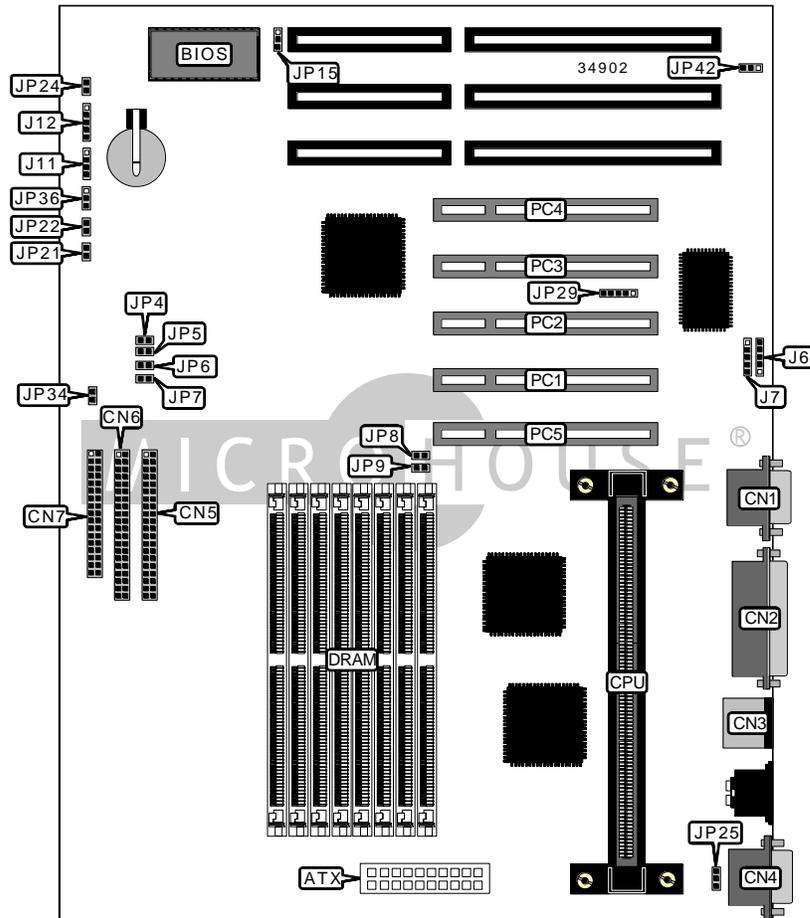


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-623

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 240mm
I/O Options	32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Speaker	J11
Serial port 2	CN1	Power LED & keylock	J12
Parallel port	CN2	IDE interface LED	JP21
PS/2 mouse port	CN3	Green PC connector	JP22
Serial port 1	CN4	Reset switch	JP24
IDE interface 1	CN5	Chassis fan power	JP25
IDE interface 2	CN6	IR connector	JP29
Floppy drive interface	CN7	Green PC LED	JP36
USB connector 1	J6	32-bit PCI slots	PC1 – PC5
USB connector 2	J7		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Flash BIOS voltage select 12v	JP15	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP15	Pins 2 & 3 closed
í Factory configured – do not alter	JP34	Unidentified
í CMOS memory normal operation	JP42	Pins 1 & 2 closed
CMOS memory clear	JP42	Pins 2 & 3 closed

SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	None	None	None
16MB	(2) 2M x 36	None	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
24MB	(2) 2M x 36	(2) 1M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	None
32MB	(2) 4M x 36	None	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None	None
32MB	(2) 1M x 36			
40MB	(2) 4M x 36	(2) 1M x 36	None	None
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	None
64MB	(2) 2M x 36			

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SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(2) 8M x 36	None	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None	None
72MB	(2) 8M x 36	(2) 1M x 36	None	None
80MB	(2) 8M x 36	(2) 2M x 36	None	None
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	None
128MB	(2) 16M x 36	None	None	None
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 4M x 36			
136MB	(2) 16M x 36	(2) 1M x 36	None	None
144MB	(2) 16M x 36	(2) 2M x 36	None	None
152MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None	None
176MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	None
224MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
256MB	(2) 32M x 36	None	None	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None
256MB	(2) 8M x 36			
272MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
280MB	(2) 32M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
288MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
304MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
320MB	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
352MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	None
448MB	(2) 32M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
512MB	(2) 32M x 36	(2) 32M x 36	None	None
512MB	(2) 16M x 36			
640MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	None
1024MB	(2) 32M x 36			
Note: Board accepts EDO memory.				

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CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP7	JP8	JP9
233MHz	66MHz	3.5x	Open	Open	Closed	Closed	Open	Closed
266MHz	66MHz	4x	Closed	Closed	Open	Closed	Open	Closed
300MHz	66MHz	4.5x	Open	Closed	Open	Closed	Open	Closed