SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-541

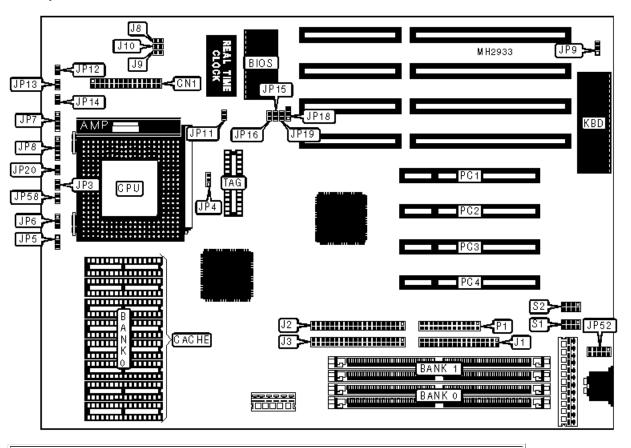|	
Processor	Pentium
Processor Speed	75/90/100/120/133/150/180MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	256/512KB
BIOS	Award
Dimensions	280mm x 220mm
I/O Options	PS/2 mouse port, parallel port, serial ports (2), 32-bit PCI slots (4), green PC connector, floppy drive interface, IDE interfaces (2), VRM connector
NPU Options	None

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
VRM connector	CN1	Turbo LED	JP14
Floppy drive interface	J1	Green PC connector	JP19
IDE interface 2	J2	IDE interface LED	JP20
IDE interface 1	J3	PS/2 mouse port	JP52

Speaker	JP7	Parallel port	P1
Power LED & keylock	JP8	32-bit PCI slots	PC1 - PC4
Reset switch	JP12	Serial port 2	S1
Turbo switch	JP13	Serial port 1	S2

USER CONFIGURABLE SETTINGS			
	Function	Jumper	Position
»	Flash BIOS voltage select 5v	JP9	pins 1 & 2 closed
	Flash BIOS voltage select 12v	JP9	pins 2 & 3 closed
»	CMOS memory normal operation	JP11	Open
	CMOS memory clear	JP11	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	NONE
8MB	NONE	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	NONE	(2) 2M x 36
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	NONE
32MB	NONE	(2) 4M x 36
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 1M x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36

48MB	(2) 2M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	NONE
64MB	NONE	(2) 8M x 36
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 1M x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 2M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 4M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(8) 32K x 8	(1) 32K x 8
512KB	(8) 64K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JP4	JP5	JP6
None	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
512KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION		
System clock	JP15	JP16

50MHz	Open	Open
60MHz	Closed	Closed
66MHz	Closed	Open

CPU BUS CLOCK CONFIGURATION		
System clock	**AT bus clock**	**JP18**
50MHz	6.25MHz	pins 2 & 3 closed
50MHz	8.33MHz	pins 1 & 2 closed
60MHz	7.50MHz	pins 2 & 3 closed
60MHz	10.0MHz	pins 1 & 2 closed
66MHz	8.25MHz	pins 2 & 3 closed
66MHz	11.0MHz	pins 1 & 2 closed

CPU BUS RATIO CONFIGURATION			
Bus/core ratio	**CQA/fraction**	**JP3**	**JP58**
2/3	50MHz/75MHz	Open	Open
2/3	60MHz/90MHz	Open	Open
2/3	66MHz/100MHz	Open	Open
1/2	50MHz/100MHz	Closed	Open
1/2	60MHz/120MHz	Closed	Open
1/2	66MHz/133MHz	Closed	Open
1/3	33MHz/100MHz	Open	Closed
1/3	50MHz/150MHz	Open	Closed
1/3	60MHz/180MHz	Open	Closed

CPU VOLTAGE CONFIGURATION

Voltage	J8	J9	J10
3.3v	Open	Closed	Open
3.45v	Open	Open	Closed
3.6v	Closed	Open	Open