

Chapter 3

AMI® BIOS USER'S GUIDE

The system configuration information and chipset register information is stored in the CMOS RAM. This information is retained by a battery when the power is off. Enter the BIOS setup (if needed) to modify this information.

The following pages will describe how to enter BIOS setup, and all about options.

Enter BIOS Setup

Enter the AMI® setup Program's Main Menu as follows:

1. Turn on or reboot the system. The following screen appears with a series of diagnostic check.

```
AMIBIOS (C) 1999 American Megatrends Inc.  
AGIOMS VXXX XXXXXX
```

```
Hit <DEL> if you want to run setup
```

```
(C) American Megatrends Inc.  
61-XXXX-001169-00111111-071592-i82440FX-H
```

2. When the "Hit " message appears, press key to enter the BIOS setup screen.
3. After pressing key, the BIOS setup screen will appear.

Note: If you don't want to modify CMOS original setting, then don't press any key during the system boot.

AMIBIOS HIFLEX SETUP UTILITIES - VERSION 1.30 (C) 1999 American Megatrends, Inc. All Rights Reserved	
Standard CMOS Feature BIOS Features Setup Chipset Features Setup Power Management Setup PnP/PCI Configuration Load Setup Defaults Load BIOS Defaults	Integrated Peripherals Hardware Monitor Setup Supervisor Password User Password IDE HDD Auto Detection Save & Exit Setup Exit Without Saving
Esc: Quit FF5: Old Values	↑↓↔: Select Item (Shift)F2: Change Color F7: Load Setup Defaults F10: Save & Exit
Time, Date, Hard Disk Type, ...	

4. Use the <Up> and <Down> key to move the highlight scroll up or down.
5. Use the <ENTER> key to select the option.
6. To exit, press <ESC>. To save and exit, press <F10>.

Standard CMOS Setup

1. Press <ENTER> on “Standard CMOS Setup” of the main menu screen .

AMIBIOS SETUP - STANDARD CMOS SETUP							
(C)1999 American Megatrends, Inc. All Rights Reserved							
Date (mm/dd/yyyy): Thu Oct 26, 2000							
Time (hh/mm/ss): 19:22:43							
TYPE	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE

Pri Master : Auto							
Pri Slave : Auto							
Sec Master : Auto							
Sec Slave : Auto							
Floppy Drive A: 1.44MB 3 1/2				Base Memory : 640 Kb			
Floppy Drive B: Not Installed				Other Memory: 384 Kb			
				Extended Memory: 511 Mb			
				Total Memory: 512 Mb			
Boot Sector Virus Protection Disabled							
Detecting drive parameters:				ESC:Exit			
Press ESC to Abort				↑↓:Select Item			
				PU/PD/+/- : Modify			
				(Shift) F2: Color			

2. Use <Up> and <Down> to choose the item and <PgUp> and <PgDn> keys to modify the highlighted item.
3. After you have finished with the Standard CMOS Setup, press <ESC> to go back to the main menu.

BIOS Features Setup

- 1. Press <ENTER> on “BIOS Features Setup” of the main menu screen.

AMIBIOS SETUP - BIOS FEATURES SETUP	
(C) 1999 American Megatrends, Inc. All Rights Reserved	
Quick Boot	:Enabled
1st Boot Device	:Floppy
2nd Boot Device	:IDE-0
3rd Boot Device	:CD-ROM
Try Other Boot Devices	:Yes
BootUp Num-Lock	:On
Floppy Drive Swap	:Disabled
Floppy Drive Seek	:Disabled
Password Check	:Setup
L1 Cache	:WriteBack
Cache Bus ECC	:Disabled
Video BIOS Cacheable	:Disabled
ESC:Quit ↑↓↔:Select Item	
F1 :Help PU/PD/+/- : Modify	
F5 :Old Values (Shift)F2: Color	
F6 :Load BIOS Defaults	
F7 :Load Setup Defaults	

- 2. Use <Up> and <Down> to choose the item and <PgUp> and <PgDn> keys to modify the highlighted item.
- 3. After you have finished with the BIOS Features Setup, press <ESC> to go back to the main menu.

