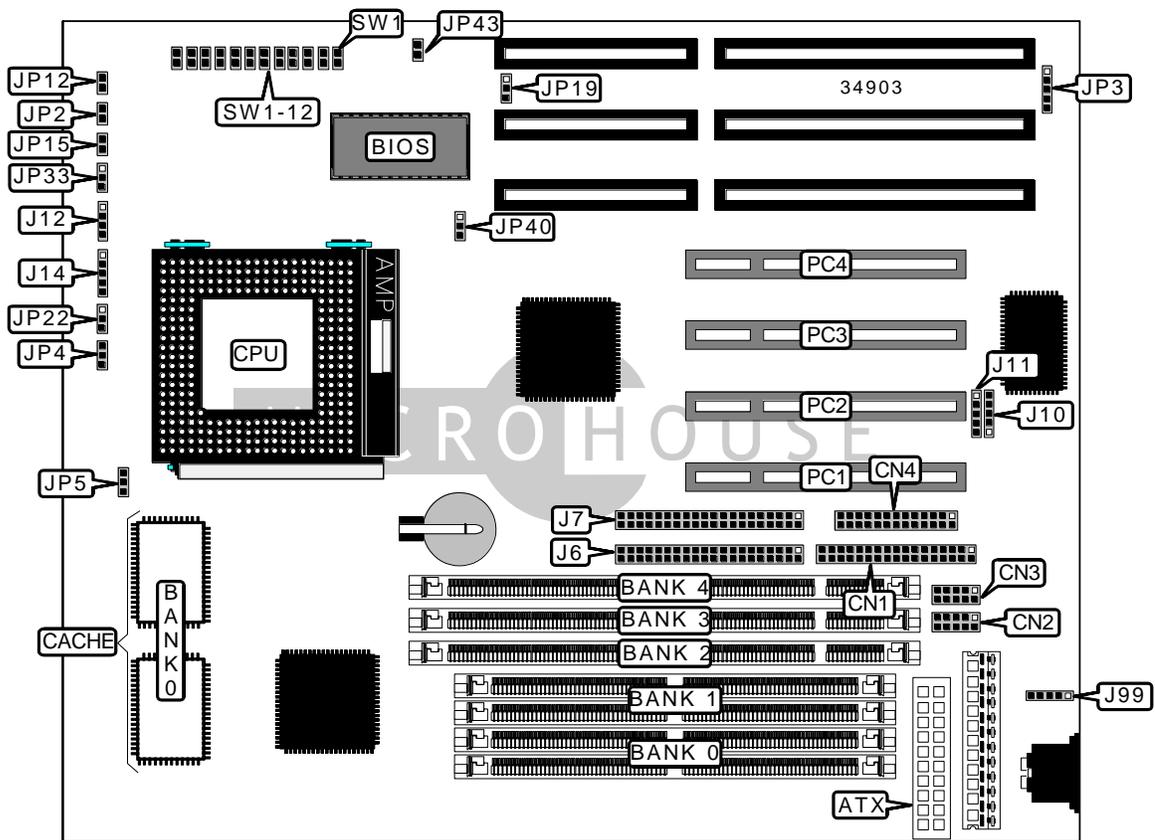


# SHUTTLE COMPUTER INTERNATIONAL, INC.

## HOT-571

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/200/233MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	256MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	280mm x 220mm
<b>I/O Options</b>	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), ATX power connector
<b>NPU Options</b>	None



Continued on next page...

SHUTTLE COMPUTER INTERNATIONAL, INC.  
HOT - 571

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	PS/2 mouse interface	J99
Floppy drive interface	CN1	Soft off power supply	JP2
Serial port 1	CN2	IR connector	JP3
Serial port 2	CN3	CPU fan power	JP4
Parallel port	CN4	Chassis fan power	JP5
IDE interface 1	J6	Reset switch	JP12
IDE interface 2	J7	Green PC connector	JP15
USB connector 1	J10	IDE interface LED	JP22
USB connector 2	J11	Green PC LED	JP33
Speaker	J12	32-bit PCI slots	PC1 – PC4
Power LED & keylock	J14		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Flash BIOS voltage select 12v	JP19	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP19	Pins 2 & 3 closed
CMOS memory normal operation	JP40	Pins 2 & 3 closed
CMOS memory clear	JP40	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
96MB	(2) 8M x 36	(2) 4M x 36

Continued on next page. . .

