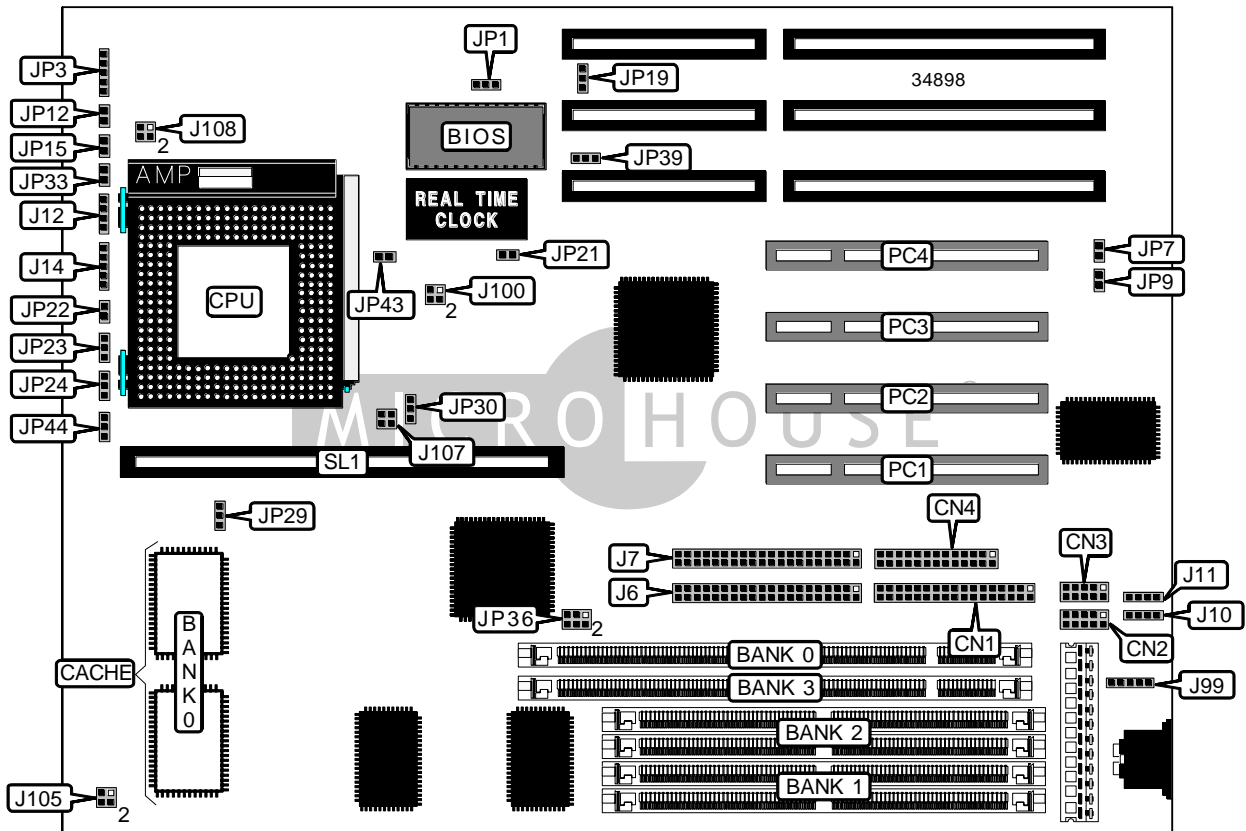


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-557 (VER. 1.5)

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	280mm 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), cache slot, IR connector, USB connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Floppy drive interface	CN1	IR connector	JP3
Serial port 1	CN2	Speaker	J12
Serial port 2	CN3	Power LED & keylock	J14
Parallel port	CN4	Reset switch	JP12
IDE interface 1	J6	Green PC connector	JP15
IDE interface 2	J7	IDE interface LED	JP22
USB connector 1	J10	Green PC LED	JP33
USB connector 2	J11	32-bit PCI slots	PC1 – PC4
PS/2 mouse interface	J99	Cache slot	SL1
Chassis fan power	JP1		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Monitor type select EGA/VGA	JP7	Closed
Monitor type select monochrome	JP7	Open
í Password normal operation	JP9	Open
Password clear	JP9	Closed
Flash BIOS voltage select 12v	JP19	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP19	Pins 1 & 2 closed
í CMOS memory normal operation	JP21	Open
CMOS memory clear	JP21	Closed
í Factory configured - do not alter	JP39	Pins 2 & 3 closed
í Factory configured - do not alter	JP43	Closed
í Factory configured - do not alter	JP44	Open

SIMM CONFIGURATION		
Size	Bank 1	Bank 2
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

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SIMM CONFIGURATION (CON'T)		
Size	Bank 1	Bank 2
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
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
Note: Board accepts EDO memory.		

