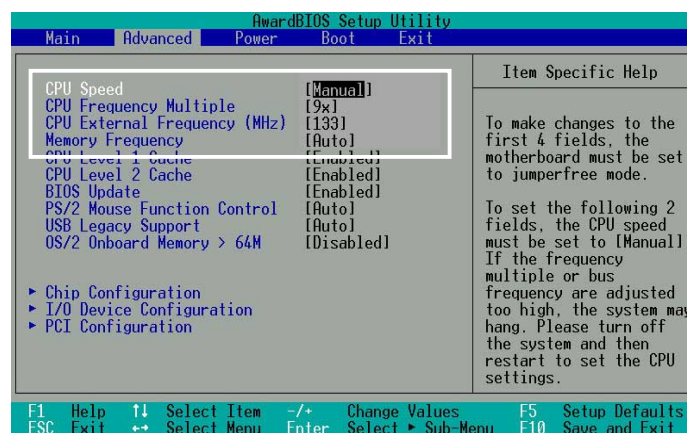# P4BGL-MX Technical Updates

- This motherboard supports overclocking to 533MHz FSB. To adjust **CPU Speed** and **Memory Frequency**, enter the BIOS Setup Utility and select the **Advanced Menu**. This feature is not an Intel® chipset specification and does not support Intel® HyperThreading Technology.

2.4 Advanced Menu (page 2-14)

```
                    AwardBIOS Setup Utility
   Main    Advanced    Power    Boot    Exit

                                          Item Specific Help
 CPU Speed                  [Manual]
 CPU Frequency Multiple     [9x]          To make changes to the
 CPU External Frequency (MHz) [133]       first 4 fields, the
 Memory Frequency           [Auto]        motherboard must be set
 CPU Level 1 Cache          [Enabled]     to jumperfree mode.
 CPU Level 2 Cache          [Enabled]
 BIOS Update                [Enabled]     To set the following 2
 PS/2 Mouse Function Control [Auto]       fields, the CPU speed
 USB Legacy Support         [Auto]        must be set to [Manual].
 OS/2 Onboard Memory > 64M  [Disabled]    If the frequency
                                          multiple or bus
                                          frequency are adjusted
 ▶ Chip Configuration                     too high, the system may
 ▶ I/O Device Configuration               hang. Please turn off
 ▶ PCI Configuration                      the system and then
                                          restart to set the CPU
                                          settings.

 F1   Help   ↑↓  Select Item   -/+   Change Values      F5   Setup Defaults
 ESC  Exit   ↔   Select Menu   Enter Select ▶ Sub-Menu  F10  Save and Exit
```

CPU Speed

This displays the current speed of the CPU installed.

CPU Frequency Multiple

This field displays frequency multiple value between the CPU's internal frequency (CPU speed) and external frequency.

CPU External Frequency (MHz)

This feature tells the clock generator what frequency to send to the system bus and PCI bus. The bus frequency (external frequency) multiplied by the bus multiple equals the CPU speed.

Memory Frequency [Auto]

This field determines whether the memory clock frequency is set to be in synchronous or asynchronous mode with respect to the system frequency. The options that appear in the popup menu vary according to the CPU Frequency (MHz). Configuration options: [Auto]

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