

BIOS Setup

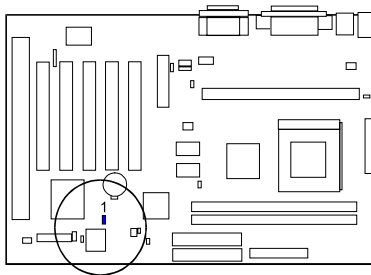
Award BIOS manufacturer provides access to the system BIOS through the hardware and software on mainboard. The hardware consists of a Flash ROM and the software is a group of programs that are installed in the ROMBIOS along with all the other data that should be included into the BIOS.

After the BIOS is updated, if you want to clear the old setup data stored in the CMOS, then you can reset CMOS as follow.



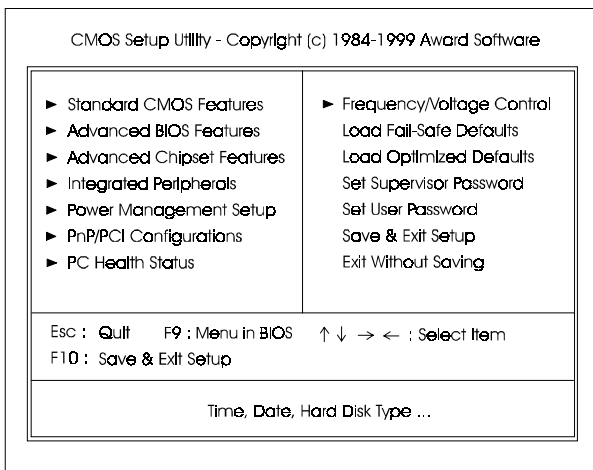
NOTE: In case CMOS should be reset, first unplug the power cord, then set Jumper 8 2-3 closed for at least 5 seconds, reset JP8 1-2 closed so as to return to normal position and plug the power cord again.

	JP8
Normal	1-2
Reset CMOS	2-3



BIOS Configuration Setup

The mainboard comes with an Award BIOS chip that contains the ROM Setup information of your system. This chip serves as an interface between the processor and the rest of the mainboard's components. Each feature contains an introduction to its function for your convenience.



The top-level main setup menu screen is displayed above. Entering each field that pointed by a triangle head for second-level features by moving highlight bar by arrow keys to indicate it and then following the Enter key. It allows you to configure each items if necessary.

Standard CMOS Features allows you to record some basic system hardware configuration and set the system clock and error handling. If the mainboard is already installed in a working system, you will not need to select this option anymore. However, if the configuration stored in the CMOS memory on the mainboard gets lost or damaged, or if you change the system hardware configuration, you will need to specify the configuration values. The configuration values usually get lost or corrupted when the power of the onboard CMOS battery weakens.

Advanced BIOS Features contains the entries that allows you to improve the system performance, or lets you set up some system features according to your preference. Some entries here are required by the board's design to remain in their default settings.

Advanced Chipset Features controls the configuration of the mainboard's chipset.

Integrated Peripherals allows you to configure the parameters that your peripheral devices provided to take advantage of them.

Power Management Setup allows you to reduce the system power consumption. It provides some features for turning off the video display and shutting down some peripheral devices, such as hard disks, after a specified time period.

PnP/PCI Configurations allows you to set up the PCI bus slots. All PCI bus slots on the system use INTA#, thus all installed PCI adapter cards must be set to this value.

PC Health Status allows you and technicians to monitor data provided by the BIOS on this mainboard. Some of them are not user-configurable.

Frequency/Voltage Control allows you to configure the frequency and voltage of your processor.

Load Fail-Safe Defaults is for settings that provide a more efficient computer. If the computer will not boot, select this option and try to diagnose the problem after the computer boots. These settings do not give optimal performance.

Load Optimal Defaults is selected for settings which provide the best system performance.

Set Supervisor/User Password

To enable the Supervisor/User passwords, select the item from the Standard CMOS Setup. You will be prompted to create your own password. Type your password up to eight characters and press Enter. You will be asked to confirm the password. Type the password again and press Enter. To disable password, press Enter twice when you are prompted to enter a password. A message appears, confirming the password is disabled

Under the BIOS Feature Setup, if *Setup* is selected under the Security Option field and the Supervisor/User Password is enabled, you will be prompted password every time you try to enter the CMOS Setup Utility. If *System* is selected and the Supervisor/User Password is enabled, you will be requested to enter the Password every time when you reboot the system or enter the CMOS Setup utility.

Save & Exit Setup allows you to write the current settings to CMOS and exit.

Exit Without Saving allows you to exit without writing the current settings to CMOS.