5XBE5 Quick Settings Guide

This leaflet is meant to help you set the jumpers for your 5XBE motherboard in order for you to boot the motherboard. A manual that describes the possibilities of your board in more detail is included on the CD ROM that came with your 5XBE board.
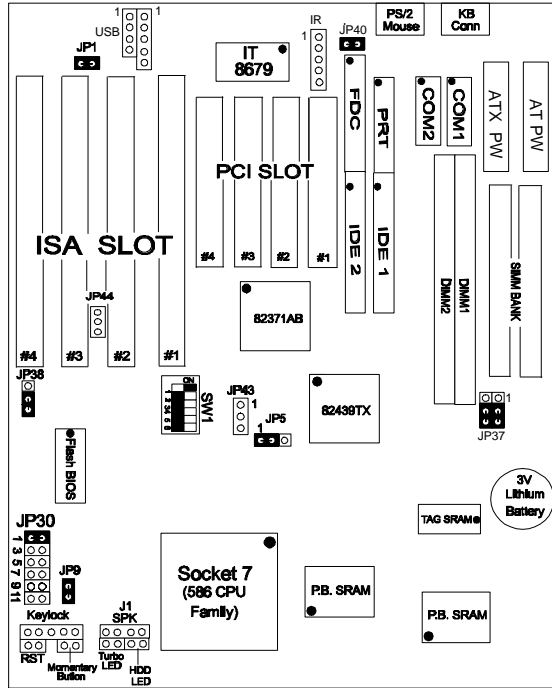
Diagram 1:   Motherboard layout

Table 1:   Jumper settings for CPU voltage and frequency

Voltage Settings: JP30							CPU frequency settings: SW1							
voltage	11-12	9-10	7-8	5-6	3-4	1-2	frequency:	3	4	5	multiplier	1	2	6
single 3.52V	on	off	off	off	off	on	50 Mhz	on	on	on	1.5x	off	off	off
single 3.3V	off	off	off	off	off	on	60 Mhz	on	off	off	2.0x	on	off	off
dual 3.2V	off	off	on	off	off	on	66 Mhz	off	off	off	2.5x	on	on	off
dual 2.9V	off	off	off	on	off	on	75 Mhz*	off	on	off	3.0x	off	on	off
dual 2.8V	off	off	off	off	on	on	*Over-specification setting is not guaranteed.				3.5x	off	off	off
dual 2.7V	on	off	on	on	off	on					4.0x	on	off	on
dual 2.2V	on	off	off	off	off	off					4.5x	on	on	on

Table 2:   Memory configurations

	SIMM BANK	DIMM BANK		Notes: Do not use FPM or EDO memory if you already use SDRAM memory.
		DIMM 1	DIMM 2	
RAM Type	FPM / EDO	FPM / EDO /SDRAM	FPM / EDO /SDRAM	
Size	4/8/16/32/64	8/16/32/64	8/16/32/64	

*DIMM Modules HAVE to be inserted in following way: First DIMM1 then DIMM2.

Table 3:   Additional jumper settings

CMOS clear: JP5		Auto Voltage Detect disable: JP9				CPU cooling fan: JP43			
Retain CMOS data	1-2	Remove this jumper if you use an old type of CPU that can not be identified correctly.				pin	1	2	3
Clear CMOS data	2-3					function	GND	12V	sensor
DIMM voltage: JP37		**Wake On Lan (WOL) Header: JP44**				**Reset: RST**		**HDD Led**	
3.3V DIMM (default)	3-5	pin	1	2	3	connect the reset button to this jumper		connect the HDD led to this jumper	
5V DIMM	1-3	function	GND	12V	sensor				
Power switch: PW2		**Power supply select: JP1**		**Flash rom select: JP38**		**Speaker**		**Keylock**	
connect your power switch to this jumper (momentary type of switch)		open	ATX power	1-2	Intel	connect the speaker to this jumper		connect keylock & power led to this jumper	
		closed	AT power supply (default)	2-3	Mxic, Winbond, Atmel, SST				

