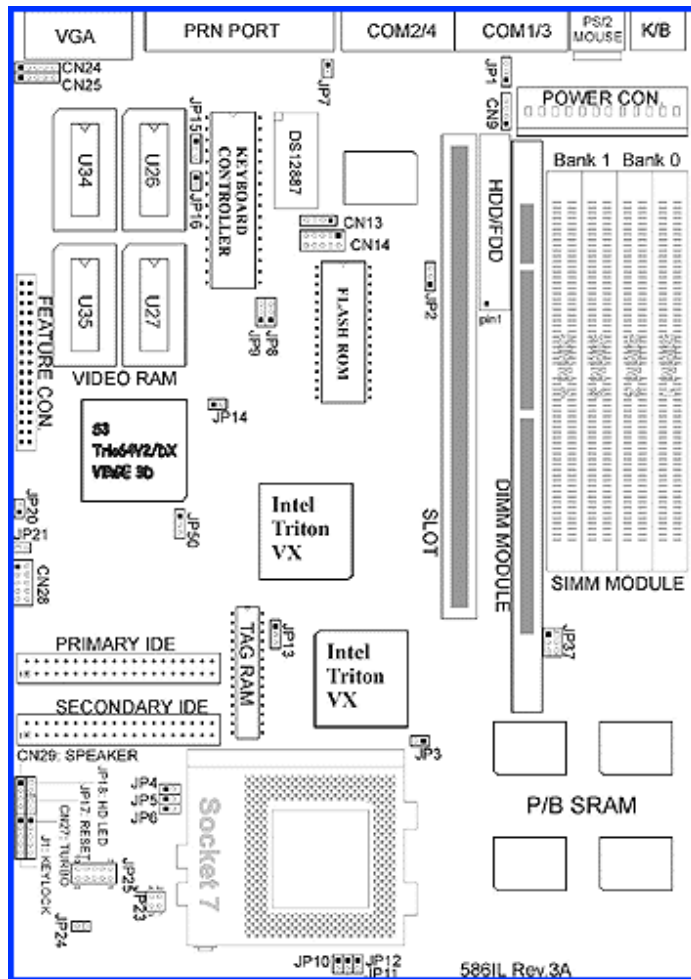




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CPU RELATIVE JUMPER SETTING FOR 586IL REVISION 3A

JUMPERS DEFINE:

Function	Jumpers
CPU Power Type(Single/Dual)	JP23, JP24
CPU Voltage	JP25
CPU Clock Speed	JP4, JP5, JP6
CPU Ratio	JP10, JP11, JP12
Cache Size	JP13
SDRAM(DIMM) Voltage	JP37
Clear CMOS	JP7
ROM BIOS Type; Voltage; Size	JP2, JP8, JP9
ISA BUS Clock	JP14
PS/2 Mouse En/Disabled	JP15
Display Type	JP16
Hardware Reset	JP17
Hardware MPEG	JP21
Power Good	JP1

Power Saving Break Switch

JP20

CONNECTORS DEFINE:

CN1 : PS/2 Keyboard Connector	CN18: IDE1
CN4 : FDD Connector	CN20: VGA Connector
CN5 : PS/2 Mouse Connector	CN21: IDE2
CN6 : PS/2 Mouse Header Connector(586RL only)	CN24: USB1 CN25: USB2
CN8 : COM1 or COM3	CN26: VGA Feature Connector
CN9 : Cooling Fan	CN27: Turbo LED/SW
CN12: COM2 or COM4	CN28: Hardware MPEG
CN13: I.R. Connector	CN29: Speaker
CN14: Feature I.R.	JP18: HDD LED
CN16: Printer Port	J1 : Key Lock

Note: Turbo LED/SW for front panels only**AMD K5 CPU Type/Clock Selector**

SYSTEM CLOCK	CPU TYPE	JP4	JP5	JP6	JP10	JP11	JP12
50MHz x 1.5	PR75	CLOSE	CLOSE	CLOSE	OPEN	OPEN	OPEN
60MHz x 1.5	PR90	CLOSE	CLOSE	OPEN	OPEN	OPEN	OPEN
66MHz x 1.5	PR100	CLOSE	OPEN	CLOSE	OPEN	OPEN	OPEN
60MHz x 1.5	PR120	CLOSE	CLOSE	OPEN	OPEN	OPEN	OPEN
66MHz x 1.5	PR133	CLOSE	OPEN	CLOSE	OPEN	OPEN	OPEN
60MHz x 2.5	PR150	CLOSE	CLOSE	OPEN	CLOSE	CLOSE	OPEN
66MHz x 2.5	PR166	CLOSE	OPEN	CLOSE	CLOSE	CLOSE	OPEN

