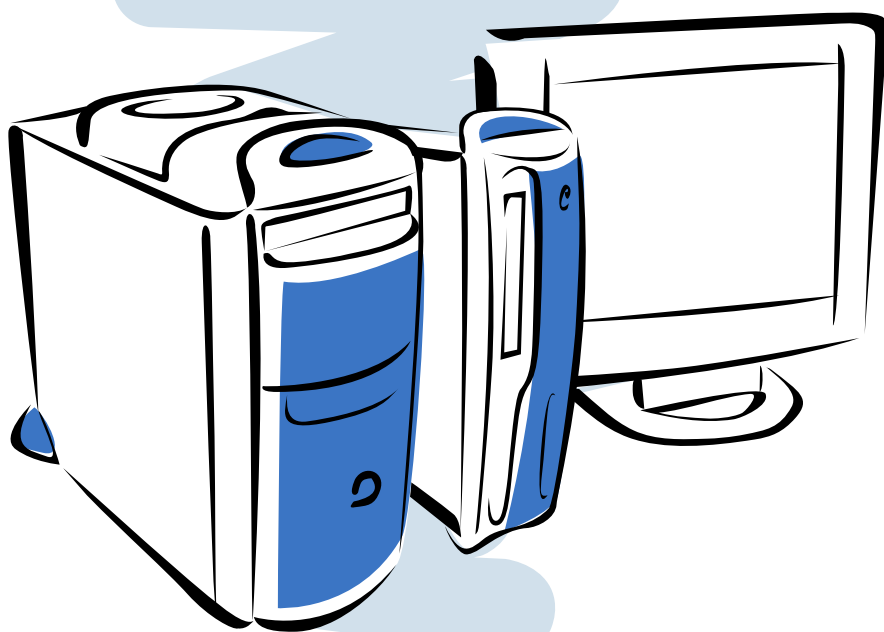


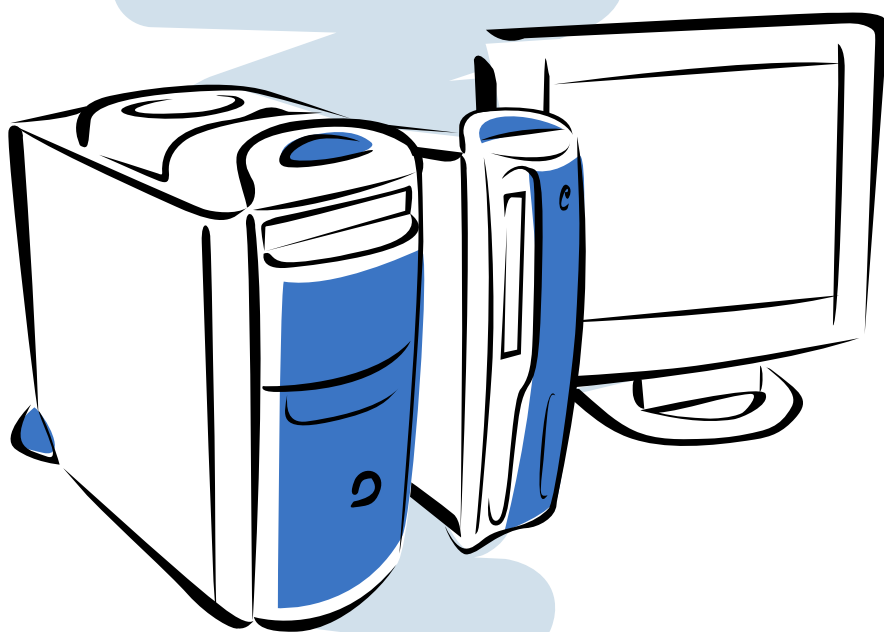
Aspire series



User's guide

acer

Aspire series



User's guide

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Welcome

Congratulations on purchasing your new Aspire computer! You now have the convenience and flexibility of a full-featured multimedia PC, offering increased productivity combined with first class digital entertainment.

Incorporating the latest Microsoft® Windows® XP operating system, your Aspire offers a host of functions designed to improve your computing experience.

Major Benefits

Your new Aspire computer enables you to do the following:

- Use the latest productivity software to perform a range of office tasks, such as word processing, working with financial spreadsheets and creating presentations.
- Maximize your use of the Internet by downloading and playing exciting new multimedia files.
- Enjoy your audio CDs, even when you are not using your computer for other tasks.
- Delight in using a stylish new PC that offers convenient connections for the latest peripherals.

Before You Start

To ensure that you can use your computer safely and correctly, please read this user guide carefully before you start. For future reference, keep this user guide handy at all times.

Safety Instructions

- Follow all warnings and instructions marked on your computer.
- Do not attempt to service your computer yourself. Refer servicing to qualified personnel.
- Unplug your computer and monitor from the wall outlet before cleaning or before opening the case.
- Clean your computer case and monitor with a damp cloth. Do not use liquid or aerosol cleaners.
- Do not use your computer near water. Never spill liquid of any kind on your computer.
- Do not place your computer on an unstable surface.
- Do not expose your computer to a heat source or leave it in direct sunlight for a prolonged period of time.
- Do not cover or block any ventilation slots in the case. Also, ensure the room has adequate ventilation.
- Never push objects of any kind into your computer.
- Do not allow anything to rest on the power cord. Do not locate your computer where anyone will walk on the power cord.
- Your computer should be operated from the type of power indicated on the marking label. If you are unsure of the type of power available, consult your dealer or local power company.
- Your computer is designed for connection to a grounded (earthed) outlet. Do not disable this important safety feature.
- If a power strip is used, make sure that the total ampere rating of the equipment does not exceed the power strip ampere rating. Use a power strip with surge protection.