SHUTTLE COMPUTER INTERNATIONAL, INC.  
HOT-571

... continued from previous page

SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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	Bank 4
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
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

Continued on next page...

SHUTTLE COMPUTER INTERNATIONAL, INC.  
HOT - 571

... continued from previous page

DIMM CONFIGURATION (CON'T)			
Size	Bank 2	Bank 3	Bank 4
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

Note: Board accepts SDRAM memory.

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

Continued on next page...

SHUTTLE COMPUTER INTERNATIONAL, INC.  
HOT - 571

... continued from previous page

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
120MHz	50MHz	2x	Closed	Closed	Closed	Closed	Open	Open
133MHz	55MHz	2x	Closed	Closed	Open	Closed	Open	Open
150MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2x	Open	Open	Open	Closed	Open	Open

CPU SPEED SELECTION (IBM 6X86)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
120MHz	50MHz	2x	Closed	Closed	Closed	Closed	Open	Open
133MHz	55MHz	2x	Closed	Closed	Open	Closed	Open	Open
150MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2x	Open	Open	Open	Closed	Open	Open

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
150MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2x	Open	Open	Open	Closed	Open	Open

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
150MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
166MHz	66MHz	2x	Open	Open	Open	Closed	Open	Open

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
166MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open
200MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open
233MHz	66MHz	3x	Open	Open	Open	Open	Open	Closed

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
166MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open
200MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open
233MHz	66MHz	3x	Open	Open	Open	Open	Open	Closed

Continued on next page...

SHUTTLE COMPUTER INTERNATIONAL, INC.  
HOT - 571

... continued from previous page

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
75MHz	50MHz	1.5x	Closed	Closed	Closed	Open	Open	Open
90MHz	60MHz	1.5x	Closed	Open	Open	Open	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open	Open	Open	Open
120MHz	60MHz	1.5x	Closed	Open	Open	Open	Open	Open
133MHz	66MHz	1.5x	Open	Open	Open	Open	Open	Open
150MHz	60MHz	2.5x	Closed	Open	Open	Closed	Closed	Open
166MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
166MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open
200MHz	66MHz	3x	Open	Open	Open	Open	Open	Closed
233MHz	66MHz	3.5x	Open	Open	Open	Open	Open	Open

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
75MHz	50MHz	1.5x	Closed	Closed	Closed	Open	Open	Open
90MHz	60MHz	1.5x	Closed	Open	Open	Open	Open	Open
100MHz	66MHz	1.5x	Open	Open	Open	Open	Open	Open
120MHz	60MHz	2x	Closed	Open	Open	Closed	Open	Open
133MHz	66MHz	2x	Open	Open	Open	Closed	Open	Open
150MHz	60MHz	2.5x	Closed	Open	Open	Closed	Closed	Open
166MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open
200MHz	66MHz	3x	Open	Open	Open	Open	Open	Closed

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	SW1	SW2	SW3	SW4	SW5	SW6
166MHz	66MHz	2.5x	Open	Open	Open	Closed	Closed	Open
200MHz	66MHz	3x	Open	Open	Open	Open	Open	Closed
233MHz	66MHz	3.5x	Open	Open	Open	Open	Open	Open

Continued on next page. . .

SHUTTLE COMPUTER INTERNATIONAL, INC.  
HOT - 571

... continued from previous page

CPU VOLTAGE SELECTION						
Voltage	SW7	SW8	SW9	SW10	SW11	SW12
2.8v	Open	Open	Open	Open	Open	Open
2.9v	Closed	Open	Open	Open	Open	Open
3.0v	Open	Closed	Open	Open	Open	Open
3.1v	Closed	Closed	Open	Open	Open	Open
3.2v	Open	Open	Closed	Open	Open	Open
3.3v	Open	Open	Open	Open	Open	Open
3.52v	Closed	Open	Open	Open	Open	Open

CPU VOLTAGE AUTO DETECT SELECTION	
Setting	JP43
Enabled	Closed
Disabled	Open