Intel PENTIUM/MMX, AMD K6 CPU Type/Clock Selector

SYSTEM CLOCK	CPU TYPE	JP4	JP5	JP6	JP10	JP11	JP12
50MHz x 1.5	75MHz	CLOSE	CLOSE	CLOSE	OPEN	OPEN	OPEN
60MHz x 1.5	90MHz	CLOSE	CLOSE	OPEN	OPEN	OPEN	OPEN
66MHz x 1.5	100MHz	CLOSE	OPEN	CLOSE	OPEN	OPEN	OPEN
60MHz x 2.0	120MHz	CLOSE	CLOSE	OPEN	CLOSE	OPEN	OPEN
66MHz x 2.0	133MHz	CLOSE	OPEN	CLOSE	CLOSE	OPEN	OPEN
60MHz x 2.5	150MHz	CLOSE	CLOSE	OPEN	CLOSE	CLOSE	OPEN
66MHz x 2.5	166MHz	CLOSE	OPEN	CLOSE	CLOSE	CLOSE	OPEN
60MHz x 3.0	180MHz	CLOSE	CLOSE	OPEN	OPEN	CLOSE	OPEN
66MHz x 3.0	200MHz	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN
66MHz x 3.5	233MHz	CLOSE	OPEN	CLOSE	OPEN	OPEN	OPEN

66MHz x 4.0	266MHz	CLOSE	OPEN	CLOSE	CLOSE	OPEN	CLOSE
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Cyrilx/IBM 6x86 M1/M2 CPU Type/Clock Selector

SYSTEM CLOCK	CPU TYPE	JP4	JP5	JP6	JP10	JP11	JP12
60MHz x 2.0	6x86-P150	CLOSE	CLOSE	OPEN	CLOSE	OPEN	OPEN
66MHz x 2.0	6x86-P166	CLOSE	OPEN	CLOSE	CLOSE	OPEN	OPEN
75MHz x 2.0	6x86-P200	OPEN	CLOSE	OPEN	CLOSE	OPEN	OPEN
66MHz x 2.0	M2-PR166	CLOSE	OPEN	CLOSE	CLOSE	OPEN	OPEN
60MHz x 2.5	M2-PR166	CLOSE	CLOSE	OPEN	CLOSE	CLOSE	OPEN
75MHz x 2.0	M2-PR200	OPEN	CLOSE	OPEN	CLOSE	OPEN	OPEN
66MHz x 2.5	M2-PR200	CLOSE	OPEN	CLOSE	CLOSE	CLOSE	OPEN
75MHz x 2.5	M2-PR233	OPEN	CLOSE	OPEN	CLOSE	CLOSE	OPEN
66MHz x 3.0	M2-PR233	CLOSE	OPEN	CLOSE	OPEN	CLOSE	OPEN
75MHz x 3.0	M2-PR266	OPEN	CLOSE	OPEN	OPEN	CLOSE	OPEN
66MHz x 3.5	M2-PR266	CLOSE	OPEN	CLOSE	OPEN	OPEN	OPEN

CPU Power Type(Single/Dual) Selector: JP23, JP24

SYSTEM	JP23	JP24	JP24
P54C	1-2/3-4	1-2	OPEN
P55C	1-3/2-4	2-3	CLOSE
SYSTEM	SYSTEM	586RL	586IL

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CPU Voltage Selector: JP25

Please refer to the table at the next page.

