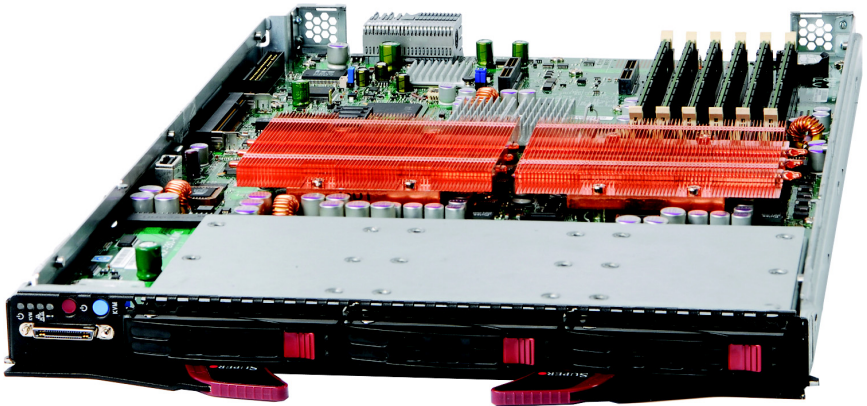


SUPERMICRO[®]

SBI-7425C-S3 Intel Blade Module



BIOS Setup Manual

Revision 1.0

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Manual Revision 1.0

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SBI-7425C-S3 Blade Module Bios Setup Manual

Introduction

This document describes the Phoenix BIOS™ Setup utility for the SBI-7425C-S3 Intel Blade Module. The Phoenix ROM BIOS is stored in a flash chip and can be easily upgraded using a floppy disk-based program. See *Chapter 9* of the *Intel SuperBlade User's Manual* (MNL-0975) for further details.

Running Setup



NOTE: Default settings are in **bold** text unless otherwise noted.

The BIOS setup options described in this section are selected by choosing the appropriate text from the MAIN BIOS SETUP screen. All displayed text is described in this section, although the screen display is often all you need to understand how to set the options.

When you first power on the computer, the BIOS is immediately activated.

While the BIOS is in control, the Setup program can be activated in one of two ways:

1. By pressing <DELETE> immediately after turning the system on, or
2. When the message **Press the <Delete> key to enter Setup** appears briefly at the bottom of the screen during the POST, press the <DELETE> key to activate the main SETUP menu:

Main BIOS Setup

All main Setup options are described in this section.

Use the UP/DOWN arrow keys to move among the different settings in each menu. Use the LEFT/RIGHT arrow keys to change the options for each setting.

Press the <ESC> key to exit the CMOS SETUP menu. The next section describes in detail how to navigate through the menus.

Items that use sub-menus are indicated with the ► icon. With the item highlighted, press the <ENTER> key to access the submenu.

Menu options found in the MAIN BIOS SETUP menu are shown in the [Table 1](#).

Table 1. Main BIOS Setup Menu Options

Menu Option	Description
System Time	To set the system date and time, key in the correct information in the appropriate fields. Then press the <Enter> key to save the data.
System Date	Using the arrow keys, highlight the month, day and year fields, and enter the correct data for the system date. Press the <Enter> key to save the data.
BIOS Date	The BIOS Date field displays the date when this version of the BIOS was built.
► SATA Port 0/ SATA Port 1/SATA Port 2	These settings allow the user to set the parameters of the SATA Port 0, 1 and 2 drives. Hit <Enter> to activate the following sub-menu screen for detailed options of these items, and to set the correct configurations accordingly. The items included in this submenu are shown in Table 2 below.

