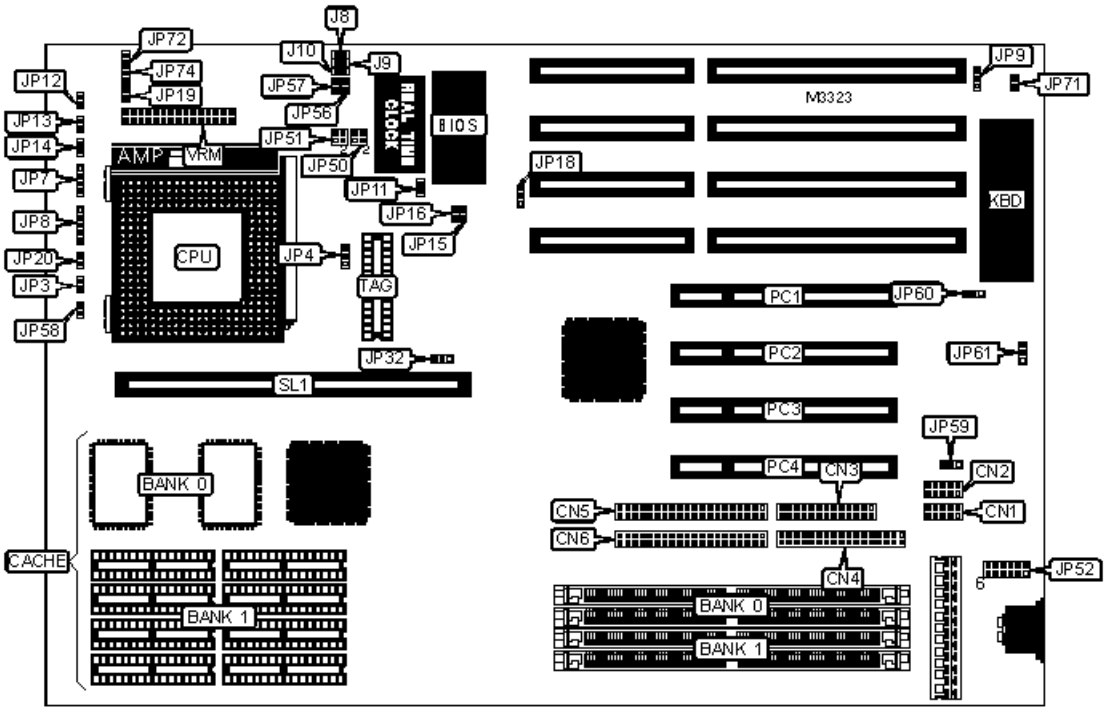
SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-541 (REV. 1)

Processor	Pentium
Processor Speed	75/90/100/120/133MHz
Chip Set	Intel
Maximum Onboard Memory	128MB (EDO supported)
Cache	256/512KB
BIOS	AMI/Award
Dimensions	280mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VRM connector, cache slot
NPU Options	None



CONNECTIONS			
Function	**Label**	**Function**	**Label**
Serial port 1	CN1	Turbo switch	JP13
Serial port 2	CN2	Turbo LED	JP14
Parallel port	CN3	Green PC connector	JP19
Floppy drive interface	CN4	IDE interface LED	JP20
IDE interface 2	CN5	PS/2 mouse interface	JP52

IDE interface 1	CN6	Green PC LED	JP74
Speaker	JP7	32-bit PCI slots	PC1 - PC4
Power LED & keylock	JP8	VRM connector	VRM
Reset switch	JP12	Cache slot	SL1

USER CONFIGURABLE SETTINGS			
Setting		**Label**	**Position**
»	Flash BIOS voltage select 5v	JP9	Open
	Flash BIOS voltage select 12v	JP9	Pins 2 & 3 closed
»	CMOS memory normal operation	JP11	Open
	CMOS memory clear	JP11	Closed
»	On board I/O enabled	JP59	Pins 1 & 2 closed
	On board I/O disabled	JP59	Pins 2 & 3 closed
»	Monitor type select color	JP71	Closed
	Monitor type select monochrome	JP71	Open
»	Password normal operation	JP72	Open
	Password clear	JP72	Closed

