

Appendix A

Jumper Table Summary

Setting the CPU Voltage

<u>JP7</u>	<u>CPU Core Voltage (Vcore)</u>
1-2	3.45V (default for P54C)
3-4	3.52V (Cyrix or AMD)
5-6	2.9V (AMD K6)
7-8	2.8V (PP/MT P55C)
9-10	2.7V
11-12	2.5V

<u>JP8</u>	<u>I/O Voltage (Vio)</u>
1-2	3.45V (default)
3-4	3.52V

<u>JP9</u>	<u>JP10</u>	<u>JP11</u>	<u>CPU Type (Vcpuio)</u>
Close	Open	Close	Single Voltage CPU, Vcpuio = Vcore, (default).
Open	Close	Open	Dual Voltage CPU, Vcpuio = Vio, (PP/MT P55C).

CPU Type	Vcore	Vio	Vcpuio	JP7	JP8	JP9	JP10	JP11
INTEL P54C	3.45V	3.45V	Vcore	1-2	1-2	Closed	Open	Closed
INTEL PP/MT	2.8V	3.45V	Vio	7-8	1-2	Open	Closed	Open
AMD K5 (Single voltage)	3.52V	3.45V	Vcore	3-4	1-2	Closed	Open	Closed
AMD K6	2.9V	3.45V	Vio	5-6	1-2	Open	Closed	Open
Cyrix 6x86	3.52V	3.45V	Vcore	3-4	1-2	Closed	Open	Closed
Cyrix 6x86L	2.8V	3.45V	Vio	7-8	1-2	Open	Closed	Open

Jumper Table Summary

Selecting the CPU Frequency

<u>JP1</u>	<u>JP2</u>	<u>CPU Frequency Ratio</u>	<u>JP3</u>	<u>JP4</u>	<u>JP13</u>	<u>CPU External Clock</u>
1-2	1-2	1.5x (3.5x)	2-3	2-3	1-2 5-6	50MHz
2-3	1-2	2x	1-2	2-3	1-2 3-4	60MHz
2-3	2-3	2.5x (1.75x)	2-3	1-2	3-4	66MHz
1-2	2-3	3x				



Note: The feature CPU Intel PP/MT 233MHz is using 1.5x jumper setting for 3.5x frequency ratio, and AMD PR166 is using 2.5x setting for 1.75x frequency ratio.

Note: The future CPUs have not been tested by AOpen Quality Test Department. It is possible that this mainboard can not support these future CPUs.

Intel Pentium	CPU Core Frequency	Ratio	External Bus Clock	JP1 & JP2	JP3 & JP4	JP13
P54C 75	75MHz =	1.5X	50MHz	1-2 & 1-2	2-3 & 2-3	1-2 & 5-6
P54C 90	90MHz =	1.5x	60MHz	1-2 & 1-2	1-2 & 2-3	1-2 & 3-4
P54C 100	100MHz =	1.5x	66MHz	1-2 & 1-2	2-3 & 1-2	3-4
P54C 120	120MHz =	2x	60MHz	2-3 & 1-2	1-2 & 2-3	1-2 & 3-4
P54C 133	133MHz =	2x	66MHz	2-3 & 1-2	2-3 & 1-2	3-4
P54C 150	150MHz =	2.5x	60MHz	2-3 & 2-3	1-2 & 2-3	1-2 & 3-4
P54C 166	166MHz =	2.5x	66MHz	2-3 & 2-3	2-3 & 1-2	3-4
P54C 200	200MHz =	3x	66MHz	1-2 & 2-3	2-3 & 1-2	3-4

Intel Pentium	CPU Core Frequency	Ratio	External Bus Clock	JP1 & JP2	JP3 & JP4	JP13
PP/MT 150	150MHz =	2.5x	60MHz	2-3 & 2-3	1-2 & 2-3	1-2 & 3-4
PP/MT 166	166MHz =	2.5x	66MHz	2-3 & 2-3	2-3 & 1-2	3-4
PP/MT 200	200MHz =	3x	66MHz	1-2 & 2-3	2-3 & 1-2	3-4
PP/MT 233	200MHz =	3.5x	66MHz	1-2 & 1-2	2-3 & 1-2	3-4

Jumper Table Summary

Cyrix 6x86	CPU Core Frequency	Ratio	External Bus Clock	JP1 & JP2	JP3 & JP4	JP13
P120+	100MHz	2x	50MHz	1-2 & 1-2	2-3 & 2-3	1-2 & 5-6
P150+	120MHz =	2x	60MHz	2-3 & 1-2	1-2 & 2-3	1-2 & 3-4
P166+	133MHz =	2x	66MHz	2-3 & 1-2	2-3 & 1-2	3-4

AMD K5	CPU Core Frequency	Ratio	External Bus Clock	JP1 & JP2	JP3 & JP4	JP13
PR90	90MHz =	1.5x	60MHz	1-2 & 1-2	1-2 & 2-3	1-2 & 3-4
PR100	100MHz =	1.5x	66MHz	1-2 & 1-2	2-3 & 1-2	3-4
PR120	90MHz =	1.5x	60MHz	1-2 & 1-2	1-2 & 2-3	1-2 & 3-4
PR133	100MHz =	1.5x	66MHz	1-2 & 1-2	2-3 & 1-2	3-4
PR166	116MHz =	1.75x	66MHz	2-3 & 2-3	2-3 & 1-2	3-4

AMD K6	CPU Core Frequency	Ratio	External Bus Clock	JP1 & JP2	JP3 & JP4	JP13
PR166	166MHz =	2.5x	66MHz	2-3 & 2-3	2-3 & 1-2	3-4
PR200	200MHz =	3x	66MHz	1-2 & 2-3	2-3 & 1-2	3-4

Jumper Table Summary

Disabling the Onboard Super I/O

<u>JP18</u>	<u>Onboard Super I/O</u>
1-2	Enable (default)
2-3	Disable

Disabling the PS/2 Mouse

<u>JP20</u>	<u>PS/2 Mouse</u>
1-2	Enable (default)
2-3	Disable

Clear CMOS

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

Selecting the CPU Burst Mode

<u>JP22</u>	<u>CPU Burst Mode</u>
1-2	Linear (Cyrix)
2-3	Toggle (Intel/AMD)