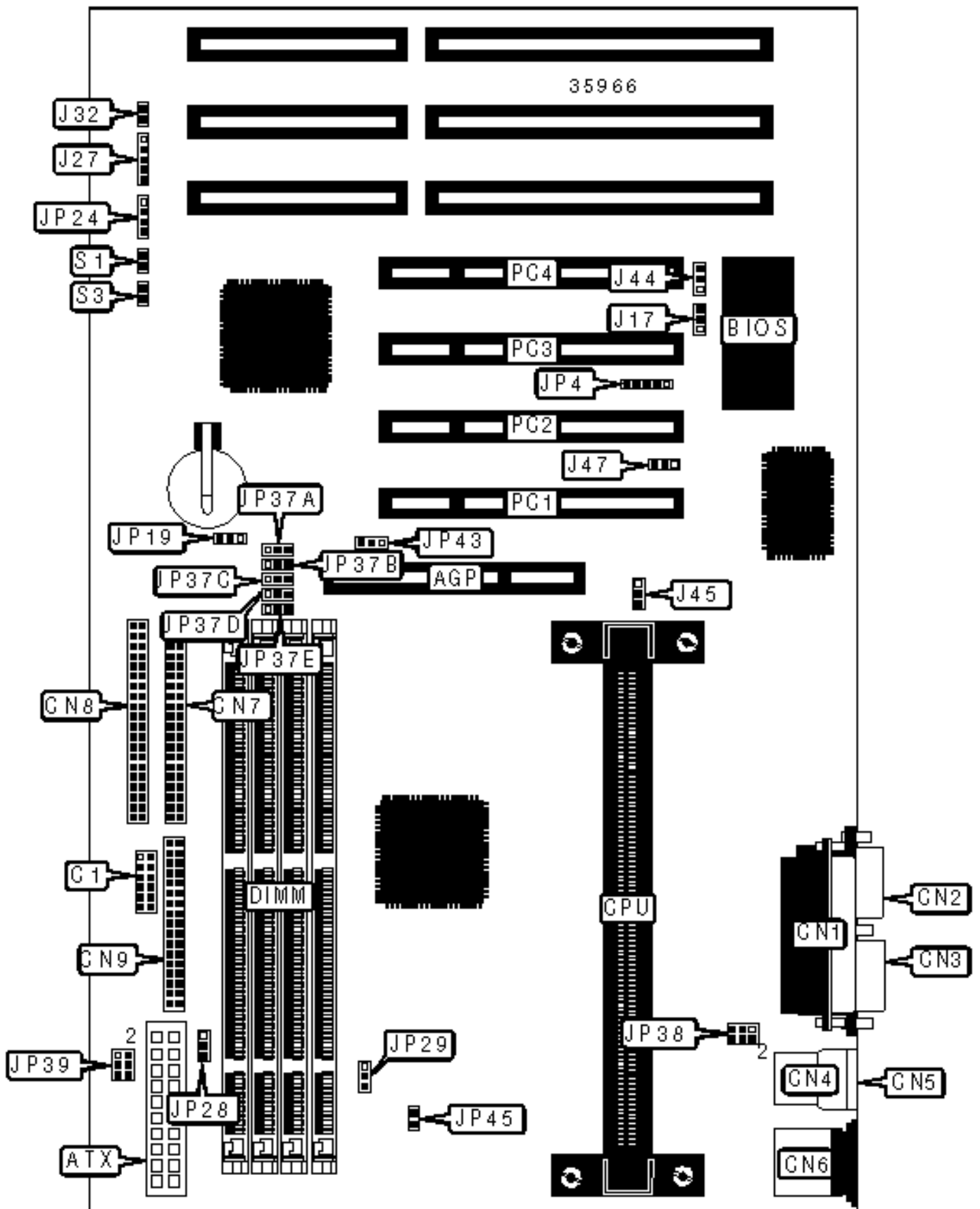


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-661/P

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Power LED & keylock	J27
ATX power connector	ATX	Reset switch	J32
EISCA connector	C1	Wake on LAN connector	J45
Parallel port	CN1	AGP fan power	J47
Serial port 1	CN2	IR connector	JP4
Serial port 2	CN3	Speaker	JP24
USB connector 1	CN4	CPU fan power	JP28
USB connector 2	CN5	CPU fan power	JP29
PS/2 mouse port	CN6	Chassis fan power	JP43
IDE interface 1	CN7	Soft off power supply	S1
IDE interface 2	CN8	IDE interface LED	S3
Floppy drive interface	CN9	32-bit PCI slots	PC1 - PC4

## USER CONFIGURABLE SETTINGS

Function	Label	Position
Flash BIOS voltage select 12v	J17	Pins 1 & 2 closed
Flash BIOS voltage select 5v	J17	Pins 2 & 3 closed
» CMOS memory normal operation	JP19	Pins 1 & 2 closed
CMOS memory clear	JP19	Pins 2 & 3 closed

## DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None

16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None

192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 32M x 64	None	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
280MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
640MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board accepts SDRAM memory.				

### CACHE CONFIGURATION

256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 C

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP39
233MHz	66MHz	3.5x	Pins 5 & 6 closed
266MHz	66MHz	4x	Pins 5 & 6 closed
300MHz	66MHz	4.5x	Pins 5 & 6 closed
333MHz	66MHz	5x	Pins 5 & 6 closed

350MHz	100MHz	3.5x	Open
400MHz	100MHz	4x	Open
450MHz	100MHz	4.5x	Open
500MHz	100MHz	5x	Open
550MHz	100MHz	5.5x	Open

### CPU SPEED SELECTION

Clock speed	JP37A	JP37B	JP37C	JP37D	JP37E
BIOS select	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
Manual select	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position. If the above jumpers are set to manual, remove jumper at JP45.

### KEYBOARD/MOUSE SELECTION

Setting	J44	JP38
Keyboard/mouse power on enabled	Pins 1 & 2 closed	Pins 2 & 3, 5 & 6 closed
Keyboard/mouse power on disabled	Pins 2 & 3 closed	Pins 1 & 2, 4 & 5 closed
Mouse power on enabled	Pins 1 & 2 closed	Pins 2 & 3, 4 & 5 closed
Keyboard power on disabled	Pins 1 & 2 closed	Pins 1 & 2, 5 & 6 closed