Table 2. SATA Port 0/SATA Port 1 Submenu Menu Options

Menu Option	Description
Type	Selects the type of SATA hard drive. Selecting User will allow the user to manually enter the parameters of the HDD. Selecting Auto will allow the BIOS to automatically configure the parameters of the HDD. Select CD-ROM if a CD-ROM drive is installed. Select ATAPI if a removable disk drive is installed.
CHS Format	Selecting this option brings up a submenu with the below options.
Type	This item displays the type of IDE or SATA Device
Cylinders	This item indicates the status of Cylinders.
Headers	This item indicates the number of headers.
Sectors	This item displays the number of sectors.
Maximum Capacity	This item displays the maximum storage capacity of the system.
LBA Format	Selecting this option brings up a submenu with the below options.
Total Sectors	This item displays the number of total sectors available in the LBA Format.
Maximum Capacity	This item displays the maximum capacity in the LBA Format.

Table 2. SATA Port 0/SATA Port 1 Submenu Menu Options (Continued)

Menu Option	Description
Multi-Sector Transfer	This item allows the user to specify the number of sectors per block to be used in multi-sector transfer. The options are Disabled, 4 Sectors, 8 Sectors and 16 Sectors .
LBA Mode Control	This item determines whether the BIOS will access the IDE Channel 0 Master Device via the LBA mode. The options are Enabled and Disabled.
32 Bit I/O	This option allows the user to enable or disable the 32-bit data transfer function. The options are Enabled and Disabled .
Transfer Mode	This option allows the user to set the transfer mode. The options are Standard , Fast PIO1, Fast PIO2, Fast PIO3, Fast PIO4, FPIO3/DMA1 and FPIO4/DMA2.
Ultra DMA Mode	This option allows the user to select Ultra DMA Mode. The options are Disabled , Mode 0, Mode 1, Mode 2, Mode 3, Mode 4 and Mode 5.
Serial ATA	This setting allows the user to enable or disable Serial ATA. The options are Enabled and Disabled.
Native Mode Operation	Used to select the native mode for ATA. The options are Auto and Serial ATA.
► SATA Controller Mode	Select Compatible to allow the SATA and PATA drives to be automatically detected and placed in Legacy Mode by the BIOS. Select Enhanced to allow the SATA and PATA drives to be automatically detected and placed in Native IDE Mode. When the SATA Controller Mode is set to "Enhanced", it displays a submenu with the following menu options: NOTE: ENHANCED mode is supported only by Windows 2000 OS and later versions. When the SATA Controller Mode is set to ENHANCED, the items below are displayed.
Serial ATA (SATA) RAID Enable	Select ENABLE to enable Serial ATA RAID Functions. For the Windows OS environment, use the RAID driver if this feature is set to Enabled. If this item is set to Disabled , the item-SATA AHCI Enable will be available. Select Enable to enable Serial ATA RAID functions. The options are Enabled and Disabled .
ICH RAID Code Base	Select Intel to enable Intel's SATA RAID firmware to configure Intel's SATA RAID settings.
SATA AHCI	Select Enable to enable the Serial ATA Advanced Host Interface. The options are Enabled and Disabled . WARNING: Use caution when setting this function. This feature is for advanced programmers only.
System Memory	This display informs you how much system memory is recognized as being present in the system.
Extended Memory	This display informs you how much extended memory is recognized as being present in the system.

Advanced Setup

Choose **Advanced** from the BIOS Setup Utility main menu with the arrow keys. The items with a triangle beside them have sub menus that can be accessed by highlighting the item and pressing <ENTER>. Options for PIR settings are displayed by highlighting the setting option using the arrow keys and pressing <ENTER>. [Table 3](#) contains a list of all menu options in the ADVANCED SETUP menu.

