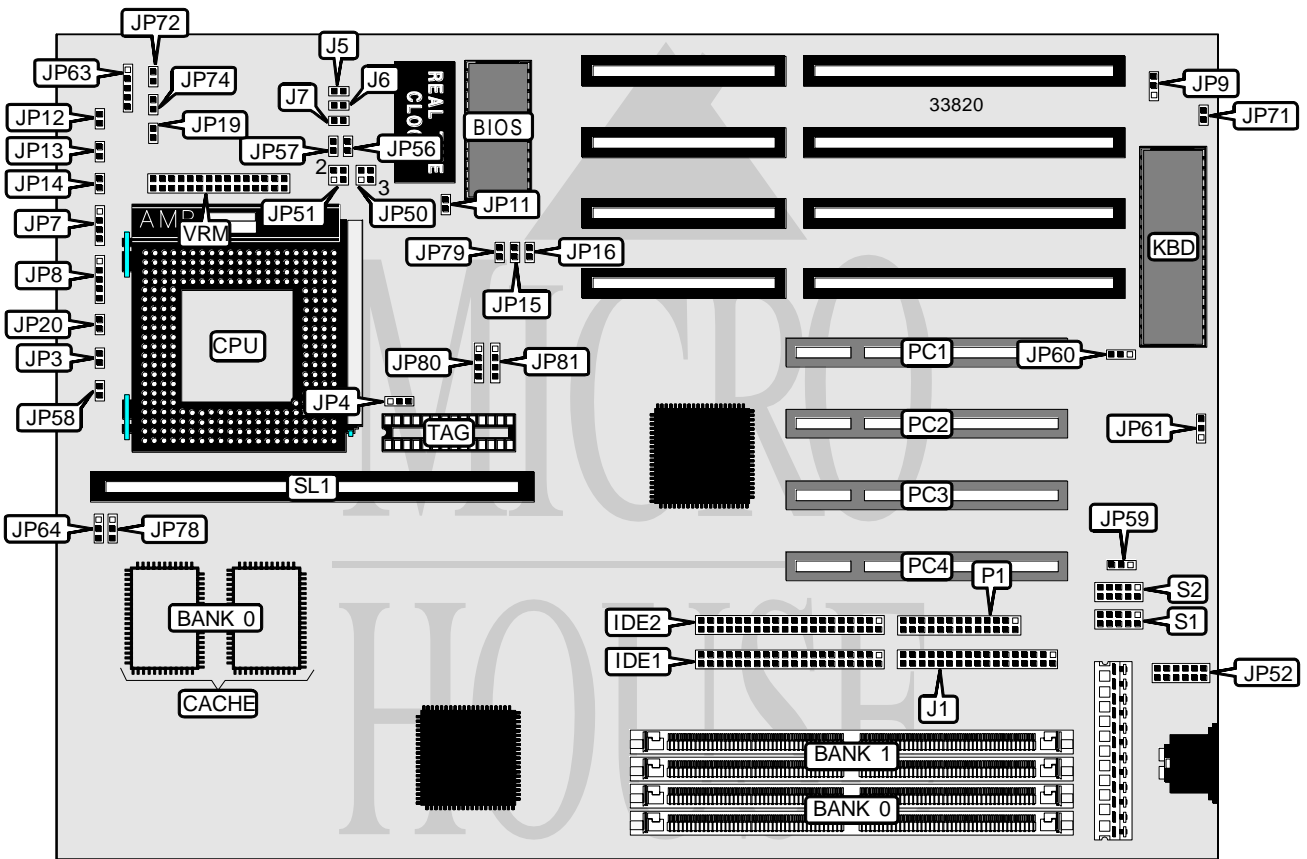


# SHUTTLE COMPUTER INTERNATIONAL, INC.

## HOT - 553

<b>Processor</b>	CX M1/AM K5/Pentium
<b>Processor Speed</b>	66/75/90/100/120/125/133/150/166/180/200/MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	256MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	280mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, VRM connector, USB connectors (2)
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface 1	IDE1	IR connector	JP63
IDE interface 2	IDE2	Green PC LED	JP74
Floppy drive interface	J1	USB connector	JP80
Speaker	JP7	USB connector	JP81
Power LED & keylock	JP8	Parallel port	P1
Reset switch	JP12	32-bit PCI slots	PC1 - PC4
Turbo switch	JP13	Serial port 1	S1
Turbo LED	JP14	Serial port 2	S2
Green PC connector	JP19	Cache slot	SL1
IDE interface LED	JP20	VRM connector	VRM
PS/2 mouse interface	JP52		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Flash BIOS voltage select 12v	JP9	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP9	Pins 1 & 2 closed
í CMOS memory normal operation	JP11	Open
CMOS memory clear	JP11	Closed
í Factory configured - do not alter	JP59	Pins 2 & 3 closed
Monitor type select	JP71	Unidentified
í Password normal operation	JP72	Open
Password clear	JP72	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36
136MB	(2) 16M x 36	(2) 1M x 36

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory. Banks are interchangeable.

CACHE CONFIGURATION			
Size	Bank 0	SL1	TAG
256KB	(2) 32K x 32	None installed	(1) 32K x 8
512KB	(2) 32K x 32	256KB module installed	(1) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	JP4	JP64
256KB	Pins 1 & 2 closed	Pins 2 & 3 closed
512KB	Pins 2 & 3 closed	Pins 1 & 2 closed

CACHE TYPE CONFIGURATION	
Type	JP78
Mixed voltage	Pins 2 & 3 closed
3.3v	Pins 1 & 2 closed

CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	JP3	JP15	JP16	JP58	JP79