SDRAM Voltage Selector: JP37

SDRAM TYPE	JP37
+3.3V SDRAM	3-5, 4-6
+5.0V SDRAM	1-3, 2-4

Please make sure the DIMM voltage while using the DIMM module

Power Good Selection: JP1

1-2	Power Supply
2-3	Internal

ISA BUS Clock: JP14

Clock	Bus Clock/4
OPEN	Bus Clock/3

CMOS Clear: JP7

1-2	Normal
2-3	Clear CMOS

Cache Size Selection: JP13

CLOSE 1-2	256K CACHE RAM
CLOSE 2-3	512K CACHE RAM

This jumper is setting by factory

ROM BIOS Type, Size & Voltage: JP8/JP9/JP2

aaa	JP8(Voltage)	JP9(Type)	JP2(Size)
CLOSE 1-2	5V FLASH or EPROM	EPROM	1Mbits
CLOSE 2-3	12V FLASH ROM	FLASH	2Mbits

Hardware MPEG: JP21

CLOSE	ON
OPEN	OFF

Supplement: System Clock Settings

Normal mode of system clock					
JP4	JP5	JP6	Base Freq.	PCI Clock	
CLOSE	CLOSE	CLOSE	50MHz	25MHz	
CLOSE	CLOSE	OPEN	60MHz	30MHz	
CLOSE	OPNE	CLOSE	66.6MHz	33MHz	
Turbo mode of system clock					
JP4	JP5	JP6	Base Freq.	PCI Clock	
OPEN	OPNE	OPEN	68.4MHz	34.2MHz	
OPEN	CLOSE	OPEN	75MHz	37.5MHz	
OPEN	OPNE	CLOSE	83.3MHz	41.7MHz	
X Times of base frequency					
Base of frequency			X of ratio		
JP10	JP11	JP12	PC54C	P55C	Intel, AMD-233/266
OPEN	OPEN	OPEN	1.5x	3.5x	3.5x
CLOSE	CLOSE	OPEN	2.5x	2.5x	2.5x
CLOSE	OPEN	OPEN	2.0x	2.0x	2.0x
OPEN	CLOSE	OPEN	3.0x	3.0x	3.0x
CLOSE	CLOSE	CLOSE	N/A	N/A	4.5x
OPEN	CLOSE	CLOSE	N/A	N/A	5.0x
CLOSE	OPEN	CLOSE	N/A	N/A	4.0x
OPEN	OPNE	CLOSE	N/A	N/A	5.5x

Note1: P54C for single power - Intel without MMX, AMD-K5, Cyrix/IBM PRxxx CPU

Note2: P55C for dual power - Intel MMX, AMD-K6, Cyrix/IBM L-Pxxx or MX class CPU

You are able to use the "Turbo Mode" if "ICS" or "Phaselink" clock generator is used on your mainboard but it is depends on your CPU can work or not. If "Turbo Mode" is used but mainboard doesn't work, please set it back to the "Normal".

CPU Voltage Selector: JP25

Voltage	9-10	7-8	5-6	3-4	1-2
1.6V	OPEN	OPEN	OPEN	OPEN	CLOSE
1.7V	OPEN	OPEN	OPEN	CLOSE	OPEN
1.8V	OPEN	OPEN	OPEN	CLOSE	CLOSE
1.9V	OPEN	OPEN	CLOSE	OPEN	OPEN
2.0V	CLOSE	OPEN	OPEN	OPEN	OPEN
2.1V	CLOSE	OPEN	OPEN	OPEN	CLOSE
2.2V	CLOSE	OPEN	OPEN	CLOSE	OPEN
2.3V	CLOSE	OPEN	OPEN	CLOSE	CLOSE
2.4V	CLOSE	OPEN	CLOSE	OPEN	OPEN
2.5V	CLOSE	OPEN	CLOSE	OPEN	CLOSE
2.6V	CLOSE	OPEN	CLOSE	CLOSE	OPEN

2.7V	CLOSE	OPEN	CLOSE	CLOSE	CLOSE
2.8V	CLOSE	CLOSE	OPEN	OPEN	OPEN
2.9V	CLOSE	CLOSE	OPEN	OPEN	CLOSE
3.0V	CLOSE	CLOSE	OPEN	CLOSE	OPEN
3.1V	CLOSE	CLOSE	OPEN	CLOSE	CLOSE
3.2V	CLOSE	CLOSE	CLOSE	OPEN	OPEN
3.3V	CLOSE	CLOSE	CLOSE	OPEN	CLOSE
3.4V	CLOSE	CLOSE	CLOSE	CLOSE	OPEN
3.5V	CLOSE	CLOSE	CLOSE	CLOSE	CLOSE

JP25 setting should be work together with JP23/JP24