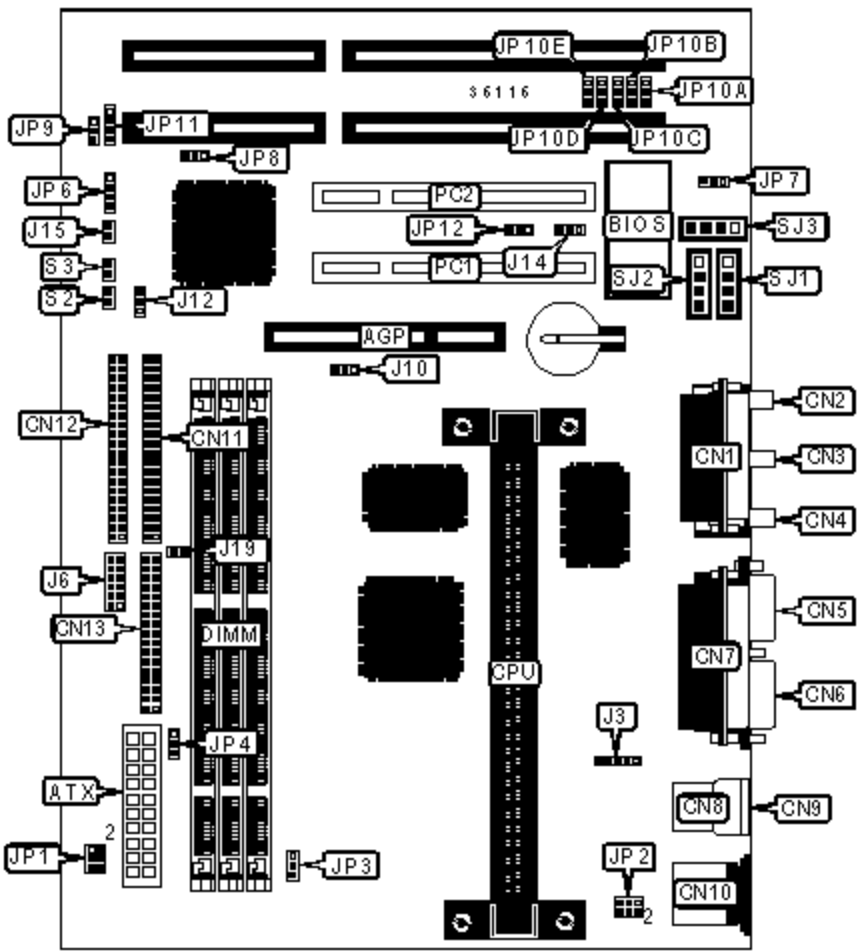


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-675V

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/350/400/450/500MHz
Chip Set	VIA VT
Maximum Onboard Memory	768MB (SDRAM supported)
Audio Chip Set	Creative Labs
Cache	0/128/256/512KB (located on the CPU)
BIOS	Award
Dimensions	244mm x 170mm
I/O Options	32-bit PCI slots (2), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, IR connector, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in – CD-ROMs (3), wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	AGP fan power	J10
ATX power connector	ATX	Wake on LAN connector	J12
Game/MIDI port	CN1	Chassis fan power	J14
Microphone in	CN2	Reset switch	J15

Line in	CN3	CPU fan power	JP3
Line out	CN4	CPU fan power	JP4
Serial port 2	CN5	Speaker	JP6
Serial port 1	CN6	Power LED	JP9
Parallel port	CN7	Green PC connector	JP11/pins 1 & 2
USB connector 1	CN8	Green PC LED	JP11/pins 3 & 4
USB connector 2	CN9	32-bit PCI slots	PC1 – PC2
PS/2 mouse port	CN10	Soft off power supply	S2
Floppy drive interface	CN11	IDE interface LED	S3
IDE interface 2	CN12	Audio in – CD-ROM	SJ1
IDE interface 1	CN13	Audio in – CD-ROM	SJ2
IR connector	J3	Audio in – CD-ROM	SJ3
EISCA connector	J6		

USER CONFIGURABLE SETTINGS

Function		Label	Position
	Flash BIOS voltage select 12v	JP7	Pins 2 & 3 closed
	Flash BIOS voltage select 5v	JP7	Pins 1 & 2 closed
»	CMOS memory normal operation	JP8	Pins 1 & 2 closed
	CMOS memory clear	JP8	Pins 2 & 3 closed
	On board sound enabled	JP12	Pins 1 & 2 closed
	On board sound disabled	JP12	Pins 2 & 3 closed

DIMM CONFIGURATION

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

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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
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
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
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP1
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

CPU SPEED SELECTION, (CON'T)

CPU speed	Clock speed	Multiplier	JP10A	JP10B	JP10C	JP10D	JP10E
233MHz	66MHz	3.5x	1 & 2	Open	1 & 2	Open	Open
266MHz	66MHz	4x	Open	1 & 2	1 & 2	1 & 2	Open
300MHz	66MHz	4.5x	Open	1 & 2	1 & 2	Open	Open
333MHz	66MHz	5x	Open	Open	1 & 2	1 & 2	Open
350MHz	100MHz	3.5x	1 & 2	Open	1 & 2	Open	Open
400MHz	100MHz	4x	Open	1 & 2	1 & 2	1 & 2	Open
450MHz	100MHz	4.5x	Open	1 & 2	1 & 2	Open	Open
500MHz	100MHz	5x	Open	Open	1 & 2	1 & 2	Open
BIOS select	N/A	N/A	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU OVER CLOCK SELECTION

Setting	140

Setting	J19
66MHz	Closed
100MHz	Open

KEYBOARD/MOUSE POWER ON SELECTION	
Setting	JP2
Power on disabled	Pins 3 & 5, 4 & 6 closed
Power on enabled	Pins 1 & 3, 4 & 6 closed
Mouse power on enabled	Pins 2 & 4, 3 & 5 closed