- If your computer causes interference to radio or television reception, try one or more of the following measures:
 - Reorient or relocate the radio or television antenna.
 - Increase the distance between your computer and the radio or television receiver.
 - Connect your computer into an outlet on a circuit different from that to which the radio or television is connected.
 - Consult your dealer or an experienced radio/TV technician for more help.

Setting Up The System

It only takes a few minutes to set up your new Aspire system. Start by preparing your workspace. Make sure that the surface is stable, level and clean.

Open the box carefully, ensuring that you do not damage the box or any of the other packing materials. The box will be required if you ever have to store or ship your computer. Unpack the box and set out the contents on your work surface.

The package contains an Out Of Box Experience (OOBE) poster. Refer to the OOBE poster for a step-by-step guide to setting up your computer system.

Placement Tips

- For maximum viewing comfort, set up your monitor at arm's length from your seat, with the top third of the screen at eye level. Tilt and swivel the display to find the optimum position.
- Place your mouse and keyboard side by side in front of the monitor. Check that you are able to adopt a comfortable typing position.
- Choose a chair that can be adjusted for maximum comfort.
- Make sure your work area is well lit.

System Overview

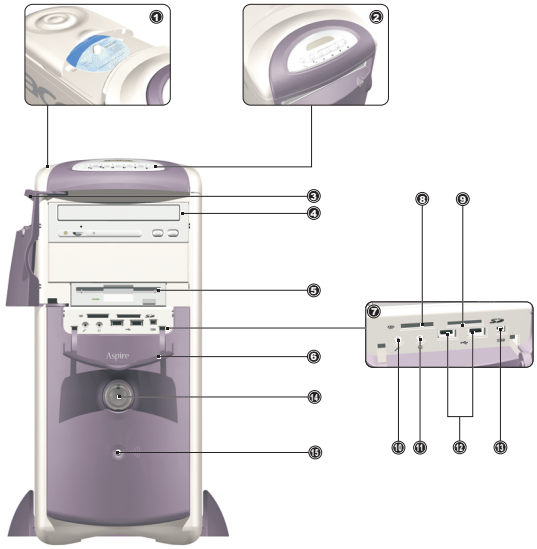
Take a few moments to study your new Aspire computer system. Learn the locations of the buttons, ports and other hardware features.

Computer Front View

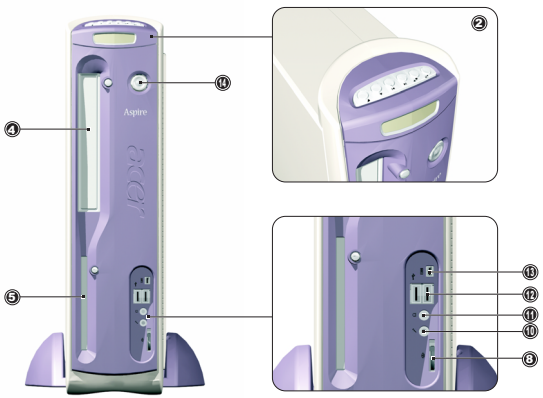
No	Description
1	CD Storage Unit*
2	Audio DJ
3	Drive Door*
4	CD-ROM/DVD/CD-RW Drive
5	FDD Drive
6	Front Port Bay Door*
7	Front Port Bay
8	Memory Stick Reader
9	SD/MMC Reader*
10	Microphone-in Port
11	Speaker/ Headphone Port
12	USB Port
13	1394 Port
14	Power Button
15	Wireless Connect Button*

* Only applies to Aspire G600P.

