz	2x	Open	Open	Closed	1 & 2	2 & 3	2 & 3

133MHz	66MHz	2x	Open	Open	Closed	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2.5x	Open	Closed	Closed	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	Open	Closed	Closed	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	Open	Closed	Open	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	JP4	JP5	JP6	JP11	JP12	JP13
166MHz	66MHz	2.5x	Open	Closed	Closed	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	Open	Closed	Open	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3.5x	Open	Open	Open	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION

Voltage	JP33A	JP33B	JP33C	JP33D	JP33E
Auto	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
2.1v	1 & 2	Open	Open	Open	Open
2.2v	Open	1 & 2	Open	Open	Open
2.3v	1 & 2	1 & 2	Open	Open	Open
2.4v	Open	Open	1 & 2	Open	Open
2.5v	1 & 2	Open	1 & 2	Open	Open
2.6v	Open	1 & 2	1 & 2	Open	Open
2.7v	1 & 2	1 & 2	1 & 2	Open	Open
2.8v	Open	Open	Open	1 & 2	Open
2.9v	1 & 2	Open	Open	1 & 2	Open
3.0v	Open	1 & 2	Open	1 & 2	Open

3.1v	1 & 2	1 & 2	Open	1 & 2	Open
3.2v	Open	Open	1 & 2	1 & 2	Open
3.3v	1 & 2	Open	1 & 2	1 & 2	Open
3.4v	Open	1 & 2	1 & 2	1 & 2	Open
3.52v	1 & 2	1 & 2	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.