90MHz	40MHz	2x	Open	Open	Closed	Open	Closed
120MHz	50MHz	2x	Open	Open	Open	Open	Open
150MHz	60MHz	2x	Open	Closed	Closed	Open	Open
166MHz	66MHz	2x	Open	Closed	Open	Open	Open

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	JP3	JP15	JP16	JP58	JP79
60MHz	66MHz	1x	Closed	Closed	Open	Open	Open
75MHz	50MHz	1.5x	Open	Open	Open	Open	Open
90MHz	60MHz	1.5x	Open	Closed	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open	Open

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CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP3	JP15	JP16	JP58	JP79
75MHz	50MHz	1.5x	Open	Open	Open	Open	Open
90MHz	60MHz	1.5x	Open	Closed	Closed	Open	Open
100MHz	66MHz	1.5x	Open	Closed	Open	Open	Open
120MHz	60MHz	2x	Closed	Closed	Closed	Open	Open
125MHz	60MHz	2.5x	Closed	Open	Open	Closed	Open
133MHz	66MHz	2x	Closed	Closed	Open	Open	Open
150MHz	60MHz	2.5x	Closed	Closed	Closed	Closed	Open
150MHz	50MHz	3x	Open	Open	Open	Closed	Open
166MHz	66MHz	2.5x	Closed	Closed	Open	Closed	Open
180MHz	60MHz	3x	Open	Closed	Closed	Closed	Open
200MHz	66MHz	3x	Open	Closed	Open	Closed	Open

CPU VOLTAGE SELECTION			
Voltage	J5	J6	J7
3.3v	Closed	Open	Open
3.45v	Open	Closed	Open
3.6v	Open	Open	Closed

VL BUS WAIT STATE SELECTION					
Voltage Output	Power Supply Path	JP50	JP51	JP56	JP57
On board VRM	3.3v - 3.6v onboard VRM	1 & 2, 3 & 4	Open	Closed	Closed
Add on VRM for P55C	3.3v & 2.5v add on VRM	Open	1 & 2, 3 & 4	Open	Open
Add on VRM for P55C	3.3v onboard VRM. 2.5v add on VRM	Open	Open	Closed	Closed

Note: Pins designated should be in the closed position.

DMA CHANNEL SELECTION		
Channel	JP60	JP61
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed

MOUSE SELECTION	
Type	JP52
6 pin mouse	Pins 1 - 6 closed
10 pin mouse	Pins 2 & 8, 3 & 9, 4 & 10, 5 & 11, 6 & 12 closed

Note: Pins 1 is not shown on the mainboard. Pin labeling may be shown different on board than shown in this table.