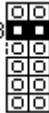


R539 Jumper Setting

R-539 CPU Jumper Setting Quick Reference

CPU type		CPU Power Voltage				System Clock		CPU Speed		Clock			
		I/O	Core	JP6	JP12	MHz	JP2,JP3	Ratio	JP8, JP9	Reference			
Intel	P54C-90	3.4v			60		3/2						
	P54C-120						2/1						
	P54C-150	3.5v					5/2						
	P54C-180						3/1						
	P54C-100	3.4v			66		3/2						
	P54C-133						2/1						
	P54C-166	3.5v					5/2						
	P54C-200						3/1						
	P55C(MMX) -166	3.4v		2.8v						5/2			
	P55C(MMX) -200									3/1			
	P55C(MMX) -233									7/2			
	Cyrix & IBM	6x86 -PR133		3.5v						55		2/1	
6x86 -PR150		60											
6x86 -PR166		66											
6x86 -PR200		* 75											
6x86L -PR166		66											
6x86L -PR200		3.4v	2.8v			* 75							
Cyrix & IBM 6x86 MX (M2)		PR166	3.4v	2.9v			60		5/2				
	PR200							5/2					
	PR233	66						3/1					
	*	* 75						5/2					

	PR266					66		7/2		
	*					* 75		3/1		
	PR266									
AMD 5k86	P90	3.4v				60		3/2		
	P100									
	P166					66		5/2		
AMD K6	PR166	3.4v	2.9v			66		5/2		
	PR200							3/1		
	PR233	3.4v	3.2v					7/2		

“ * “ For reference only.

CPU Speed Configuration : “O”=Open, “S”=Short.

Freq ratio	JP8	JP9	System freq(MHz)	JP7	JP2	JP3
1.5	O	O	55	O	S	S
2	O	S	60	S	S	O
2.5	S	S	66	O	O	O
3	S	O	75**	O	O	S
3.5	O	O				

* CPU Speed = (Frequency ratio) x (System Frequency).

** PCI has a maximum bandwidth of 33MB --- one half of the 66MHz System

Frequency. The 75MHz System Frequency are not supported by the Intel TX

Chipset & current PCI Rev.2.1 Specification.

CPU Voltage Configuration :

a. For Single Power CPU. (Intel 54C, Cyrix 6x86, IBM 6x86, AMD 5k86)

CPU Power Voltage		JP6	JP12
I/O	Core		
3.4V		Short	Pin 3,4 short
3.5V		Short	Pin 1,2 short

b. For Dual Power CPU. (Intel 55C-MMX, Cyrix 6x86L/6x86MX(M2)

IBM 6x86L/6x86MX(M2), AMD K6)

CPU Power Voltage		JP6	JP12
I/O	Core		
3.4V	3.2V	Open	Pin 5,6 short
3.4V	2.9V	Open	Pin 7,8 short

3.4V	2.8V	Open	Pin 9,10 short
3.4V	2.5V	Open	Pin 11,12 short

DIMM Voltage Select : JP1

DIMM Type	JP1 Setting
3.3v DIMM	Pin 3,5 & 4,6 Short
5v DIMM	Pin 1,3 & 2,4 Short

DIMM's Installing Table

a. 3.3V SDRAM

DIMM 1(M1)	DIMM 2(M2)	JP1 Setting
8 MB or 16 MB 32MB or 64 MB	-	Pin 3,5 & 4,6 Short
-	8 MB or 16 MB 32MB or 64 MB	
8 MB or 16 MB 32MB or 64 MB	8 MB or 16 MB 32MB or 64 MB	

b. 3.3V EDO DRAM

DIMM 1(M1)	DIMM 2(M2)	JP1 Setting
8 MB or 16 MB or 32MB or 64 MB	-	Pin 3,5 & 4,6 Short
-	8 MB or 16 MB or 32MB or 64 MB	
8 MB or 16 MB or 32MB or 64 MB	8 MB or 16 MB or 32MB or 64 MB	

5V EDO and FPM SIMM or DIMM Module

DIMM 1(M1)	DIMM 2(M2)	SIM 1 & SIM 2	SIM 3 & SIM 4	JP1 Setting
8 MB or 16 MB 32MB or 64 MB	-	-	-	Pin 1,3 & 2,4 Short
-	8 MB or 16 MB 32MB or 64 MB	-	-	
-	-	4 MB or 8MB 16MB or 32 MB	-	

-	-	-	4 MB or 8MB 16MB or 32 MB
8 MB or 16 MB 32MB or 64 MB	-	-	4 MB or 8MB 16MB or 32 MB
-	8 MB or 16 MB 32MB or 64 MB	4 MB or 8MB 16MB or 32 MB	-
8 MB or 16 MB 32MB or 64 MB	8 MB or 16 MB 32MB or 64 MB	-	-
-	-	4 MB or 8MB 16MB or 32 MB	4 MB or 8MB 16MB or 32 MB

CMOS Clear Jumper : JP18.

Function	JP18
Normal Operation (default)	1-2 Close
Clear CMOS data	2-3 Close

Flash EPROM Selector : JP23, JP24.

Flash ROM Type	JP16	JP17
(a) 2M/5V Flash ROM	1-2	1-2
(b) 1M/5V Flash ROM	1-2	2-3

Power Supply Type (AT/ATX) Select : ATX-PW, ATX-PS-ON

When using the ATX Power Supply on your system, you have to setting

The Jumper : ATX-PW and Connector : ATX-PS-ON

Step 1: Setting ATX-PW

ATX-PW	Power Supply Type
Close	ATX
Open4	AT

Step 2: Connector ATX-PS-ON.

Power Supply Type	Connect to
ATX	A Momentang Switch

AT	Leave the Connector (Open)
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