Description of the item on screen follows:

Quick Boot

Set this option to Enabled to permit AMI® BIOS to boot within 5 seconds. This option replaces the old ABOVE 1 MB Memory Test option.

1st Boot Device/2nd Boot Device/3rd Boot Device

This option sets the sequence of boot drives.

The settings are:

IDE0	The system will boot from the first HDD.
IDE1	The system will boot from the Second HDD.
IDE2	The system will boot from the Third HDD.
IDE3	The system will boot from the Fourth HDD.
Floppy	The system will boot from Floppy.
SCSI	The system will boot from the SCSI.
Network	The system will boot from the Network drive.
CD-ROM	The system will boot from the CD-ROM.
ZIP A:/LS120	The system will boot from ZIP/LS120.
ATAPI ZIP C:	The system will boot from ZIP.
Disable	Disable this sequence.

Try other Boot Devices

This option sets the device boot, if all the Four Boot Devices failed.

Boot up Num Lock

When this option is set to Off, AMI® BIOS turns off the Num Lock key when the system is powered on. The end user can then use the arrow keys on both the numeric keypad and the keyboard. The settings are On or Off. The setup default and BIOS settings are On.

Floppy Drive Swap

Set this option to Enabled to specify that floppy drives A: and B: are swapped. The setting are Enabled and Disabled. The setup and BIOS default settings are Disabled.

Floppy Drive Seek

When this option is set to Enabled, AMI® BIOS performs a Seek command on floppy drive A: before booting the system. The settings are Enabled and Disabled. The setup and BIOS default settings are Disabled.

Password Check

This option specifies the type of AMI® BIOS password protection that is implemented. The default settings is Setup.

L1 Cache

Choosing Write Back allows it to write back the level 1 cache memory. The settings are Write Back or Write through or Disabled.

Cache Bus ECC

This option is for Pentium® 4 processor. During Enabled, this will affect the system performance. Disabled this option if you don't want to affect the system performance.

Video BIOS Cacheable

Select Enabled allows caching of the video BIOS, resulting in better system performance. However, if any program writes to this memory area, a system error may result. The settings are Enabled and Disabled.

Chipset Features Setup

- 1. Press <ENTER> on “Chipset Features Setup” of the main menu screen.

AMIBIOS SETUP - CHIPSET FEATURES SETUP		
(C) 1999 American Megatrends, Inc. All Rights Reserved		
CPU Frequency Ratio	:12.0X	
USB Function	:Enabled	
USB Keyboard Support	:Disabled	
Memory Hole	:Disabled	
Graphics Aperture Size	:64MB	
ICH Decode Select	:Subtractive	
CPU Bist Enable	:Disabled	
ICH Delayed Transaction	:Disabled	
ICH DCB Enable	:Disabled	
VGA Frame Buffer USWC	:Disabled	
PCI Frame Buffer USWC	:Disabled	
		ESC:Quit ↑↓↔:Select Item
		F1 :Help PU/PD/+/- : Modify
		F5 :Old Values (Shift)F2: Color
		F6 :Load BIOS Defaults
		F7 :Load Setup Defaults

- 2. Use <Up> and <Down> to choose the item and <PgUp> and <PgDn> keys to modify the highlighted item.
- 3. After you have finished with the Chipset Features Setup, press <ESC> to go back to the main menu.

Description of the item on screen follows:**CPU Frequency Ratio**

This option enables you to set the CPU ratio.

USB Function

Set this option to Enabled or Disabled the on-chip USB controller.

USB Keyboard Support

Select Enabled if your system contains a Universal Serial Bus (USB) controller and you have a USB keyboard.

