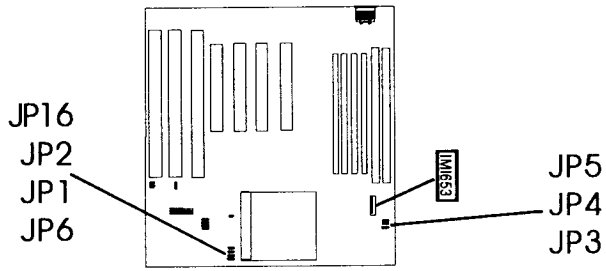
Jumper Settings

This chapter explains how to configure the motherboard's hardware. Before using your computer, make sure all jumpers and DRAM modules are set correctly. Refer to this chapter whenever in doubt.

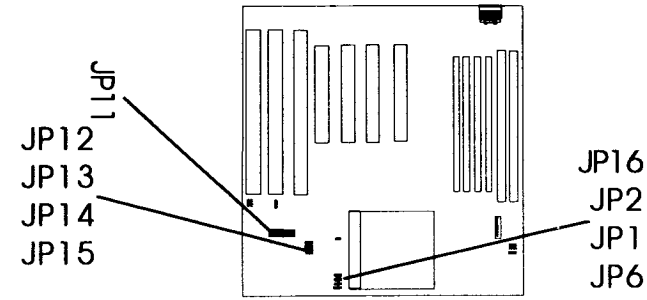
JP1, JP2, JP3, JP4,JP5 - CPU Type Selection

You can locate two headers JP4 and JP5 of the same color for Clock Generator . JP3 is preinstalled in factory (different colour).



CPU Type & Speed	Bus Clock	JP1	JP2	JP3	JP4	JP5
Intel Pentium-90	60MHz	1-2	1-2	1-2	1-2	2-3
Intel Pentium-100	66MHz	1-2	1-2	1-2	1-2	1-2
Intel Pentium-120	60MHz	1-2	2-3	1-2	1-2	2-3
Intel Pentium-133	66MHz	1-2	2-3	1-2	1-2	1-2
Intel Pentium-150	60MHz	2-3	2-3	1-2	1-2	2-3
Intel Pentium-166	66MHz	2-3	2-3	1-2	1-2	1-2
Intel Pentium-180	60MHz	2-3	1-2	1-2	1-2	2-3
Intel Pentium-200	66MHz	2-3	1-2	1-2	1-2	1-2
Intel Pentium-233	66MHz	1-2	1-2	1-2	1-2	1-2
Cyrix 6x86-P150+	60MHz	1-2	2-3	1-2	1-2	2-3
Cyrix 6x86-P166+	66MHz	1-2	2-3	1-2	1-2	1-2
AMD-K5-PR90	60MHz	1-2	1-2	1-2	1-2	2-3
AMD-K5-PR100	66MHz	1-2	1-2	1-2	1-2	1-2
AMD-K5-PR120	60MHz	1-2	1-2	1-2	1-2	2-3
AMD-K5-PR133	66MHz	1-2	1-2	1-2	1-2	1-2
AMD-K5-PR166	66MHz	2-3	2-3	1-2	1-2	1-2
AMD-K5-PR200	66MHz	2-3	1-2	1-2	1-2	1-2
AMD-K6-PR2-166	66MHz	2-3	2-3	1-2	1-2	1-2
AMD-K6-PR2-200	66MHz	2-3	1-2	1-2	1-2	1-2
AMD-K6-PR2-233	66MHz	1-2	1-2	1-2	1-2	1-2

JP6 is reserved for <u>future</u> AMD K6 processors. Simply leave JP6 OPEN for all <u>existing</u> Intel, Cyrix, AMD K5 and AMD K6 processors. JP3 is reserved and set to 1-2. This motherboard is compatible with Cyrix 6x86 CPU but must be Revision 2.7 and newer. Please contact your CPU supplier for details on identification of Cyrix 6x86 CPU revisions.



JP11, JP12, JP13, JP14, JP15, JP16 - Power Selection for the CPU Bus Section, Bus Voltage & CPU Core-Voltage Select

CoreVoltage JP11	BUS Section JP12, JP13, JP14, JP15	BUSVoltage JP16	CPU Examples
1-2 *(1.8V)* (Reserved)	1-2	2-3 *(3.3V)*	**IBM®,Cyrix® 6x86MX**
3-4 *(2.1V)* (Reserved)	1-2	2-3 *(3.3V)*	**AMD® K6** (266Mhz or above)
5-6 *(2.5V)*	1-2	2-3 *(3.3V)*	**AMD K5** ("K" marking)
7-8 *(2.7V)*	1-2	2-3 *(3.3V)*	**AMD K5** ("J" marking)
9-10 *(2.8V)*	1-2	1-2* *(3.5V)*	**Intel® Pentium Processors with MMX Technology**
9-10 *(2.8V)*	1-2	2-3 *(3.3V)*	**Cyrix 6x86l** (Core 2.8V I/O 3.3V)
11-12 *(2.9V)*	1-2	2-3 *(3.3V)*	**AMD K5** ("H" marking)
11-12 *(2.9V)*	1-2	1-2* *(3.5V)*	**AMD K6 PR2-166**
11-12 *(2.9V)*	1-2	1-2* *(3.5V)*	**AMD K6 PR2-200**
13-14 *(3.2V)*	1-2	1-2* *(3.5V)*	**AMD K6 PR2-233**
15-16 *(3.3V)*	2-3*	1-2* *(3.5V)*	**AMD K5** ("B","C"or"F" marking)
17-18* *(3.5V)*	2-3*	1-2* *(3.5V)*	**Intel P54C**
17-18* *(3.5V)*	2-3*	1-2* *(3.5V)*	**Cyrix 6x86**

Remark: Example of AMD marking : "AMD-K5-PR100A<u>B</u>Q"

In the above tables, the AMD marking refers to the 2nd character - (B in the example) after P-rating (PR100 in the example).

Note: Cyrix 6x86 is a single-voltage CPU while Cyrix 6x86L is a dual-voltage version.