

82430VX PCI BUS MOTHER BOARD

JUMPER SETTING (*DEFAULT)

CLOCK SELECT

Clock frequency	50MHz	55MHz	60MHz	66MHz *
JP12	ON	OFF	OFF	ON
JP13	ON	OFF	ON	OFF
CPU TYPE P or Pentium M1 for Cyrix 6x86 K5 for AMD K586	Pentium 75 AMD K5 M1 100	M1 110	Pentium 90 Pentium 120 Pentium 150 Pentium 180 Pentium 180 M1 120 AMD K5 90	Pentium 100 Pentium 133 Pentium 166 Pentium 200 Pentium 133 M1 133

If you want to use Pentium 120 to 200MHz.

Please reference Bus to Frequency setting.

BUS FREQUENCY

CPU-TO-BUS CLOCK / SPEED	X 1.5	X2 *	X2.5	X3
JP19	OFF	ON	ON	OFF
JP20	OFF	OFF	ON	ON
CPU TYPE P for Pentium M1 for Cyrix 6X86 K5 for AMD K586	P 75MHz P 90MHz P 100MHz K5 75MHz K5 90MHz	P 120MHz P 133MHz M1 100MHz M1 110MHz M1 120MHz M1 133MHz	P 150 MHz P 166 MHz	P 180MHz P 200MHz

VR / VRE VOLTAGE SPEC.

CPU Voltage	3.3V *	3.45V	3.52V	3.6V
J26	1-2 3-4	1-2	3-4	ALL OFF

Note: Standard spec is 3.135-3.465V

VR spec is 3.300-3.465V

VRE. Spec is 3.450-3.600V

BIOS OPTION

TYPE	EPROM	5V FLASH ROM *	12VFLASH ROM
J14	1-2	1-2	2-3
J15	1-2	2-3	2-3

IR CONNECTOR PIN OUT ASSIGNMENT

J6 IR PIN OUT							
1	RX	2	GND	3	TX	4	+5V

ON BOARD & MODULE CACHE MEMORY SIZE

L2 cache size	256K		512K		
	On board 256K And Module 0KB	On board 0K And Module 256KB	On board 512K And Module 0KB	On board 0K And Module 512KB	On board 256K And Module 256KB
JP7	1-2	1-2	2-3	2-3	2-3
JP9	2-3	2-3	2-3	2-3	1-2
JP17	2-3	2-3	2-3	2-3	2-3
JP18	1-2	1-2	1-2	1-2	2-3
TAG size	8K * 8 16K*8 32K*8		16K*8		

IR / COM2 SELECT

IR & COM2 FUNCTION CHANGE	COM2 *	IR
JP1	1-2	2-3
JP2	1-2	2-3

CORE VOLTAGE SELECT

CORE VOLAGE	2.5V	2.7V	2.8V	2.9V
J13	1-2,3-4	1-2	2-3	ALL OFF

BY INTEL P55C SPEC.

OTHER JUMPER SETTING

JUMPER	SETTING	FUNCTION
KEYLOCK		Key lock switch & power LED
SPEAKER		Speaker connector
TB SW		Turbo switch (no Function)
TB LED		Turbo LED
RESET		Reset Switch
SMI		Breaker switch
HD LED		Hard disk detect LED
J1		External PS/2 Mouse connector
JP16		Clear CMOS RAM data
JP8	1-3 , 2-4	DIMM module Voltage by 5V
	3-5 , 4-6	DIMM module Voltage by 3V

INTEL PENTIUM

Pentium	Printing	Core MHz	BUS MHz	Multiplier	JP12	JP13	JP19	JP20
	75	75	50	1.5	ON	ON	OFF	OFF
	90	90	60	1.5	OFF	ON	OFF	OFF
	100	100	66	1.5	ON	OFF	OFF	OFF
	120	120	60	2	OFF	ON	ON	OFF
	133	133	66	2	ON	OFF	ON	OFF
	150	150	60	2.5	OFF	ON	ON	ON
	160	160	66	2.5	ON	OFF	ON	ON
	180	180	60	3	OFF	ON	OFF	ON
	200	200	66	3	ON	OFF	OFF	ON

AMD

K5	Printing	Core MHz	BUS MHz	Multiplier	JP12	JP13	JP19	JP20
	75	75	50	1.5	ON	ON	OFF	OFF
	90	90	60	1.5	OFF	ON	OFF	OFF
	100	100	66	1.5	ON	OFF	OFF	OFF
	120	90	60	1.5	OFF	ON	OFF	OFF
	133	100	66	1.5	ON	OFF	OFF	OFF
	150	120	60	1.5	OFF	ON	ON	OFF
	166	133	66	1.5	ON	OFF	ON	OFF

CYRIX

CYRIX	Printing	Core MHz	BUS MHz	Multiplier	JP12	JP13	JP19	JP20
6X86	P120+	100	50	2	ON	ON	ON	OFF
	P133+	110	55	2	OFF	OFF	ON	OFF
	P150+	120	60	2	OFF	ON	ON	OFF
	P166+	133	66	2	ON	OFF	ON	OFF

IF YOU WANT TO USE CYRIX 6X86L P120+-P133+/P150+/P166+

VI/O: 3.3V , Vcore :2.8V

Please reference item 9. Vcore setting by 2.8V