

2.1.1 CPU Type, Speed & Voltage Selector: JP1, JP2, JP4, JP8, JP9 & JP7, JP19.

A. CPU Voltage Selector :

(a) For Single Power CPU. (Intel P54C, Cyrix 6x86, IBM 6x86, AMD 5k86)

Step 1: Setting JP7 : 1-2 Close, 3-4 Close, 5-6 Close.

Step 2: Setting JP19 : 1-2 Close --- for 3.5v CPU.

3-4 Close --- for 3.4v CPU.

(b) For Dual Power CPU. (Intel P55C (MMX), Cyrix 6x86L, IBM 6x86L, AMD k6)

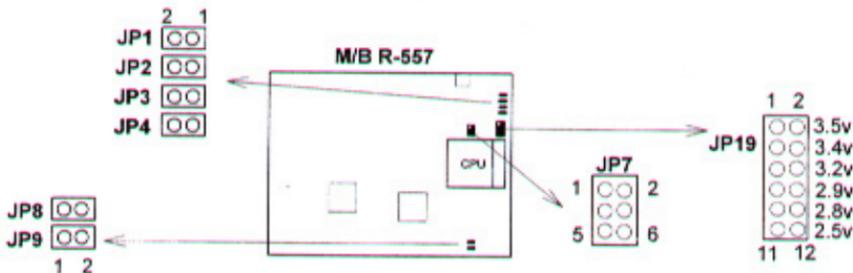
Step 1: Setting JP7 : 1-2 Open, 3-4 Open, 5-6 Open.

Step 2: Setting JP19 : 5-6 Close --- for 3.2v CPU.

7-8 Close --- for 2.9v CPU.

9-10 Close --- for 2.8v CPU.

11-12 Close --- for 2.5v CPU.



B. CPU Speed Selector :

(a) Intel Pentium CPU.

CPU Type	Clock Reference	Frequency Ratio		System Clock			
	JP4	JP1	JP2	MHz	JP8	JP9	
90MHz	Close	3/2	Open	Open	60	Close	Open
100MHz	Open		Open	Open	66	Open	Open
120MHz	Close	2/1	Close	Open	60	Close	Open
133MHz	Open		Close	Open	66	Open	Open
150MHz	Close	5/2	Close	Close	60	Close	Open
166MHz	Open		Close	Close	66	Open	Open
180MHz	Close	3/1	Open	Close	60	Close	Open
200MHz	Open		Open	Close	66	Open	Open

(b) Cyrix 6x86 & 6x86L and IBM 6x86 & 6x86L CPU.

CPU Type	Clock Reference	Frequency Ratio			System Clock		
	JP4	/	JP1	JP2	MHz	JP8	JP9
133MHz	Open	2/1	Close	Open	55	Close	Close
150MHz	Close		Close	Open	60	Close	Open
166MHz	Open		Close	Open	66	Open	Open
200MHz	Open		Close	Open	75	Open	Close

(c) AMD 5k86 CPU.

CPU Type	Clock Reference	Frequency Ratio			System Clock		
	JP4	/	JP1	JP2	MHz	JP8	JP9
P90	Close	3/2	Open	Open	60	Close	Open
P100	Open		Open	Open	66	Open	Open
P166	Open	5/2	Close	Close	66	Open	Open

(d) AMD K6 CPU.

CPU Type	Clock Reference	Frequency Ratio			System Clock		
	JP4	/	JP1	JP2	MHz	JP8	JP9
PR166	Open	5/2	Close	Close	66	Open	Open
PR200	Open	3/1	Open	Close	66	Open	Open
PR233	Open	7/2	Open	Open	66	Open	Open

2.1.2. Installing a CPU in the ZIF Socket

1. Make sure the ZIF socket level is up.

To raise the lever, pull it out to the side a little and raise it as far as it will go. Pin 1 is at the arm corner.



2. Align the CPU and socket pin 1 corners. The pins on the bottom should align with the inner 3 rings of holes in the socket, then place the CPU in the socket. It should insert easily. If it doesn't, pull the level up a little more.

