

6EX

USER'S MANUAL

1. **System power on by PS/2 Mouse:** If you are using ATX power supply, you are able to power on the system by double clicking any button of your PS/2 Mouse.
2. **System power on by Keyboard:** If your ATX power supply supports 720 mA 5V Stand-By function, you can choose to power on your system by entering password and then pressing the ENTER key from your keyboard.
3. **Support 3 steps ACPI LED.**

Pentium® II Processor MAINBOARD

R-01-02-080430

REV. 1 Second Edition

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I. Quick Installation Guide :

CPU SPEED SETUP

The default system bus speed is 66.6MHz. The user can select the system bus speed (JP2, JP3, JP4) and change the DIP SWITCH (SW) selection to set up the CPU speed for 200 - 633MHz processor.

⚠ The CPU speed must match with the frequency RATIO. It will cause system hanging up if the frequency RATIO is higher than CPU's.

FREQ. RATIO	DIP SWITCH (SW)			
	SW1	SW2	SW3	SW4
X 3	ON	OFF	ON	ON
X 3.5	OFF	OFF	ON	ON
X 4	ON	ON	OFF	ON
X 4.5	OFF	ON	OFF	ON
X 5	ON	OFF	OFF	ON
X 5.5	OFF	OFF	OFF	ON

⚠ JP2, JP3, JP4 (Select the system speed; 66.6 MHz)

MAIN CLOCK	JP2	JP3	JP4
66MHz	1-2	1-2	1-2

1. Pentium® II 233 / 66MHz FSB

2. Pentium® II 266 / 66MHz FSB

3. Pentium® II 300 / 66MHz FSB

4. Pentium® II 333 / 66MHz FSB

5. Pentium® II 366 / 66MHz FSB

II. Jumper setting :

SPK : Speaker Connector

RST : Reset Switch

PWR : Power LED

HD : IDE Hard Disk Active LED

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IR : Infrared Connector (Optional)

GN : Green Function Switch

GD : Green LED

Soft PWR : Soft Power Connector

POWER : ATX Power Connector

FAN PWR : CPU Cooling Fan Power Connector

J2: Keyboard Connector & PS/2 Mouse

USB Port

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LPT PORT / COM A / COM B

IDE1: Primary IDE port

IDE2: Secondary IDE port

LOPPY : FLOPPY PORT

F

JP1 : Keyboard Power On

J13: System After Ac Back

III. Top Performance Test Setting:

The following performance data list is the testing results of some popular benchmark testing programs. Users have to modify the value for each item in chipset features as follow for top performance setting.

** Each value of items as above depends on your hardware configuration : CPU , SDRAM , Cards , etc.
Please modify each value of items If your system does not work properly .

These data are just referred by users, and there is no responsibility for different testing data values gotten by users. (The different Hardware & Software configuration will result in different benchmark testing results.)

- CPU Pentium® II processor
- DRAM (128 x 1) MB SDRAM (NEC D4564841G5-A10-9JF)
- CACHE SIZE 512 KB included in CPU
- DISPLAY GA-600 AGP Display Card (4MB SGRAM)
- STORAGE Onboard IDE (IBM DHEA-38451)
- O.S. Windows NT™ 4.0
- DRIVER Display Driver at 1024 x 768 x 256colors x 75Hz.
TRIONES Bus Master IDE Driver 3.70

Processor	Intel Pentium® II	
	266MHz(66x4)	333MHz(66x5)
Winbench98		
CPU mark32	721	839
FPU Winmark	1380	1710
Business Disk	1870	1880
Hi-End Disk	4450	4570
Business Graphics	159	181
Hi-End Graphics	175	200
Winstone98		
Business	29.7	32.5
Hi-End	33.0	36.3