Aspire G600P



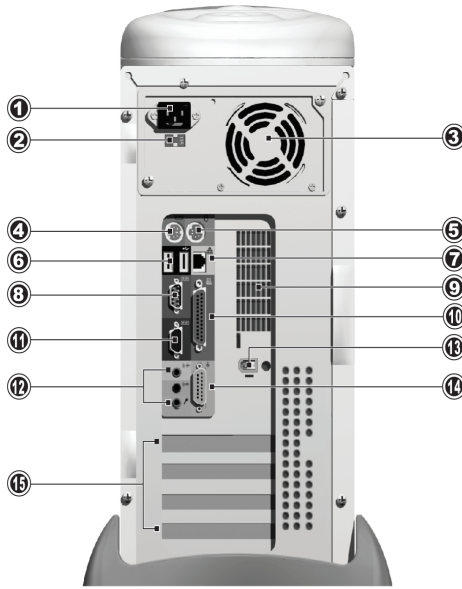
Aspire M500P



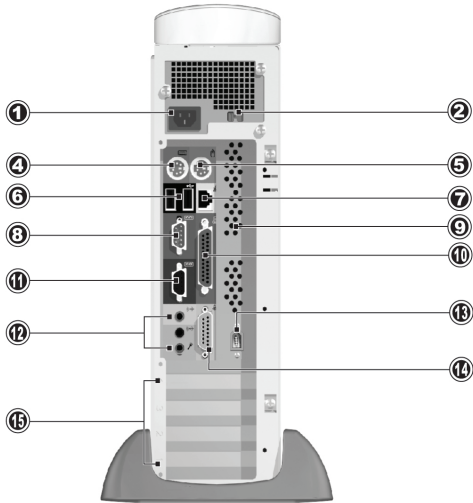
Computer Rear View

No.	Description
1	Power Jack
2	Voltage Selector Switch
3	Fan
4	PS/2 Keyboard Port
5	PS/2 Mouse Port
6	USB Port
7	Lan Port
8	Serial Port
9	Ventilation slot
10	Parallel Port
11	VGA Port
12	Audio Ports
13	1394 Port
14	Game Port
15	PCI Card slots

Aspire G600P



Aspire M500P



System Components

- **Monitor** - refer to page 13
- **Keyboard** - refer to page 9
- **Mouse** - refer to page 6
- **Speakers** - refer to page 12

System Components

Your Aspire computer system is made up of several components. These include the computer itself, the monitor, keyboard, mouse and speakers. This section provides a brief description of the main component features.

The Mouse


The pointing device included in your Aspire computer system is an optical mouse. Unlike a traditional mouse that requires the use of a mouse pad for its ball system to work effectively, an optical mouse can be used on almost any surface. This allows you to operate your mouse anywhere in the vicinity of your computer - an important advantage on a cluttered desktop.

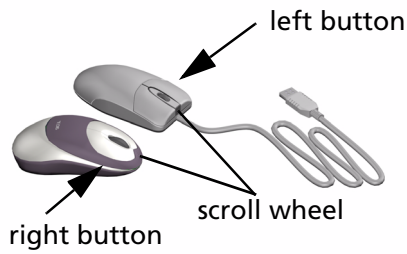
Your optical mouse works by continuously bouncing a small beam of light off the surface on which it is being operated. The information from the returning light beams is read by the mouse and transmitted to the computer. In this way, your computer is able to calculate the precise movements of the mouse.

Although your mouse can be used effectively on most surfaces, highly reflective materials, such as glass or metal, can distort the light signal. If you wish to operate your mouse on a reflective surface you should first cover the surface with a non-reflective object, such as a book or a sheet of paper.

Two types of optical mouse are available: a standard corded mouse and a cordless mouse. The type of mouse included in your system depends on the system model you purchased.

Your mouse features standard controls: two buttons and a scroll wheel for convenient navigation in documents and web pages.

For more help with operating your mouse, see the mouse configuration help  on the taskbar.



Corded Mouse

If your Aspire computer system includes a corded mouse, you should connect the cord to one of the computer's USB ports. See the OOBE poster for guidance.




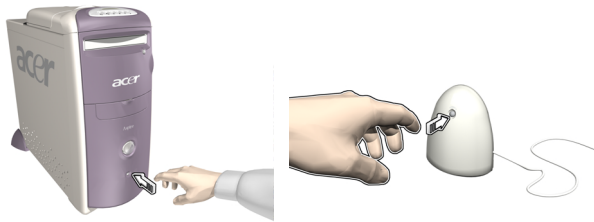
Cordless Mouse

A cordless mouse provides the freedom to change your work position without having to cope with an obstructed or tangled cord.

If your Aspire computer system includes a cordless mouse, you must allow the mouse and computer to establish radio communication.

Before using your cordless mouse for the first time, make sure that the batteries are correctly installed. With the computer turned on and the Windows operating system running, move the mouse within range (not more than 2 meters/6 feet) of the computer. Windows should detect the radio signal and begin using the mouse. If Windows fails to detect the mouse, pls follow below steps:

step 1: If you bought Aspire G600P, press the connect button  on the front of the computer; If you bought Aspire M500P, press the connect button on the receiver.



step 2: Press the connect button on the mouse.



connect button



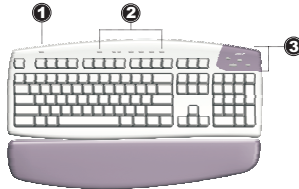
Note: When your cordless mouse is running out of batteries, a pop-up window will remind you to recharge it.

The Keyboard

Your Aspire computer system features a multimedia keyboard, providing one-touch control for the most important multimedia functions, as well as instant access to your favorite websites.





Your keyboard features a standard set of keys, including 12 function keys, four cursor direction keys and a numeric keypad.


The multimedia keys provide the following functions:



No.	Description
1	Suspend
2	Multimedia control
3	Programmable Keys

The programmable hot keys can be set to open any website or any application on your computer. When you purchase your Aspire, the hot keys will have the following default settings:

-  Home - opens your Internet home page.
-  Email - launches the email application.
-  Go - opens an application or website of your choice.
-  Search - opens the Internet search engine.

See the iTouch configuration help  on the taskbar for help with operating your keyboard or for guidance on reprogramming the hot keys.

Two types of multimedia keyboard are available: a standard corded keyboard and a cordless keyboard. The type of keyboard included in your system depends on the system model you purchased.