Table 3. Advanced Setup Menu Options

Submenu	Description
▶ Boot Features	Access this submenu to make changes to boot features. See Table 4 for a list of menu options in this submenu.
▶ Memory Cache	Access this submenu to make changes to settings for the memory cache. See Table 5 for a list of menu options in this submenu.
▶ PCI Configuration	Access this submenu to make changes to settings for PCI devices. See Table 6 for a list of menu options in this submenu.
▶ Slot1 PCI 33MHz, Slot2 PCI 33MHz, Slot3 PCI 33MHz, Slot4 PCI-Exp.x4, Slot5 PCI-Exp. x8, and Slot6 PCI-Exp. x8	Access the submenu for each of the settings above to make changes to PCI slots on the mainboard. See Table 7 for a list of menu options in this submenu.
Large Disk Access Mode	This setting determines how large hard drives are to be accessed. The options are DOS or Other (for Unix, Novelle NetWare and other operating systems).
▶ Advanced Chipset Control	Access this submenu to make changes to advanced chipset settings. See Table 8 for a list of menu options in this submenu. WARNING: Use caution when changing the Advanced settings. Incorrect values entered may cause a system malfunction. Also, a very high DRAM frequency or incorrect DRAM timing may cause system instability. When this occurs, revert to the default settings.
▶ Advanced Processor Options	Access this submenu to make changes to advanced processor option settings. See Table 9 for a list of menu options in this submenu.
▶ I/O Device Configuration	Access this submenu to make changes to I/O device configuration settings. See Table 10 for a list of menu options in this submenu.
▶ DMI Event Logging	Access this submenu to make changes to DMI event logging settings. See Table 11 for a list of menu options in this submenu.
▶ Console Redirection	Access this submenu to make changes to console redirection settings. See Table 12 for a list of menu options in this submenu.
▶ Hardware Monitor	Access this submenu to make changes to the hardware monitor settings. See Table 13 for a list of menu options in this submenu.
▶ IPMI	Access this submenu to make changes to the IPMI settings. See Table 14 for a list of menu options in this submenu. NOTE: The option is available only when an IPMI card is installed in the system.

Table 3. Advanced Setup Menu Options (Continued)

Submenu	Description
▶ System Event Log/ System Event Log (List Mode)	These options display the System Event (SEL) Log and System Event (SEL) Log in List Mode. Items include: SEL (System Event Log) Entry Number, SEL Record ID, SEL Record Type, Time Stamp, Generator ID, SEL Message Revision, Sensor Type, Sensor Number, SEL Event Type, Event Description and SEL Event Data.
▶ Realtime Sensor Data	This feature display information from motherboard sensors, such as temperatures, fan speeds and voltages of various components.

Table 4. Boot Features Submenu Menu Options

Menu Option	Description
Quick Boot Mode	If enabled, this feature will speed up the POST (Power-On Self-Test) routine by skipping certain tests after the computer is turned on. The settings are Enabled and Disabled. If Disabled, the POST routine will run at normal speed.
Quiet Boot Mode	This setting allows you to Enable or Disable the diagnostic screen during boot-up.
POST Errors	Enabling this setting pauses and displays the Setup entry or resume boot prompt if an error occurs on boot. If disabled, the system will always attempt to boot. The settings are Enabled and Disabled.
ACPI Mode	Use this setting to determine if you want to employ ACPI (Advanced Configuration and Power Interface) power management on your system. The options are Yes and No.
Power Button Behavior	If set to Instant-Off, the system will power off immediately as soon as the user hits the power button. If set to 4-sec. override, the system will power off when the user presses the power button for 4 seconds or longer. The options are Instant-Off and 4-sec override .
Resume On Modem Ring	Select On to "wake your system up" when an incoming call is received by your modem. The options are On and Off .
Power Loss Control	This setting allows you to choose how the system will react when power returns after an unexpected loss of power. The options are Stay Off , Power On and Last State.
Watch Dog	If enabled, this option will automatically reset the system if the system is not active for more than 5 minutes. The options are Enabled and Disabled .
Summary Screen	This setting allows you to Enable or Disable the summary screen, which displays the system configuration during bootup.