Memory Hole

This option allows the end user to specify the location of a memory hole. The cycle matching the selected memory hole will be passed to the ISA bus. If Enabled, the selected hole is not remapped.

Graphics Aperture Size

This option determines the effective size of the graphics aperture used in the particular PAC configuration. The AGP aperture is memory-mapped, while graphics data structure can reside in a graphics aperture. The aperture range should be programmed as not cacheable in the processor cache, accesses with the aperture range are forwarded to the main memory, then PAC will translate the original issued address via a translation table which is maintained on the main memory. The option allows the selection of an aperture size of 4MB, 8MB, 16MB, 32MB, 64MB, 128MB and 256MB.

ICH Decode Select

This option allows you to select the PCI decode timing of ICH.

CPU BIST Enable

This option allows you to Enable or Disable the CPU Built-In Self Test.

ICH Delayed Transaction

The chipset has an embedded 32-bit posted write buffer to support delay transactions cycles. Select Enabled to support compliance with PCI specification version 2.1.

ICH DCB Enable

This option allows you to Enable or Disable the ICH DMA Collection Buffer for LPC I/F.

VGA Frame Buffer USWC

This option allows you to Enable or Disable the VGA frame buffer.

PCI Frame Buffer USWC

This option allows you to Enable or Disable the PCI frame buffer.

Power Management Setup

1. Press <ENTER> on “Power Management Setup” of the main menu screen.

AMIBIOS SETUP - POWER MANAGEMENT SETUP			
(C) 1999 American Megatrends, Inc. All Rights Reserved			
IPCA Function	:Yes	Resume By Alarm	:Disabled
Sleep State	:S1/POS	Alarm Date	:15
Sleep State LED	:DualColor	Alarm Hour	:12
Standby Time Out (Minute)	:Disabled	Alarm Minute	:30
Keyboard & PS/2 Mouse	:Monitor	Alarm Second	:30
FDC/LPT/COM Ports	:Monitor		
SB & MSS Audio Ports	:Ignore		
MIDI Ports	:Ignore		
ADLIB Ports	:Ignore		
Primary Master IDE	:Monitor		
Primary Slave IDE	:Ignore		
Secondary Master IDE	:Monitor		
Secondary Slave IDE	:Ignore		
System Thermal	:Ignore		
Power Button Function	:On/Off		
Restore on AC/Power Loss	:Last State		
Wake Up On Ring	:Disabled		
Wake Up On Lan	:Disabled		
Wake Up On PME	:Disabled		
		ESC:Quit ↑↓←→:Select Item F1 :Help PU/PD/+/- : Modify F5 :Old Values (Shift)F2: Color F6 :Load BIOS Defaults F7 :Load Setup Defaults	

2. Use <Up> and <Down> to choose the item and <PgUp> and <PgDn> keys to modify the highlighted item.
3. After you have finished with the Power Management Setup, press <ESC> to go back to the main menu.

Description of the item on screen follows:

IPCA Function

This item allows you to Enabled/Disabled the Advanced Configuration and Power Management (ACPI). The settings are Enabled and Disabled.

Sleep State

This option allows you to set which Sleep State will be used.

S1/POS - Power on Suspend.

The S1 sleeping state is a low wake-up latency sleeping state. In this state, no system context is lost (CPU or chipset) and hardware maintains all system context.

S3/STR - Suspend to RAM.

The S3 state is a low wake-up latency sleeping state where all system context is lost except the system memory. CPU, cache, and chipset context are lost in this state. Hardware maintains memory context and restores some CPU and L2 configuration context.

Sleep State LED

This option determines which state the Power LED will use. The settings are Blinking, Dual and Single. During Blinking, the power LED will blink when the system enters the suspend mode. When the mode is in Dual, the power LED will change its color. In Single mode, the power LED will always remain lit.