Table 4:   Settings for various processors

SETTINGS	CPU Frequency: SW1								CPU voltage: JP 30						
processor	bus clock	multiplier	1	2	3	4	5	6	voltage	11-12	9-10	7-8	5-6	3-4	1-2
AMD K5 PR75	50 Mhz	1.5x	off	off	on	on	on	off							
AMD K5 PR90	60 Mhz	1.5x	off	off	on	off	off	off	The AMD K5 and K6 come in several versions with different voltages. Please verify the correct voltage settings with your dealer before installation.						
AMD K5 PR100	66 Mhz	1.5x	off	off	off	off	off	off							
AMD K5 PR120	60 Mhz	1.5x	off	off	on	off	off	off							
AMD K5 PR133	66 Mhz	1.5x	off	off	off	off	off	off							
AMD K5 PR150	66 Mhz	1.5x	off	off	off	off	off	off							
AMD K5 PR166	66 Mhz	2.5x	on	on	off	off	off	off							
AMD K6 166	66 Mhz	2.5x	on	on	off	off	off	off	dual 2.9V	off	off	off	on	off	on
AMD K6 200	66 Mhz	3x	off	on	off	off	off	off	dual 2.9V	off	off	off	on	off	on
AMD K6 233	66 Mhz	3.5x	off	off	off	off	off	off	dual 2.2V	on	off	off	off	off	off
AMD K6 266	66 Mhz	4.0x	on	off	off	off	off	on	dual 2.2V	on	off	off	off	off	off
AMD K6 300	66 Mhz	4.5x	on	on	off	off	off	on	dual 2.2V	on	off	off	off	off	off
AMD K6-2 266	66 Mhz	4.0x	on	on	off	off	off	on	dual 2.2V	on	off	off	off	off	off
Cyrix 6x86 PR150+	60 Mhz	2.0x	on	off	on	off	off	off	The Cyrix 6x86(L) and MX come in several versions with different voltages. Please ask your dealer for the correct voltage!						
Cyrix 6x86 PR166+	66 Mhz	2.0x	on	off	off	off	off	off							
Cyrix 6x86 PR200+	75 Mhz	2.0x	on	off	off	on	off	off							
Cyrix MX PR166**	60 / 2.5	66 / 2.0	on	on	on	off	off	off	dual 2.9V	off	off	off	on	off	on
Cyrix MX PR200**	66 / 2.5	75 / 2.0	on	on	off	off	off	off	dual 2.9V	off	off	off	on	off	on
Cyrix MX PR233**	75 Mhz	2.5x	on	on	off	on	off	off	dual 2.9V	off	off	off	on	off	on
Cyrix MX PR266**	75 Mhz	3x	off	on	off	on	off	off	dual 2.9V	off	off	off	on	off	on
Cyrix MII 300**	66 Mhz	3.5x	off	off	off	off	off	off	dual 2.9V	off	off	off	on	off	on
P54C P75	50 Mhz	1.5x	off	off	on	on	on	off	The P54C (standard Pentium) comes in several versions with different voltages. Please ask your dealer for the correct voltage.						
P54C P90	60 Mhz	1.5x	off	off	on	off	off	off							
P54C P100	66 Mhz	1.5x	off	off	off	off	off	off							
P54C P120	60 Mhz	2.0x	on	off	on	off	off	off							
P54C P133	66 Mhz	2.0x	on	off	off	off	off	off							
P54C/P55C P150	60 Mhz	2.5x	on	on	on	off	off	off	The P55C (MMX) processors have the same voltage setting:						
P54C/P55C P166	66 Mhz	2.5x	on	on	off	off	off	off							
P54C/P55C P180	60 Mhz	3x	off	on	off	off	off	off							
P54C/P55C P200	66 Mhz	3x	off	on	off	off	off	off							
P55C P233	66 Mhz	3.5x	off	off	off	off	off	off	dual 2.8V	off	off	off	off	off	on

**Set the proper CPU frequency, according to the marking on the CPU. Over-specification is not guaranteed..

*This specification is subject to change without notice.

*All brand names and trademarks are the properties of their respective owners.

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