Table 5. Memory Cache Submenu Menu Options

Menu Option	Description
Cache System BIOS Area	This setting allows you to designate a reserve area in the system memory to be used as a system BIOS buffer into which the BIOS will write (cache) its data. Select Write Protect to enable this function, and this area will be reserved for BIOS ROM access only. Select "Uncached" to disable this function and make this area available for other devices.
Cache Video BIOS Area	This setting allows you to designate a reserve area in the system memory to be used as a Video BIOS buffer into which the BIOS will write (cache) its data. Select Write Protect to enable the function and this area will be reserved for Video BIOS ROM access only. Select "Uncached" to disable this function and make this area available for other devices.
Cache Base 0-512k	If enabled, this feature will allow the data stored in the base memory area (block 0-512k) to be cached (written) into a buffer, a storage area in the static DROM (SDROM) or to be written into the L1/L2/L3 cache in the CPU to speed up CPU operations. Select Uncached to disable this function. Select Write Through to allow data to be cached into the buffer and written into the system memory at the same time. Select Write Protect to prevent data from being written into the base memory area of Block 0-512k. Select Write Back to allow the CPU to write data back directly from the buffer without writing data to the system memory for faster CPU operation.
Cache Base 512k-640k	If enabled, this feature will allow the data stored in memory area 512K-640k to be cached (written) into a buffer, a storage area in the static DROM (SDROM) or written into the L1/L2/L3 cache in the CPU to speed up CPU operations. Select Uncached to disable this function. Select Write Through to allow data to be cached into the buffer and written into the system memory at the same time. Select Write Protect to prevent data from being written into the base memory area of Block 0-512k. Select Write Back to allow the CPU to write data back directly from the buffer without writing data to the system memory for faster CPU operation.
Cache Extended Memory Area	If enabled, this feature will allow the data stored in the extended memory area to be cached (written) into a buffer, a storage area in the static DROM (SDROM) or written into the L1/L2/L3 cache inside the CPU to speed up CPU operations. Select Uncached to disable this function. Select Write Through to allow data to be cached into the buffer and written into the system memory at the same time. Select Write Protect to prevent data from being written into the base memory area of Block 0-512k. Select Write Back to allow CPU to write data back directly from the buffer without writing data to the system memory for faster CPU operation.
Discrete MTRR Allocation	If enabled, MTRRs (Memory Type Range Registers) are configured as distinct, separate units and cannot be overlapped. If enabled, the user can achieve better graphic effects when using a Linux graphic driver that requires the write-combining configuration with 4GB or more memory. The options are Enabled and Disabled .

Table 6. PCI Configuration Submenu Menu Options

Menu Option	Description
Onboard GLAN1/ Onboard GLAN2 (Gigabit-LAN) OPROM Configure	Enabling this option provides the capability to boot from an Ethernet port. The options are Enabled and Disabled.
Reset Configuration Data	If set to Yes, this setting clears the Extended System Configuration Data (ESCD) area. The options are Yes and No.

Table 7. PCI Slot 1 through Slot 6 Submenu Menu Options

Menu Option	Description
Option ROM Scan	When enabled, this setting will initialize the device expansion ROM. The options are Enabled and Disabled.
Enable Master	This setting allows you to enable the selected device as the PCI bus master. The options are Enabled and Disabled.
Latency Timer	This setting allows you to set the clock rate for Bus Master. A high-priority, highthroughout device may benefit from a greater clock rate. The options are Default , 0020h, 0040h, 0060h, 0080h, 00A0h, 00C0h, and 00E0h. For Unix, Novell and other operating systems, please select the option: OTHER. If a drive fails after the installation of a new software, you might want to change this setting and try again. A different OS requires a different Bus Master clock rate.

Table 8. Advanced Chipset Control Submenu Menu Options

Menu Option	Description
Crystal Beach Feature	Enabling this creates memory-mapped accesses to the Crystal Beach configuration space located in Device 8, Fn 0 and Fn 1. The options are Enabled and Disabled.
SERR Signal Condition	This setting specifies the ECC Error conditions that an SERR# is to be asserted. The options are None, Single Bit , Multiple Bit and Both.
4GB PCI Hole Granularity	This feature allows you to select the granularity of PCI hole for PCI slots. If MTRRs are not enough, this option may be used to reduce MTRR occupation. The options are 256 MB , 512 MB, 1GB and 2GB.
Route Port 80h Cycles to	This feature allows the user to decide which bus to send debug information to. The options are PCI and LPC .
Enabling Multi-Media Timer	Select Yes to activate a set of timers that are alternative to the traditional 8254 timers for the OS use. The options are Yes and No .
USB Host Controller 1	Select Enabled to enable USB Host Controller 1. The options are Enabled and Disabled.
USB Host Controller 2	Select Enabled to enable USB Host Controller 2. The options are Enabled and Disabled.
Legacy USB Support	This setting allows you to enable support for Legacy USB devices. The options are Enabled and Disabled.