DRAM		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 32	None
8MB	None	(2) 1M x 32
16MB	(2) 2M x 32	None
16MB	None	(2) 2M x 32
16MB	(2) 1M x 32	(2) 1M x 32
24MB	(2) 1M x 32	(2) 2M x 32

24MB	(2) 2M x 32	(2) 1M x 32
32MB	(2) 4M x 32	None
32MB	None	(2) 4M x 32
32MB	(2) 2M x 32	(2) 2M x 32
40MB	(2) 1M x 32	(2) 4M x 32
40MB	(2) 4M x 32	(2) 1M x 32
48MB	(2) 2M x 32	(2) 4M x 32
48MB	(2) 4M x 32	(2) 2M x 32
64MB	(2) 8M x 32	None
64MB	None	(2) 8M x 32

DRAM (CON'T)		
Size	**Bank 0**	**Bank 1**
64MB	(2) 4M x 32	(2) 4M x 32
72MB	(2) 1M x 32	(2) 8M x 32
72MB	(2) 8M x 32	(2) 1M x 32
80MB	(2) 2M x 32	(2) 8M x 32
80MB	(2) 8M x 32	(2) 2M x 32
96MB	(2) 4M x 32	(2) 8M x 32
96MB	(2) 8M x 32	(2) 4M x 32
128MB	(2) 8M x 32	(2) 8M x 32
Note: Board accepts EDO memory.		

CACHE SIZE				
Size	**Bank 0**	**Bank 1**	**TAG**	**SL1**
256KB (A)	None	(8) 32K x 8	(1) 32K x 8	Not installed

256KB (B)	None	None	None	Installed
256KB (C)	(2) 32K x 32	None	(1) 32K x 8	Not installed
512KB (A)	None	(8) 64K x 8	(1) 32K x 8	Not installed

CACHE JUMPER	
Size	**JP4**
256KB (A)	Pins 2 & 3 closed
512KB (A)	Pins 1 & 2 closed

CACHE VOLTAGE	
Setting	**JP32**
Mixed mode	Pins 1 & 2 closed
3.3v	Pins 2 & 3 closed

CPU SPEED		
Setting	**JP15**	**JP16**
75MHz	Open	Open
90MHz	Closed	Closed
100MHz	Open	Closed
120MHz	Closed	Closed
133MHz	Open	Closed

AT BUS CLOCK SPEED		
System clock	**AT bus clock**	**JP18**
50MHz	6.25MHz	Pins 2 & 3 closed
50MHz	8.33MHz	Pins 1 & 2 closed
60MHz	7.5MHz	Pins 2 & 3 closed

60MHz	10MHz	Pins 1 & 2 closed
66MHz	8.25MHz	Pins 2 & 3 closed
66MHz	11MHz	Pins 1 & 2 closed

CPU MULTIPLIER		
Setting	**JP3**	**JP58**
1.5x	Open	Open
2x	Closed	Open
2.5x	Closed	Closed
3x	Open	Closed

CPU VOLTAGE			
Setting	**J8**	**J9**	**J10**
3.3v	Closed	Open	Open
3.4v	Open	Closed	Open
3.6v	Open	Open	Closed

VRM CONNECTOR				
Setting	**JP50**	**JP51**	**JP56**	**JP57**
On board regulator installed	1 & 3, 2 & 4	Open	Closed	Closed
Add on VRM installed at VRM	Open	1 & 3, 2 & 4	Open	Open
On board regulator and add on VRM installed at VRM	Open	Open	Closed	Closed
Note: Pins designated should be in the closed position.				

DMA CHANNEL		
Setting	**JP60**	**JP61**
DMA1	Pins 1 & 2 closed	Pins 1 & 2 closed

DMA3	Pins 2 & 3 closed	Pins 2 & 3 closed

PS/2 MOUSE	
Setting	**JP52**
12-pin header	Pins 2, 3, 4, 5, 6, 8, 9, 10, 11, 12 closed
6-pin mini	Pins 1 - 6 closed