Corded Keyboard

If your Aspire computer system includes a corded keyboard, you should connect the cord to the PS/2 keyboard port at the back of the computer before starting Windows. See the OOBE poster for guidance...




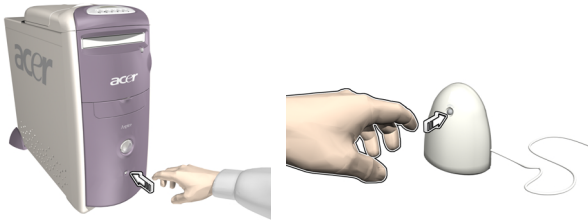
Cordless Keyboard

A cordless keyboard allows greater freedom of movement. This means you can easily reposition your keyboard to suit your changing workspace arrangement.

If your Aspire computer system includes a cordless keyboard, you must allow the keyboard and computer to establish radio communication.

Before using your cordless keyboard for the first time, make sure that the batteries are correctly installed. With the computer turned on and the Windows operating system running, move the keyboard within range (not more than 2 meters/6 feet) of the computer. Windows should detect the radio signal and begin using the keyboard. If Windows fails to detect the keyboard, pls follow below steps:

step 1: If you bought Aspire G600P, press the connect button  on the front of the computer; If you bought Aspire M500P, press the connect button on the receiver.



step 2: Press the connect button on the keyboard.



Note: When your cordless keyboard is running out of batteries, a pop-up window will remind you to recharge it.



The Speakers

Your Aspire computer system comes with a set of speakers designed to maximize your enjoyment of audio CDs and exciting new multimedia. Plug your speakers into the speaker-out port at the back of your computer. Refer to the OOBE poster for more guidance with connecting the speakers. For more information on using your speakers, refer to the included manual.



The Monitor

Your Aspire computer system includes a monitor designed to provide high quality visual images. The size and type of monitor included in your system depends on the system model you purchased. Plug your monitor into the VGA port at the back of your computer. Refer to the OOB poster for more guidance with connecting the monitor. For more information on using your monitor, refer to the included manual..



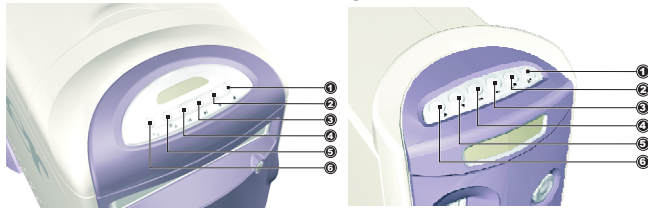
Audio DJ

Audio DJ offers all the convenience of an audio CD player, enabling you to play your favorite music CDs even when your computer is in power-off mode.

Operate Audio DJ as follows:

- Press any of the six buttons to turn the unit on. If a CD is already loaded, the number of tracks will be displayed on the display panel.
- Press the Stop/Eject button, and then load a CD into the CD/DVD drive. Push the drawer to close it.
- Press the Play/Pause button to start playing the CD.
- Use the other buttons to control the playing of the CD.
- "SP" will be displayed when Audio DJ is turned off.

Audio DJ features the following control buttons:



No.	Description
1	Volume Up
2	Volume Down
3	Next Track
4	Previous Track
5	Stop/Eject
6	Play/Pause

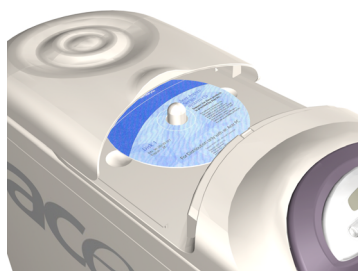
Audio DJ is automatically turned off after a short period of inactivity. Press any of the six buttons to reactivate the unit. You can continue using Audio DJ to play CDs after you turn the computer on. Alternatively you can use the computer's

on-board audio system by running a music player application such as Windows Media Player.

CD Storage Unit

Your Aspire computer provides a useful CD storage unit, allowing you to keep your most frequently used CDs handy for quick loading.

- Open and close the unit by gently sliding the cover on its tracks.
- Stack your CDs (without their jewel cases) on the spindle. Do not exceed the height of the spindle.



3-in-1 Flash Card Readers

The front port bay provides two 3-in-1 Flash Card readers, greatly enhancing the functionality of your Aspire computer. The readers accept the following cards:

Memory Stick

Memory Stick is a flash memory card from Sony that was originally designed for handheld digital appliances such as cameras and camcorders. The tiny module measures just 21.5mm x 50mm x 2.8mm.

Multimedia Card (MMC)

MMC is a storage module used in small handheld devices such as cell phones, pagers and PDAs. The ultra-small card measures 24mm x 32mm x 1.4mm and weighs less than two grams. Currently, the maximum available storage capacity for these cards is 64MB, with a 128MB version expected soon.

SD Card

SD (Secure Digital) Card provides secure storage for handheld devices such as cell phones and PDAs. It has the same form factor as the Multimedia Card, but is slightly thicker (2.1mm). Although its encryption capability supports security and content protection applications, its fast data transfer rate (10Mbytes/sec) has made it ideally suited for regular flash memory storage.

Using Flash Cards

- To load a Flash Card, simply push the card into one of the two slots. Windows will automatically detect the card's presence.