Table 9. Advanced Processor Options Submenu Menu Options

Menu Option	Description
CPU Speed	This is a display that indicates the speed of the installed processor.
Frequency Ratio	Selects the internal frequency multiplier of the CPU(s). Options are Default , x6 and x7.
Core Multi-Processing (Available when supported by the CPU)	Determines whether the 2nd CPU core is enabled. The options are Enabled and Disabled .
Thermal Management 2 (Available when supported by the CPU)	Set to Enabled to use Thermal Management 2 (TM2), which will lower the CPU voltage and frequency when the CPU temperature reaches a predefined overheat threshold. Set to Disabled to use Thermal Manager 1 (TM1), which allows CPU clocking to be regulated via CPU Internal Clock modulation when the CPU temperature reaches the overheat threshold.
C1 Enhanced Mode (Available when supported by the CPU)	Set to Enabled to enable Enhanced Halt State to lower the CPU voltage/frequency to prevent overheating. The options are Enabled and Disabled . Refer to the Intel web site for detailed information.
Execute Disable Bit	Set to Enable to allow the processor to classify areas in memory where an application code can execute and where it cannot, and thus preventing a worm or a virus from inserting and creating a flood of codes to overwhelm the processor or damage the system during an attack. Note: this feature is available when your OS and your CPU support the Execute Disable Bit function. For more information, please refer to the Intel and Microsoft web sites.
Intel (R) Virtualization Technology	Select Enabled to use the feature of Virtualization Technology to allow one platform to run multiple operating systems and applications in independent partitions, creating multiple "virtual" systems in one physical computer. The options are ENABLED and Disabled . NOTE: If there is any change to this setting, you will need to power off and restart the system for the change to take effect. Please refer to Intel's website for detailed information.
Intel EIST Support	Select Enabled to use the Enhanced Intel SpeedStep Technology and allows the system to automatically adjust processor voltage and core frequency in an effort to reduce power consumption and heat dissipation. The options are ENABLED and Disabled . (Native mode support only.)

Table 10. I/O Device Configuration Submenu Menu Options

Menu Option	Description
KBC Clock Input	This setting allows you to select clock frequency for KBC. The options are 6MHz, 8MHz, 12MHz , and 16MHz.
►Serial Port A	This setting allows you to assign control of serial port A. The options are Enabled (user defined), Disabled, and Auto (BIOS or OS controlled).
Base I/O Address	This setting allows you to select the base I/O address for serial port A. The options are 3F8 , 2F8, 3E8, and 2E8.
Interrupt	This setting allows you to select the IRQ (interrupt request) for serial port A. The options are IRQ3 and IRQ4 .
►Serial Port B	This setting allows you to assign control of serial port B. The options are Enabled (user defined), Disabled, Auto (BIOS controlled) and OS Controlled.
Mode	This setting allows you to set the type of device that will be connected to serial port B. The options are Normal and IR (for an infrared device).
Base I/O Address	This setting allows you to select the base I/O address for serial port B. The options are 3F8, 2F8 , 3E8 and 2E8.
Interrupt	This setting allows you to select the IRQ (interrupt request) for serial port B. The options are IRQ3 and IRQ4.

Table 11. DMI Event Logging Submenu Menu Options

Menu Option	Description
Event Log Validity	This is a display to inform you of the event log validity. It is not a setting.
Event Log Capacity	This is a display to inform you of the event log capacity. It is not a setting.
View DMI Event Log	Highlight this item and press <Enter> to view the contents of the event log.
Event Logging	This setting allows you to Enable or Disable event logging.
ECC Event Logging	This setting allows you to Enable or Disable ECC event logging.
Mark DMI Events as Read	Highlight this item and press <Enter> to mark the DMI events as read.
Clear All DMI Event Logs	Select Yes and press <Enter> to clear all DMI event logs. The options are Yes and No .