DIMM CONFIGURATION		
Size	Bank 0	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) 8M x 64	(1) 8M x 64
Note: Board accepts SDRAM memory.		

CACHE CONFIGURATION		
Size	Bank 0	SL1
256KB	(2) 32K x 32	Not installed
512KB	(2) 32K x 32	256KB module installed

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

CACHE JUMPER CONFIGURATION		
Size	JP29	JP30
256KB	Pins 2 & 3 closed	Pins 2 & 3 closed
512KB	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU SPEED SELECTION (CX 6X86)					
CPU speed	Clock speed	Multiplier	JP23	JP24	JP36
120MHz	50MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2, 5 & 6
150MHz	60MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4
166MHz	66MHz	2x	1 & 2	2 & 3	3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86)					
CPU speed	Clock speed	Multiplier	JP23	JP24	JP36
120MHz	50MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2, 5 & 6
150MHz	60MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4
166MHz	66MHz	2x	1 & 2	2 & 3	3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)					
CPU speed	Clock speed	Multiplier	JP23	JP24	JP36
120MHz	50MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2, 5 & 6
150MHz	60MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4
166MHz	66MHz	2x	1 & 2	2 & 3	3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (IBM 6X86L)					
CPU speed	Clock speed	Multiplier	JP23	JP24	JP36
120MHz	50MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2, 5 & 6
150MHz	60MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4
166MHz	66MHz	2x	1 & 2	2 & 3	3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)					
CPU speed	Clock speed	Multiplier	JP23	JP24	JP36
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2, 3 & 4, 5 & 6
90MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2, 3 & 4
100MHz	66MHz	1.5x	2 & 3	2 & 3	3 & 4, 5 & 6
120MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2, 3 & 4
133MHz	66MHz	1.5x	2 & 3	2 & 3	3 & 4, 5 & 6
150MHz	60MHz	1.75x	1 & 2	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	1.75x	1 & 2	1 & 2	3 & 4, 5 & 6
200MHz	66MHz	2x	1 & 2	1 & 2	3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)					
CPU speed	Clock speed	Multiplier	JP23	JP24	JP36
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2, 3 & 4, 5 & 6
90MHz	60MHz	1.5x	2 & 3	2 & 3	1 & 2, 3 & 4
100MHz	66MHz	1.5x	2 & 3	2 & 3	3 & 4, 5 & 6
120MHz	60MHz	2x	1 & 2	2 & 3	1 & 2, 3 & 4
133MHz	66MHz	2x	1 & 2	2 & 3	3 & 4, 5 & 6
150MHz	60MHz	2.5x	1 & 2	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	1 & 2	1 & 2	3 & 4, 5 & 6
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2, 3 & 4
200MHz	66MHz	3x	2 & 3	1 & 2	3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

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CPU VOLTAGE SELECTION (SINGLE)				
Voltage	J100	J105	J107	J108
2.82v	Open	3 & 4	Open	1 & 3, 2 & 4
2.94v	2 & 4	3 & 4	Open	1 & 3, 2 & 4
3.10v	3 & 4	3 & 4	Open	1 & 3, 2 & 4
3.33v	1 & 3	3 & 4	Open	1 & 3, 2 & 4
3.53v	1 & 3, 2 & 4	3 & 4	Open	1 & 3, 2 & 4

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)					
Voltage	V core	J100	J105	J107	J108
2.82v	3.33v	Open	3 & 4	1 & 3, 2 & 4	Open
2.82v	3.44v	Open	2 & 4	1 & 3, 2 & 4	Open
2.94v	3.33v	2 & 4	3 & 4	1 & 3, 2 & 4	Open
2.94v	3.44v	2 & 4	2 & 4	1 & 3, 2 & 4	Open
3.10v	3.33v	3 & 4	3 & 4	1 & 3, 2 & 4	Open
3.10v	3.44v	3 & 4	2 & 4	1 & 3, 2 & 4	Open

Note: Pins designated should be in the closed position.