Standby Time Out (Minute)

This option specifies the length of a period of system inactivity while in Standby state. When this length of time expires, the computer enters Suspend power state. The settings are Disabled, 1 min, 2 min, 4 min, 8 min, 10 min, 20 min, 30 min, 40 min, 50 min or 60 min.

Keyboard & PS/2 Mouse/

FDC/LPT/COM Ports/

SB & MSS Audio Ports/

MIDI Ports/

ADLIB Ports/

Primary Master IDE/Primary Slave IDE/Secondary Master IDE/Secondary Slave IDE/System Thermal

When set to Monitor, these options enabled event monitoring on the specified hardware interrupt request line. If set to Monitor and the computer is in a power saving state, AMI BIOS watches for activity on the specified IRQ line. The computer enters the full on power state if any activity occurs.

AMI BIOS reloads the Standby and Suspend time out timers if activity occurs on the specified IRQ line.

Power Button Function

During Suspend, if you push the switch once, the system goes into suspend mode and if you push it more than 4 seconds, the system will be turned off. During On/Off, the system will turn off once you push the switch.

Restore on AC/Power Loss

The settings are power on, power off or last state. During power on, after every AC power loss, the system will be turned on. During last status, after every AC power loss, whatever the system status, it will be the same when the AC power returns. During power off, after every AC power loss, the system will be turned off.

Wake Up On Ring/Wake Up On LAN

During Disabled, the system will ignore any incoming call from the modem/LAN. During Enabled, the system will boot up if there's an incoming call from the modem/LAN.

Note: If you have change the setting, you must let the system boot up until it goes to the operating system. Then, power off the system. This function will work the next time you power on.

Wake Up On PME

This option enables the system to comply with PCI specification version 2.2. PCI card should be present to enable power on or resume from the PME signal.

Resume By Alarm

This function is for setting the Date, Hour, Minute, and Second for your computer to boot up. During Disabled, you cannot use this function. During Enabled, Choose the Date, Hour, Minute, and Second:

Alarm Date	Select which day the system will boot up.
Alarm Hour	Select the hours for the system to boot up.
Alarm Minute	Select the minutes for the system to boot up.
Alarm Second	Select the seconds for the system to boot up.

Note: If you have change the setting, you must let the system boot up until it goes to the operating system. Then, power off the system. This function will work the next time you power on.

PNP/PCI Configuration

- 1. Press <ENTER> on “PNP/PCI Configuration” of the main menu screen.

AMIBIOS SETUP - PNP/PCI CONFIGURATION		
(C) 1999 American Megatrends, Inc. All Rights Reserved		
Clear ESCD	:No	
PCI VGA Palette Snoop	:Disabled	
DMA Channel 0	:PnP	
DMA Channel 1	:PnP	
DMA Channel 3	:PnP	
DMA Channel 5	:PnP	
DMA Channel 6	:PnP	
DMA Channel 7	:PnP	
IRQ3	:PCI/PnP	
IRQ4	:PCI/PnP	
IRQ5	:PCI/PnP	
IRQ7	:PCI/PnP	
IRQ9	:PCI/PnP	
IRQ10	:PCI/PnP	
IRQ11	:PCI/PnP	
IRQ14	:PCI/PnP	
IRQ15	:PCI/PnP	
		ESC:Quit ↑↓←→:Select Item
		F1 :Help PU/PD/+/- : Modify
		F5 :Old Values (Shift)F2: Color
		F6 :Load BIOS Defaults
		F7 :Load Setup Defaults

- 2. Use <Up> and <Down> to choose the item and <PgUp> and <PgDn> keys to modify the highlighted item.
- 3. After you have finished with the PNP/PCI Configuration, press <ESC> to go back to the main menu.

Description of the item on screen follows:

Clear ESCD

During Yes, this will clear ESCD data on every boot.

