

Appendix 2: CPU Settings Table

The table below shows the parameters for a range of socket-7 CPUs

Intel Pentium CPUs (including MMX)

<i>Internal Clock MHz</i>	<i>External Clock MHz</i>	<i>Clock Multiplier</i>
100	66	X 1.5
133	66	X 2.0
166	66	X 2.5
200	66	X 3.0
233	66	X 3.5

Cyrix/IBM CPUs 6X86 & 6X86L Series

<i>Internal Clock MHz</i>	<i>External Clock MHz</i>	<i>Clock Multiplier</i>
P166+ (133)	66	X 2.0
P200+ (150)	75	X 2.0

Cyrix/IBM CPUs MII/6X86MX Series

<i>Internal Clock MHz</i>	<i>External Clock MHz</i>	<i>Clock Multiplier</i>
PR166 (133)	66	X 2.0
PR200 (166)	66	X 2.5
PR233 (200)	66	X 3.0
PR200 (150)	75	X 2.0
PR233 (188)	75	X 2.5
PR300 (225)	75	X 3.0
PR233 (166)	83	X 2.0
PR266 (108)	83	X 2.5
PR333 (250)	83	X 3.0

AMD K5 Series

<i>Internal Clock MHz</i>	<i>External Clock MHz</i>	<i>Clock Multiplier</i>
PR100 (100)	66	X 1.5
PR133 (133)	66	X 2.0
PR166 (166)	66	X 2.5

AMD K6 Series

<i>Internal Clock MHz</i>	<i>External Clock MHz</i>	<i>Clock Multiplier</i>
PR166 (166)	66	X 2.5
PR200 (200)	66	X 3.0
PR233 (233)	66	X 3.5
PR266 (266)	66	X 4.0
PR300 (300)	66	X 4.5

AMD K6/2 Series

<i>Internal Clock MHz</i>	<i>External Clock MHz</i>	<i>Clock Multiplier</i>
PR333 (333)	95	3.5
PR300 (300)	100	3.0
PR350 (350)	100	3.5

Notes on the Table

- ❑ The internal clock speed of the CPU is supposed to be fixed, so always treat the other two factors, the external clock and the clock multiplier as the variable items which have to be changed to produce the desired internal clock. The CPU manufacturer or vendor should provide information on the settings of these items.
- ❑ Cyrix, IBM, and AMD all make Pentium-class CPUs. Sometimes, when they name a CPU, they do not use the actual internal clock speed. Instead, they name the CPU according to its performance, using standard Pentium CPUs as a benchmark. Therefore the Cyrix P166 is rated as 166 MHz performance, but its actual internal clock is 133 MHz. For all non-Intel CPUs in the table, the name of the CPU is followed by a figure in brackets. The figure in brackets is the true internal clock speed of the CPU, and it is not always the same as the figure in the name of the CPU. Always use the figure in brackets when calculating the CPU settings.
- ❑ The CPU settings table will be revised at every opportunity. If you have a new CPU which does not appear on the table, check with the manufacturer or vendor for the CPU settings information.