Table 12. Console Redirection Submenu Menu Options

Menu Option	Description
COM Port Address	This item allows you to specify to redirect the console to Onboard COM A or Onboard COM B. This setting can also be Disabled .
BAUD Rate	This item allows you to select the BAUD rate for console redirection. The options are 300, 1200, 2400, 9600, 19.2K , 38.4K, 57.6K, and 115.2K.
Console Type	This item allows you to choose from the available options to select the console type for console redirection. The options are VT100, VT100 (8bit), PC-ANSI (7bit), PC ANSI , VT100+, and VT-UTF8.
Flow Control	This item allows you to choose from the available options to select the flow control for console redirection. The options are: None, XON/XOFF, and CTS/RTS .
Console Connection	This item allows you to choose select the console connection: either Direct or Via Modem.
Continue CR after POST	Choose whether to continue with console redirection after the POST routine. The options are On and Off .

Table 13. Hardware Monitor Submenu Menu Options

Menu Option	Description
CPU Temperature Threshold	This option allows the user to set a CPU temperature threshold that will activate the alarm system when the CPU temperature reaches this pre-set temperature threshold. The hardcode default setting is 80°C . The default setting for the Intel 5100 Series CPU is 75°C and for the 5000 Series CPU is 80°C .
► Temperature Monitoring (Available if supported by the CPU)	This function monitors the following PECI (Platform Environment Control Interface) items.
CPU1 Temperature	This setting monitors CPU1 temperature.
CPU1 Second Core	This setting monitors the CPU1 second core.
CPU2 Temperature	This setting monitors CPU2 temperature.
CPU2 Second Core	This setting monitors the CPU2 second core.
System Temperature	This setting monitors the System temperature.
Fan1-Fan6 Speeds	If the feature of Auto Fan Control is enabled, the BIOS will automatically display the status of the fans indicated in this item.

Table 13. Hardware Monitor Submenu Menu Options (Continued)

Menu Option	Description
<p>Fan Speed Control Modes</p>	<p>This feature allows you to decide how the system controls the speeds of the onboard fans. The CPU temperature and the fan speed are correlative. When the CPU on-die temperature increases, the fan speed will also increase, and vice versa.</p> <p>If the option is set to 3-PIN fan, the fan speed is controlled by voltage. If the option is set to 4-PIN, the fan speed will be controlled by Pulse Width Modulation (PWM).</p> <p>Select 3-PIN if your chassis came with 3-pin fan headers. Select 4-PIN if your chassis came with 4-pin fan headers. Select WORKSTATION if your system is used as a Workstation. Select SERVER if your system is used as a Server. Select Disable to disable the fan speed control function to allow the onboard fans to run at full speed (12V) at all times. The Options are: Disable, 3-pin (Server), 3-pin (Workstation), 4-pin (Server) and 4-pin (Workstation).</p>
<p>Voltage Monitoring</p>	<p>The following voltages are displayed:</p> <ul style="list-style-type: none"> • VcoreA • VcoreB • +1.8V • P1V5 • +3.3V • +12V • 5Vsb • 5VDD • P_VTT • Vbat <p>NOTE: In the Windows OS environment, the Supero Doctor III settings take precedence over the BIOS settings. When first installed, Supero Doctor III adopts the temperature threshold settings previously set in the BIOS. Any subsequent changes to these thresholds must be made within Supero Doctor, since the SD III settings override the BIOS settings. For the Windows OS to adopt the BIOS temperature threshold settings, please change the SDIII settings to be the same as those set in the BIOS.</p>