- To remove a Flash Card, gently push the edge of the card to disengage it from the reader, and then pull it from the slot. Windows will automatically detect the card's removal.



TV Tuner (Optional)

Some models include a TV Tuner card, located in one of the PCI card slots at the back of the computer. The TV Tuner enables you to connect a standard television cable to your computer, allowing you to receive a television signal.

The included PowerVCR software allows you to watch TV and record programs, with the added benefit of time-shifting playback.

PowerVCR can accept an analogue or cable TV signal. It can also play and record content from VCR and camcorders (Hi8 and V8), digital camcorders (DV) and PC cameras.

Refer to the PowerVCR online help for detailed instructions on using the application.

Watching TV

PowerVCR provides a number pad for channel selection, as well as standard channel changing controls. In addition, **Auto Scan** searches for available channels.

To help in your selection of a channel, the channel surfing feature allows you to preview sixteen channels simultaneously. Click on **Surf Channels** to display a page of preview channels arranged in a 4 x 4 grid. **Next Page** and **Previous Page** controls allow you to display alternative pages of preview channels, while **Auto Page** continuously refreshes the display with new pages.

To select a channel, click on the preview window for that channel. The channel will then appear in normal display mode. Alternatively, click **Cancel Surfing** to exit the channel surfing feature.

Recording

Record functions include snapshot capture, instant playback with pause and slow motion, scheduled recording, and recording reminders when the HDD is approaching full capacity.

To capture a snapshot of the display, simply click on the snapshot button while watching TV. The image will be stored in the folder specified under the **Snapshot** tab in **System Settings**.

To start the instant replay feature, click on it in the master panel while watching TV. **Forward**, **Rewind** and **Pause** controls enable you to navigate, or you can drag the **slider** control to move between frames more quickly.

To record a program while you watch TV, simply click on **Record** to start, and then click on **Stop** when you want to finish. Clicking on the record button during recording displays the timer, enabling you to select a fixed time period after which recording will stop automatically. After recording, the playlist will appear, allowing you to save the file.

To schedule recording for a time when you will be away from the computer, switch to the **Recording Scheduler** mode. The scheduling wizard will appear, guiding you through the selection of settings required to set up the scheduler.

Time-shifting Playback

The time shifting function enables you to watch an earlier segment of a live program while PowerVCR continues to record in real-time. This means that you can:

- Join a program after it has begun without missing the start.
- Pause watching a live program when you have to take a break, and then restart your viewing in the place where you left off.

To enable time shifting, just press **Instant TV Replay** on the left panel of Power VCR, then the system will start to record the program in background. You can playback at any time by moving the **slider** or use the **Forward**, **Rewind** and **Pause** controls.

For more information on TV function, refer to the PowerVCR on-line-help.

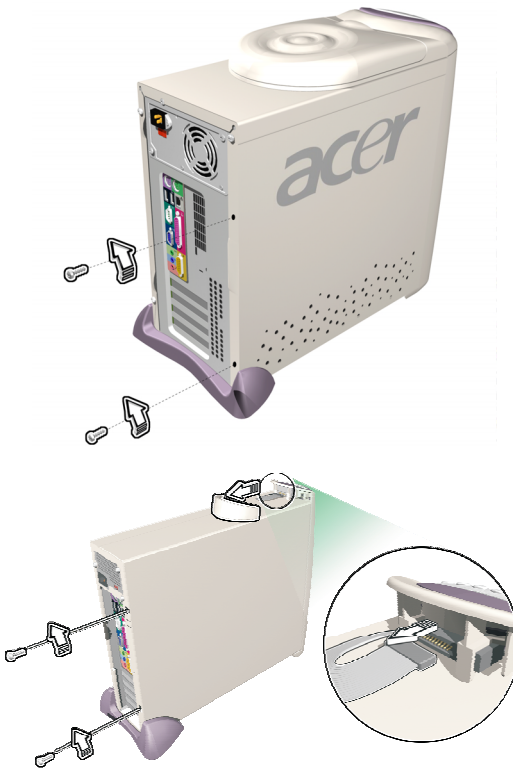
Upgrading Your System

You can quickly and easily expand your Aspire computer system by adding additional components. Alternatively, you can upgrade existing components to provide enhanced performance.

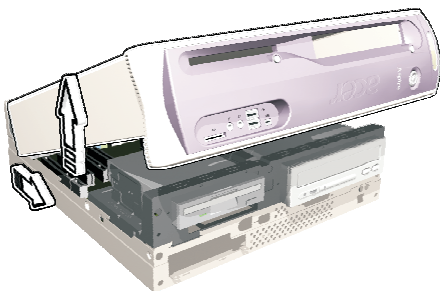
Opening The Case

Before you open the case, turn your computer off and unplug the power cord from the wall outlet.

- Remove the plastic footing base.
- Remove the retaining screws to release the cover panel.



- Slide the cover panel off.



Installing New Components

Make sure you only use components that are compatible with your Aspire computer. Consult your dealer about the suitability of new components before you purchase them.