PCI VGA Palette Snoop

When this option is set to Enabled, multiple VGA devices operating on different buses can handle data from the CPU on each set of palette registers on every video device. Bit 5 of the command register in the PCI device configuration space is the VGA Palette Snoop bit (0 is disabled). For example, if there are two VGA devices in the computer (one PCI and ISA) and the Bit settings are:

Disabled-Data read and written by the CPU is only directed to the PCI VGA device's palette registers.

Enabled - Data read and written by the CPU is directed to both the PCI VGA device's palette registers and the ISA VGA device palette registers, permitting the palette registers of both devices to be identical.

This option must be set to Enabled if an ISA adapter card requires VGA palette snooping. The settings are Enabled or Disabled.

DMA Channel 0/1/3/5/6/7

These options specify the bus that the specified DMA channel is used. These options allow you to reserve DMAs for legacy ISA adapter cards.

These options determine if AMI® BIOS should remove a DMA from the available DMAs passed to devices that are configurable by the system BIOS. The available DMA pool is determined by reading the ESCD NVRAM. If more DMAs must be removed from the pool, the end user can use these options to reserve the DMA by assigning an ISA/EISA setting to it.

IRQ3/IRQ4/IRQ5/RQ7/IRQ9/IRQ10/IRQ11/IRQ14/IRQ15

These options specify the bus that the specified IRQ line is used on. These options allow you to reserve IRQs for legacy ISA adapter cards.

These options determine if AMI® BIOS should remove an IRQ from the pool of available IRQs passed to devices that are configurable by the system BIOS. The available IRQ pool is determined by reading the ESCD NVRAM. If more IRQs must be removed from the pool, the end user can use these options to reserve the IRQ by assigning an ISA/EISA setting to it. Onboard I/O is configured by AMI® BIOS. All IRQs used by onboard I/O are configured as PCI/PnP. If all IRQs are set to ISA/EISA and IRQ14 and 15 are allocated to the onboard PCI IDE, IRQ9 will still be available for PCI and PnP devices, because at least one IRQ must be available for PCI and PnP devices. The settings are ISA/EISA or PCI/PnP. The Optimal and Fail-Safe default settings are IRQ3 through 7 are ISA/EISA. The Optimal and Fail-Safe default settings PCI/PnP.

Integrated Peripherals

- 1. Press <ENTER> on “Integrated Peripherals” of the main menu screen.

AMIBIOS SETUP - INTEGRATED PERIPHERALS		
(C) 1999 American Megatrends, Inc. All Rights Reserved		
Floppy Controller	:Auto	
Serial Port A	:Auto	
Serial Port B	:Auto	
Serial Port B Mode	:Normal	
IR Duplex Mode	:Half Duplex	
IR Pin Select	:IRRX/IRTX	
CIR Port	:Disabled	
CIR IRQ Select	:10	
OnBoard Parallel Port	:Auto	
Port Mode	:ECP	
EPP Version	:N/A	
Port IRQ	:Auto	
Port DMA Channel	:Auto	
OnBoard Midi Port	:300	
Midi IRQ Select	:9	
OnBoard Game Port	:200	
On-Chip IDE	:Both	
AC97 Audio Controller	:Auto	
AC97 Modem Controller	:Auto	
		ESC:Quit ↑↓←→:Select Item
		F1 :Help PU/PD/+/- : Modify
		F5 :Old Values (Shift)F2: Color
		F6 :Load BIOS Defaults
		F7 :Load Setup Defaults

- 2. Use <up> and <down> to choose the item and <PgUp> and <PgDn> keys to modify the highlighted item.
- 3. After you have finished with the Integrated Peripherals, press <ESC> to go back to the main menu.

Description of the item on screen follows:

Floppy Controller

Set this option to Auto for the BIOS to automatically detect the device

Serial Port A/Serial Port B

Choose Auto, for the BIOS to automatically detect the device.

