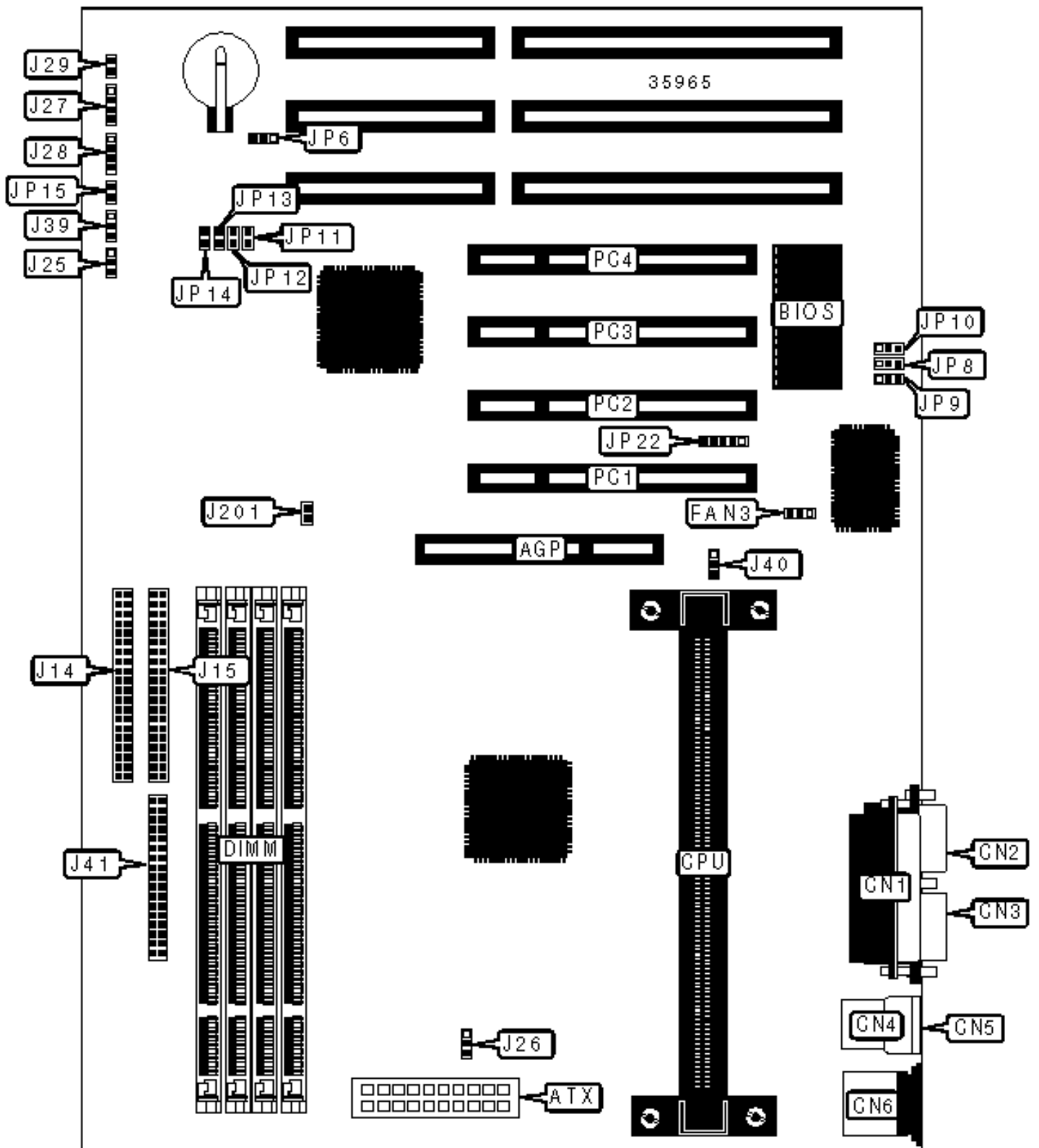


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-641/P

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Power LED	J25
ATX power connector	ATX	CPU fan power	J26
Parallel port	CN1	Speaker	J27
Serial port 1	CN2	IDE interface LED	J28
Serial port 2	CN3	Reset switch	J29
USB connector 1	CN4	Wake on LAN connector	J39
USB connector 2	CN5	Floppy drive interface	J41
PS/2 mouse port	CN6	Soft off power supply	JP15
IDE interface 1	J14	IR connector	JP22
IDE interface 2	J15	32-bit PCI slots	PC1 - PC4
AGP fan power	FAN3		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	J40	Pins 2 & 3 closed
» CMOS memory normal operation	JP6	Pins 1 & 2 closed
CMOS memory clear	JP6	Pins 2 & 3 closed
» Factory configured - do not alter	JP8	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP9	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP9	Pins 2 & 3 closed
» Factory configured - do not alter	JP10	Pins 1 & 2 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

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2	Bank 3
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
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	J201	JP11	JP12	JP13	JP14
233MHz	66MHz	3.5x	Closed	Closed	Open	Open	Closed
266MHz	66MHz	4x	Closed	Open	Closed	Closed	Closed

300MHz	66MHz	4.5x	Closed	Open	Open	Closed	Closed
333MHz	66MHz	5x	Closed	Open	Closed	Open	Closed
350MHz	100MHz	3.5x	Open	Closed	Open	Open	Closed
400MHz	100MHz	4x	Open	Open	Closed	Closed	Closed
450MHz	100MHz	4.5x	Open	Open	Open	Closed	Closed
500MHz	100MHz	5x	Open	Open	Closed	Open	Closed