To ensure correct installation, refer to the documentation that comes with your new components before you start to add or replace components. Possible upgrade options include the following:

- Replace the HDD with a higher capacity model, or add a second HDD.
- Install additional memory.
- Install a graphics card as a substitute for the embedded graphics subsystem.
- Replace the CD drive with a DVD or CD-RW drive.
- Install an add-on card, such as a fax/modem card, in one of the empty PCI slots.

BIOS Settings

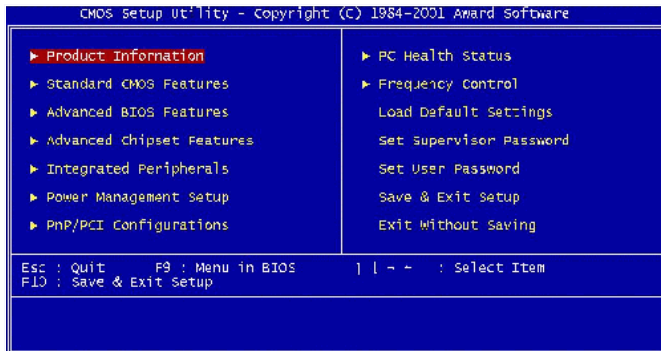
The BIOS Setup utility is a hardware configuration program built into your computer's Basic Input/Output System (BIOS). Since most computers are already properly configured and optimized, there is no need to run this utility. However, if you encounter configuration problems and get the "Run Setup" message, you will need to run this utility.



Note: To maintain optimal computer performance, it is recommended that you retain the default system configurations in the BIOS Setup utility. If you want to adjust these configurations, contact your dealer or qualified service technician for assistance.

Entering Setup

Power on the computer to start the system POST (Power On Self Test) process. While booting, press the key combination **Ctrl+Alt+Esc** simultaneously. The "Setup Utility" Main menu then appears:



Note: Choose **Load Default Settings** for best performance with light system loading.

The section at the bottom of the screen tells how to control the screen. Use the arrow keys to move between items, **ESC** to exit, and **F10** to save the changes and exit. Another

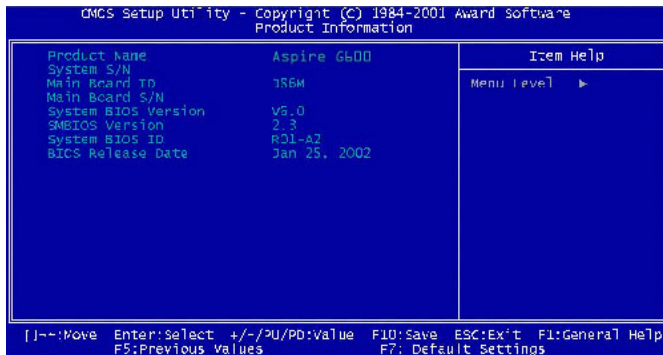
section at the bottom of the screen displays a brief description of the highlighted item. After selecting an item, press **Enter** to select it or enter a submenu.

The parameters on the screens show default values. These values may not be the same as those in your system.

The grayed out items on the screens have fixed settings and are not user-configurable.

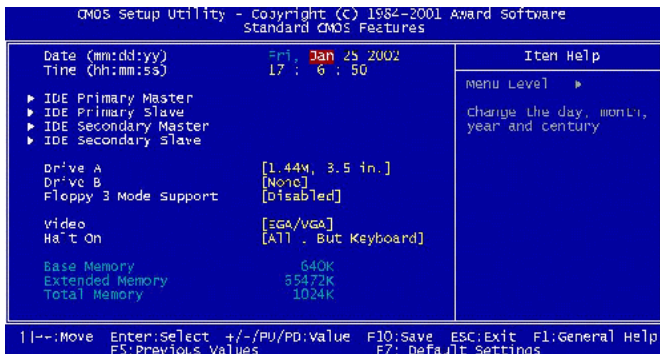
Product Information

This screen displays information about your system, like the product name, serial number, mainboard ID, mainboard serial number, BIOS version, etc. These entries are for your reference only and cannot be changed.



Standard CMOS Features

The Standard CMOS Features screen displays the system's basic parameters such as the date, time, and the hard disk type. Use the arrow keys to highlight an item and the **PgUp** or **PgDn** keys to select a value for each item.



The following table describes the parameters found on this submenu. The settings in boldface are the default and suggested settings.

Parameter	Description	Format/ Options
Date	Lets you set the date following the weekday-month-day-year format.	Weekday: Sun, Mon...Sat Month: Jan, Feb...Dec Day: 1 to 31 Year: 1980 to 2079
Time	Lets you set the time following the hour-minute-second format.	Hour: 0 to 23 Minute: 0 to 59 Second: 0 to 59
IDE Primary Master	Lets you configure the drive connected to the master port of IDE channel 1. To enter the IDE Primary Master setup, press Enter. The IDE CD-ROM is always automatically detected.	[IDE Device Model Number] None
IDE Primary Slave	Lets you configure the drive connected to the slave port of IDE channel 1. To enter the IDE Primary Slave setup, press Enter. The IDE CD-ROM is always automatically detected.	[IDE Device Model Number] None
IDE Secondary Master	Lets you configure the drive connected to the master port of IDE channel 2. To enter the IDE Secondary Master setup, press Enter. The IDE CD-ROM is always automatically detected.	[IDE Device Model Number] None
IDE Secondary Slave	Lets you configure the drive connected to the slave port of IDE channel 2. To enter the IDE Secondary Slave setup, press Enter. The IDE CD-ROM is always automatically detected.	[IDE Device Model Number] None