If the ISA add-on card has				Onboard Serial port to be set at			
COM1 (I/O:3F8H)	COM2 (I/O:3F8H)	COM3 (I/O:3E8H)	COM4 (I/O:2E8H)	PORT1	IRQ ASSIGNED	PORT2	IRQ ASSIGNED
✓	✓	✓	✓	DISABLED	X	DISABLED	X
✓	✓	X	X	COM3	4	COM4	3
X	X	✓	✓	COM1	4	COM2	3
✓	X	X	✓	COM2	3	COM3	4
X	✓	✓	X	COM1	4	COM4	3
✓	✓	✓	X	COM4	3	DISABLED	X
✓	✓	X	✓	COM3	4	DISABLED	X
✓	X	✓	✓	COM2	3	DISABLED	X
X	✓	✓	✓	COM1	4	DISABLED	X
X	X	X	X	COM1	4	COM2	3
✓	X	X	X	COM2	3	COM3	4
X	✓	X	X	COM1	4	COM3	4
X	X	✓	X	COM1	4	COM2	3
X	X	X	✓	COM1	4	COM2	3

Note: If the onboard serial port interrupt and ISA add-on card interrupt are in conflict, the serial port will not work properly. Please disable one of the devices.

Serial Port B Mode

Choosing Normal will set the Serial Port B for normal use, not for IR device. Choosing IrDA or Ask IR will set it for use with IR device using these protocols.

IR Duplex Mode

Can be set as either Half or Full duplex.

IR Pin Select

Set this option to IRRX/IRTX when using an internal IR device which is connected to J5 connector.

Onboard CIR Port

Setting Enabled, the system support consumer IR and your device have to be connected to J5 connector.

CIR IRQ Select

Select IRQ 3, 4, 9, 10 or 11 to support CIR Interrupt.

Onboard Parallel Port

Choose Auto, the BIOS automatically assigned onboard parallel port to the available parallel port or disabled.

If the ISA add-on card has			Onboard parallel port to be set as	
LPT1 I/O:378H	LPT2 I/O:278H	LPT3 I/O:3BCH	PORT ASSIGNED	IRQ ASSIGNED
✓	✓	✓	Disabled	X
✓	✓	X	LPT3	5
✓	X	✓	LPT2	5
X	✓	✓	LPT1	7
✓	X	X	LPT2	5
X	✓	X	LPT1	7
X	X	✓	LPT1	7
X	X	X	LPT1	7

Note: If the onboard parallel port interrupt and ISA add-on card interrupt are in conflict, the parallel port will not work properly. Please disable one of the devices.

Port Mode

This option allows user to choose the operating mode of the onboard parallel port. The settings are Normal, SPP/EPP or ECP mode.

EPP Version

This option is for setting which EPP version will be used. The settings are 1.7 and 1.9.

Port IRQ

If the onboard parallel mode is not on auto mode, the user can select the interrupt line for onboard parallel port. We suggest that the user select the interrupt for the onboard parallel port as shown below:

Onboard parallel port set at	Parallel Port IRQ
LPT1(378H)	7
LPT2(278H)	5
LPT3(3BCH)	5

Port DMA Channel

This option allows user to choose port DMA channel 1 to 3 for the onboard parallel port on ECP mode.

OnBoard MIDI Port

Choose 290H, 292H, 300H, 330H to support MIDI devices.

MIDI IRQ Select

Choose 5, 7, 9, 10 to support MIDI device interrupt.

OnBoard Game Port

Choose 200H, 208H to support Joystick device.

Note: If Hardware Audio is onboard, the three items above in the peripheral setup will not be shown.

On-Chip IDE

Set this option to enable or disable on-chip IDE controller.

AC97 Audio/AC'97 Modem Controller

Set this option to Auto for the BIOS to automatically detect the AC97 audio and modem controller.

Hardware Monitor Setup

The Hardware Monitor Setup is used to set the CPU speed and monitor the current CPU Temperature, CPU Fan speed, Chassis Fan Speed, Power fan speed, Vcore, etc. This is only available if there is Hardware Monitor onboard.

