HP Customer Care
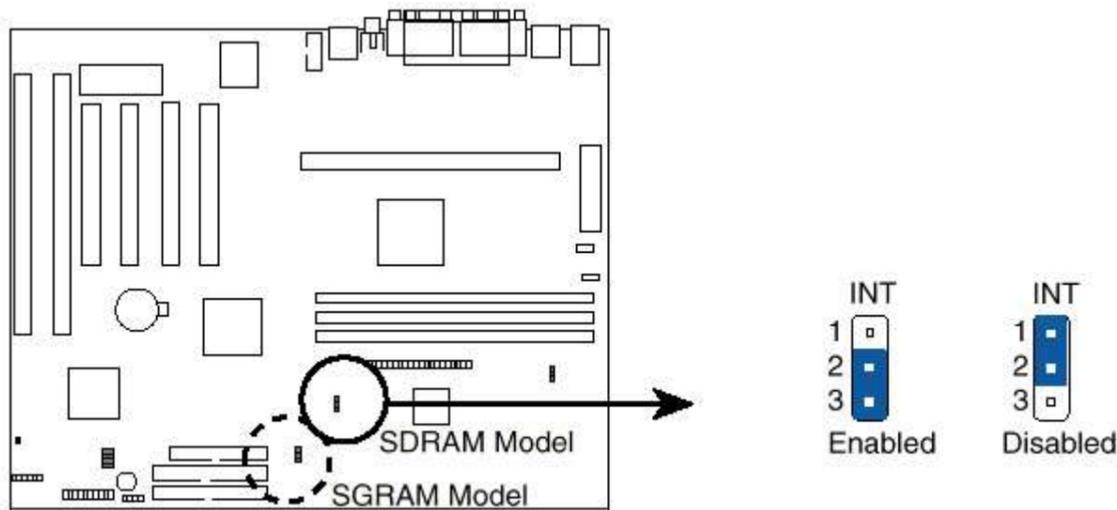
HP Pavilion 6370Z, 6353, and 8300 Series PCs - Motherboard Jumper Settings

JUMPER SETTINGS FOR THE HP PAVILION 6370Z, 6353, AND 8300 SERIES PCS

This motherboard has three jumper blocks; refer to the information that follows:

1. VGA Interrupt Selection (INT): These jumpers allow you to set the VGA interrupt method. The default is to *Disable* the chipset's internal interrupt routing. If you are using a video capture card or other similar device, it may require that you set this jumper to *Enable* to allow the interrupt to be assigned by the onboard chipset.

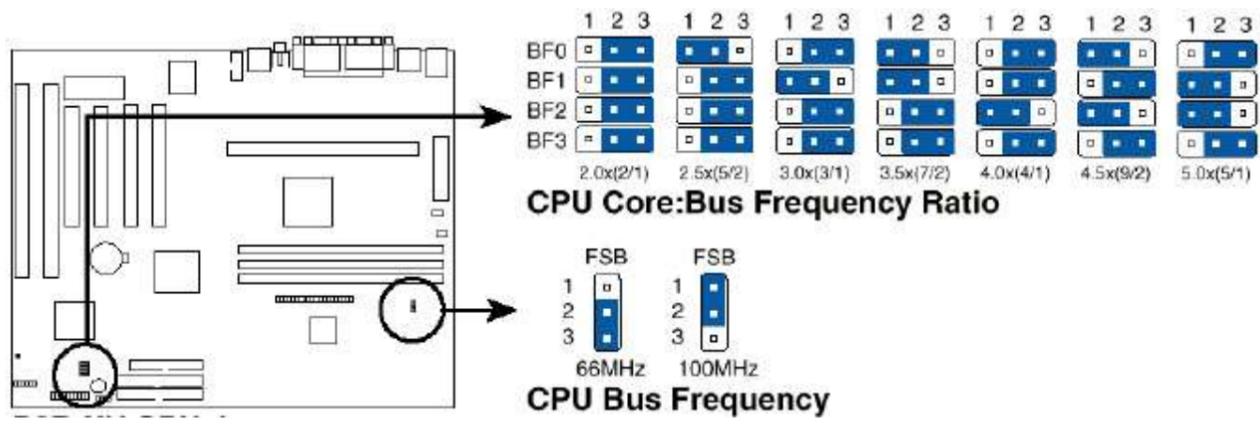| INT	Setting
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Disable (default)	1-2
Enable	2-3

2. This option tells the clock generator what frequency to send to the CPU, DRAM, and 440BX AGPset. This allows the selection of the CPU's *External* Frequency (or *BUS Clock*). The BUS Clock multiplied by the BUS Ratio equals the CPU's *Internal* frequency (the advertised CPU speed).

FSB	Setting
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100 MHz	1-2

3. CPU Core: BUS Frequency Multiple (BF0, BF1, BF2, BF3): This option sets the frequency ratio between the *Internal* frequency of the CPU and the CPU's *External* frequency. These must be set in conjunction with the *CPU Bus Frequency*.

CPU Model	Frequency	Ratio	B Freq.	FSB	BF0	BF1	BF2	BF3
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Pentium (R) II	450 MHz	4.5 x	100 MHz	1-2	1-2	2-3	1-2	2-3
Pentium (R) II	400 MHz	4.0 x	100 MHz	1-2	2-3	1-2	1-2	2-3
Pentium (R) II	350 MHz	3.5 x	100 MHz	1-2	1-2	1-2	2-3	2-3
Pentium (R) II	300 MHz	3.0 x	100 MHz	1-2	2-3	1-2	2-3	2-3

CPU Core:Bus Frequency Ratio

	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
BF0							
BF1							
BF2							
BF3							
	2.0x(2/1)	2.5x(5/2)	3.0x(3/1)	3.5x(7/2)	4.0x(4/1)	4.5x(9/2)	5.0x(5/1)

CPU Bus Frequency

FSB 66MHz, FSB 100MHz

WARNING: Frequencies above 100 MHz exceed the specifications for the on-board Intel Chipset and are not guaranteed to be stable.

Pentium (R) is a U.S. registered trademark of
Intel Corporation.