Drive A	Allows you to configure floppy drive A.	1.44 MB, 3.5-inch None 360 KB, 5.25-inch 1.2 MB, 5.25-inch 720 KB, 3.5-inch 2.88 MB, 3.5-inch
Drive B	Allows you to configure floppy drive B (if one is present).	None 360 KB, 5.25-inch 1.2 MB, 5.25-inch 720 KB, 3.5-inch 1.44 MB, 3.5-inch 2.88 MB, 3.5-inch
Floppy 3 Mode Support	Allows your floppy drive(s) to run in three modes including 2.88 MB mode.	Both Drive A Drive B Disabled
Video	Specifies the type of video card in use. The default setting is EGA/VGA. Since current PCs use VGA only, this function may be disregarded in the future.	EGA/VGA CGA 40 CGA 80 Mono
Halt On	Enables you to control the system stops in case of Power-on self-test (POST) errors.	All Errors No Errors All, But Keyboard All, But Diskette All, But Disk/Key
Base Memory	Refers to the portion of memory that is available to standard DOS programs. DOS systems have an address space of 1 MB, but the top 384 KB (called high memory) is reserved for system use. This leaves 640 KB of conventional memory. Everything above 1 MB is either extended or expanded memory.	
Extended Memory	Refers to memory above and beyond the standard 1 MB base memory that DOS supports. Extended memory is only available in PCs with an Intel 80286 or later microprocessor. Extended memory is not configured in any special manner and is therefore unavailable to most DOS programs. However, Windows and OS/2 can use extended memory.	

Total Memory	Shows the total base and extended memory available on the system. The memory size is automatically detected by BIOS during the power-on self test (POST). If you install additional memory, the computer automatically adjusts this parameter to display the new memory size.	
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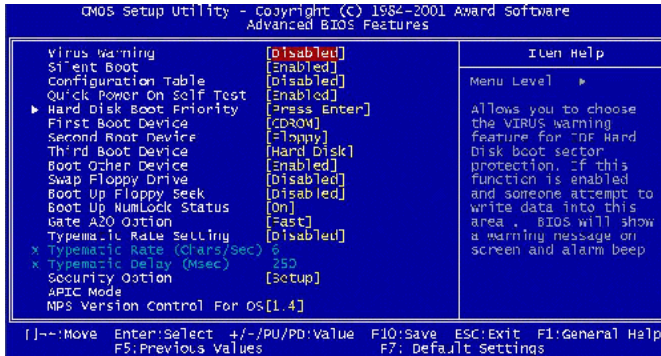
IDE Primary Master/Slave and IDE Secondary Master/Slave Setup

The following table describes the parameters found on this submenu. The settings in boldface are the default and suggested settings.

Item	Description	Format/Options
IDE HDD Auto-Detection	Auto-detects your hard disk.	[Press Enter]
IDE Primary Master	Displays the device type.	Auto None Manual
Access Mode	Selects the hard disk access mode.	Auto Large LBA CHS
Capacity	Shows the size of your hard disk in MB.	xxxxx MB
Cylinder	Shows the number of cylinders in your hard disk.	0 to 65535
Head	Shows the number of heads in your hard disk.	0 to 255
Precomp	Selects the Precomp number for old hard disk parking	0 to 65535
Landing Zone	Selects the Landing Zone number for old hard disk parking.	0 to 65535
Sector	Shows the number of sectors in your hard disk.	0 to 255

Advanced BIOS Features

The following screen appears if you select Advanced BIOS Features from the Main menu:



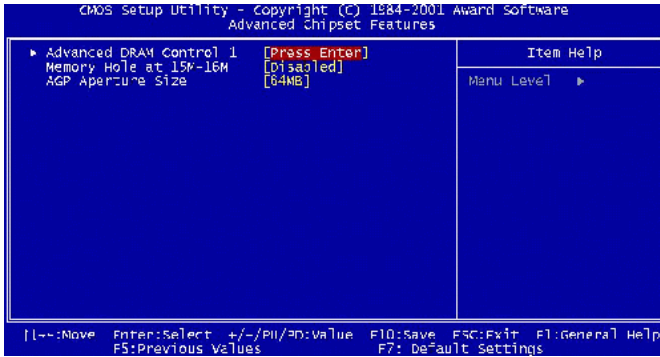
The following table describes the parameters found on this submenu. The settings in boldface are the default and suggested settings.