- 1. Press <ENTER> on “Hardware Monitor Setup” of the main menu screen.

AMIBIOS SETUP - HARDWARE MONITOR SETUP	
(C) 1999 American Megatrends, Inc. All Rights Reserved	
==System Hardware Monitor==	
Chassis Intrusion	:Disabled
CPU Temperature	:40°C/104°F
System Temperature	:32°C/89°F
CPU Fan Speed	:0 RPM
System Fan Speed	:0 RPM
Power Fan Speed	:4354 RPM
CPU VID	:1.75V
Vcore	:1.648 V
1.8V	:1.824 V
Vio	:3.312 V
+ 5.0V	:5.223 V
+ 12.0V	:11.376 V
- 12.0V	:-11.497 V
- 5.0V	:-4.926 V
Battery	:3.136 V
+5V SB	:5.090 V
ESC:Quit ↑↓←→:Select Item	
F1 :Help PU/PD/+/- : Modify	
F5 :Old Values (Shift)F2: Color	
F6 :Load BIOS Defaults	
F7 :Load Setup Defaults	

- 2. Use <Up> and <Down> to choose the item and <PgUp> and <PgDn> keys to modify the highlighted item.
- 3. After you have finished with the Hardware Monitor Setup, press <ESC> to go back to the main menu.

Description of the item on screen follows:**Chassis Intrusion**

Set this option to Enabled, Reset, or Disabled the chassis intrusion detector. During Enabled, any intrusion on the system chassis will be recorded. The next time you turn on the system, it will show a warning message. To be able to clear those warning, choose reset. After clearing the message it will go back to Enabled.

**CPU Temperature/System Temperature/CPU Fan Speed/
System Fan Speed/Power Fan Speed/CPU VID/Vcore/1.8V/Vio/
+5V/+12V/-12V/-5V/Battery/5VSB**

This will show the CPU/Fan/System voltage chart and Fan speed.

Supervisor/User Password

This Main Menu item lets you configure the system so that a password is required each time the system boots or an attempt is made to enter the Setup program. Supervisor Password allows you to change all CMOS settings but the User Password setting doesn't have this function. The way to set up the passwords for both Supervisor and User are as follow:

1. Choose "Supervisor/User Password" in the Main Menu and press <Enter>. The following message appears:

"Enter New Supervisor/User Password:"

2. The first time you run this option, enter your password up to 6 characters only and press <Enter>. The screen will not display the entered characters. For no password, just press <Enter>.
3. After you enter the password, the following message appears prompting you to confirm the password:

"Retype New Supervisor/User Password:"

4. Enter exactly the same password you just typed in to confirm the password and press <Enter>.
5. Move the cursor to Save and Exit Setup to save the password.
6. If you need to delete the password you entered before, choose the Supervisor/User Password and press <Enter>. It will delete the password that you had before.
7. Move the cursor to Save and Exit Setup to save the option you did. Otherwise, the old password will still be there when you turn on your machine next time.

IDE HDD Auto Detection

You can use this utility to automatically detect the characteristics of most hard drives.

AMIBIOS SETUP - STANDARD CMOS SETUP							
(C)1999 American Megatrends, Inc. All Rights Reserved							
Date (mm/dd/yyyy): Fri Jul 21, 2000							
Time (hh/mm/ss): 01:01:34							
TYPE SIZE CYLS HEAD PRECOMP LANDZ SECTOR MODE							

Pri Master :							
Pri Slave :							
Sec Master :							
Sec Slave :							
Floppy Drive A: Not Installed				Base Memory : 0 KB			
Floppy Drive B: Not Installed				Other Memory: 384 Kb			
				Extended Memory : 0 Mb			
				Total Memory : 1 Mb			
Boot Sector Virus Protection Disabled							
Detecting drive parameters:				ESC:Exit			
Press ESC to Abort				↑↓:Select Item			
				PU/PD/+/- : Modify			
				(Shift) F2: Color			