Notes

Table 14. IPMI Submenu Menu Options

Menu Option	Description
0IP0M00001 Specification Version	This item displays the current IPMI Version.
Firmware Version	This item displays the current Firmware Version.
System Event Logging	Select Enabled to enable IPMI Event Logging. When this function is set to Disabled, the system will continue to log events received via system interface. The options are Enabled and Disabled.
Clear System Event Logging	Enabling this function to force the BIOS to clear the system event logs during the next cold boot. The options are Enabled and Disabled .
Existing Event Log Number	This item displays the number of the existing event log.
►Event Log Control	Use this setting to configure event log controls.
System Firmware Progress	This function enables you to log POST progress. The options are Enabled and Disabled .
BIOS POST Errors	This function enables you to log POST errors. The options are Enabled and Disabled .
BIOS POST Watch Dog	Set to Enabled to enable POST Watch Dog. The options are Enabled and Disabled .
OS Boot Watch Dog	Set to Enabled to enable OS Boot Watch Dog. The options are Enabled and Disabled .
Timer for Loading OS (Minutes)	This feature allows the user to set the time value (in minutes) for the previous item: OS Boot Watch Dog by keying-in a desired number in the blank. The default setting is 10 (minutes.) NOTE: Please ignore this option when OS Boot Watch Dog is set to Disabled.
Time Out Option	This feature allows the user to determine what action to take in an event of a system boot failure. The options are No Action , RESET, POWER OFF and POWER CYCLES.

Security

Choose **Security** from the Phoenix BIOS Setup Utility main menu with the arrow keys. Security setting options are displayed by highlighting the setting using the arrow keys and pressing <ENTER>. All Security BIOS settings are described in [Table 15](#) below.

Table 15. Security Menu Options

Menu Option	Description
Supervisor Password Is:	This displays whether a supervisor password has been entered for the system. Clear means such a password has not been used and Set means a supervisor password has been entered for the system.
User Password Is:	This displays whether a user password has been entered for the system. Clear means such a password has not been used and Set means a user password has been entered for the system.
Set Supervisor Password	When the item "Set Supervisor Password" is highlighted, hit the <Enter> key. When prompted, type the Supervisor's password in the dialogue box to set or to change supervisor's password, which allows access to the BIOS.
Set User Password	When the item "Set User Password" is highlighted, hit the <Enter> key. When prompted, type the user's password in the dialogue box to set or to change the user's password, which allows access to the system at boot-up.
Password on Boot	This setting allows you to require a password to be entered when the system boots up. The options are Enabled (password required) and Disabled (password not required).

Boot

Choose **Boot** from the Phoenix BIOS Setup Utility main menu with the arrow keys. Highlighting a setting with a + or - will expand or collapse that entry. See details on how to change the order and specs of boot devices in the ITEM SPECIFIC HELP window.

Boot Priority Order/Excluded from Boot Order

Use the UP and DOWN arrow keys to select a device. Use a <+> key or a <-> key to move the device up or down. Use the <f> key or the <r> key to specify the devices. You can also use the keys indicated above to specify the priority of boot order of a device or to move items from the category of EXCLUDED FROM BOOT ORDER to the category of BOOT PRIORITY ORDER and vice versa. See details on how to change the priority of boot order of devices in the ITEM SPECIFIC HELP window.

Exit

Choose EXIT from the Phoenix BIOS Setup Utility main menu with the arrow keys. All Exit BIOS settings are described in [Table 16](#) below.

Table 16. Exit Menu Options

Menu Option	Description
Exit Saving Changes	Highlight this item and hit <Enter> to save any changes you made and to exit the BIOS Setup utility.
Exit Discarding Changes	Highlight this item and hit <Enter> to exit the BIOS Setup utility without saving any changes you may have made.
Load Setup Defaults	Highlight this item and hit <Enter> to load the default settings for all items in the BIOS Setup. These are the safest settings to use.
Discard Changes	Highlight this item and hit <Enter> to discard (cancel) any changes you made. You will remain in the Setup utility.
Save Changes	Highlight this item and hit <Enter> to save any changes you made. You will remain in the Setup utility.