

Appendix C

Jumper Table Summary

Selecting the CPU Frequency

With the help of Pentium II VID signal and SMBus, this motherboard is jumperless design.

The CPU frequency selection is set by going into:

BOIS Setup à Chipset Features Setup à CPU Clock Frequency

(The possible setting is 66.8, 68.5, 75, 83.3, 100, 103, 112, 117, 124, 129, 133.3, 138, 143, 148 and 153 MHz)

BOIS Setup à Chipset Features Setup à CPU Clock Ratio

(The possible setting is 1.5x, 2x, 2.5x, 3x, 3.5x, 4x, 4.5x, 5x, 5.5x, 6x, 6.5x, 7x, 7.5x, and 8x)

INTEL Pentium II	CPU Core Frequency	Ratio	External Bus Clock
Pentium II - 233	233MHz =	3.5x	66MHz
Pentium II - 266	266MHz =	4x	66MHz
Pentium II - 300	300MHz =	4.5x	66MHz
Pentium II - 333	333MHz =	5x	66MHz
Pentium II - 350	350MHz =	3.5x	100MHz
Pentium II - 400	400MHz =	4x	100MHz
Pentium II - 450	450MHz =	4.5x	100MHz



Warning: INTEL 440BX chipset supports maximum 100MHz external CPU bus clock, the higher clock settings are for internal test only. **These settings exceed the specification of BX chipset, which may cause serious system damage.**

Jumper Table Summary

Selecting the CPU Voltage

This motherboard supports Pentium II (Klamath) VID function, the CPU core voltage is automatically detected, the range is from 1.3V to 3.5V.

Clear CMOS

<u>JP14</u>	<u>Clear CMOS</u>
1-2	Normal operation (default)
2-3	Clear CMOS



Tip: If your system hangs or fails to boot because of over-clocking, simply use <Home> key to restore to the default setting (233MHz). By this smart design, it would be more convenient to clear CPU frequency setting. For using this function, you just need to press <Home> key first and then press Power button at the same time. Note that do not release <Home> key until POST screen appearing.

AGP Ratio

<u>JP23</u>	<u>AGP Ratio</u>
1-2	Auto (default)
3-4	2/3
5-6	1/1

APAR

<u>JP25</u>	<u>APAR</u>
1-2	Disabled
2-3	Enabled (AC Power Auto Recovery)