Parameter	Description	Format/Options
Virus Warning	Allows you to choose the Virus warning feature for the IDE hard disk boot sector protection. If this function is enabled and someone attempt to write data into this area, BIOS will show a warning message on screen and issue an alarm beep.	Enabled Disabled
Quick Power On Self Test	Speeds up POST by skipping some items that are normally checked.	Enabled Disabled
Silent Boot	Allows you to set if the system logo will be displayed during system boot up.	Enabled Disabled
Configuration Table	When enabled, displays the preboot system configuration table.	Enabled Disabled
First Boot Device	Allows you to specify the first device in the system boot up search sequence.	CDROM Floppy HDD

Second Boot Device	Allows you to specify the second device in the system boot up search sequence.	Floppy CDROM HDD
Third Boot Device	Allows you to specify the third device in the system boot up search sequence.	HDD Floppy CDROM
Boot Other Device	Allows you to specify the other device in the system boot up search sequence.	Enabled Disabled
Security Option	<p>Use this option to set the access limit to the System and Setup utility or just to the Setup utility.</p> <p>System. Password prompt will occur both during boot up (User Password) and when all attempt to enter the Setup utility (Supervisor Password) is made. Attempt to boot up/ access Setup will be denied if the correct password is not entered at the prompt.</p> <p>Setup. Password prompt (Supervisor Password) will occur only during the attempt to enter the Setup utility. Access to Setup will be denied if the correct password is not entered at the prompt.</p> <p>To disable the Security Option, select Set Supervisor Password or Set User Password from the Main menu, do not type anything on the "Enter password" field, then press Enter.</p>	System Setup

Advanced Chipset Features

The following screen appears if you select Advanced Chipset Features from the Main menu:

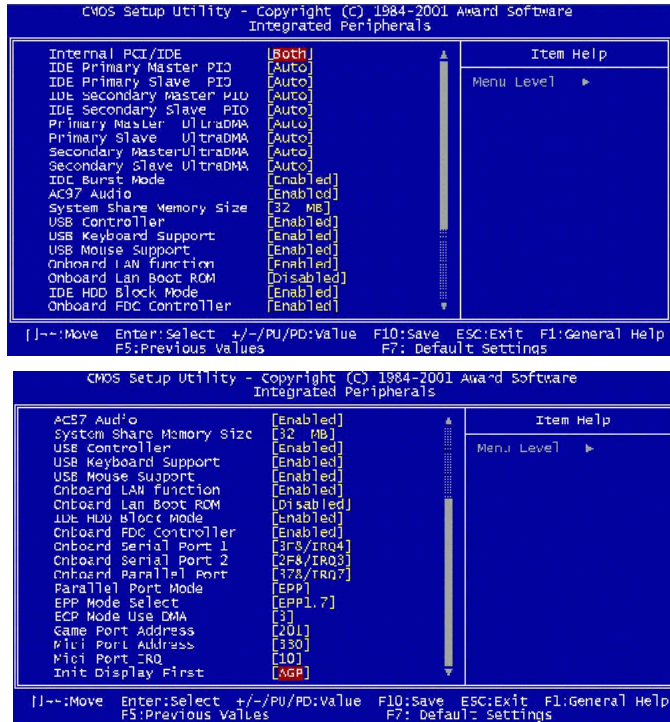


The following table describes the parameters found on this submenu. The settings in boldface are the default and suggested settings.

Parameter	Description	Format/Options
Memory Hole at 15M-16M	Lets you reserve system memory area for special ISA cards. The chipset accesses code/data these areas from the ISA bus directly. Normally, these areas are reserved for memory mapped I/O cards.	Disabled Enabled
AGP Aperture Size (MB)	Lets you determine the effective size of the AGP Graphic Aperture.	64 4 8 16 32 128 256

Integrated Peripherals

The following screen appears if you select Integrated Peripherals from the Main menu:



The following table describes the parameters found on this submenu. The settings in **boldface** are the default and suggested parameter settings.

Parameter	Description	Options
On-Chip Primary PCI IDE On-Chip Secondary PCI IDE	These parameters let you enable or disable the IDE devices connected to the primary and secondary IDE connectors.	Enabled Disabled

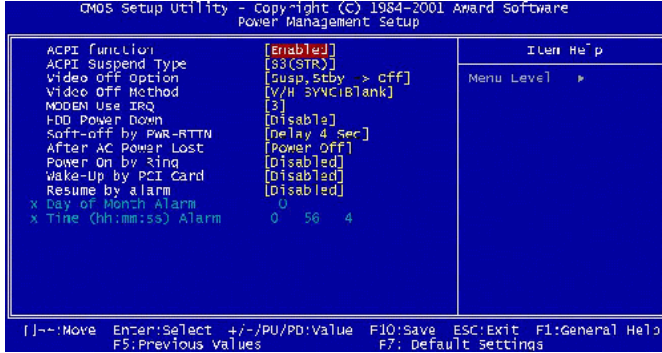
<p>IDE Primary Master PIO IDE Primary Slave PIO IDE Secondary Master PIO IDE Secondary Slave PIO</p>	<p>These four IDE PIO (Programmed Input/Output) fields let you set the PIO mode for each of the four IDE devices supported by the onboard IDE interface. The PIO mode specifies the data transfer rate of the hard disk. For example: mode 0 data transfer rate is 3.3 MB/s, mode 1 is 5.2 MB/s, mode 2 is 8.3 MB/s, mode 3 is 11.1 MB/s and mode 4 is 16.6 MB/s.</p> <p>Setting these items to Auto activates the hard disk speed auto-detect function. If your hard disk performance becomes unstable, you may manually set the system to a slower mode.</p> <p>Caution: It is recommended that you connect the first IDE device of each channel to the endmost connector of the IDE cable.</p>	<p>Auto Mode 1 Mode 2 Mode 3 Mode 4</p>
<p>IDE Primary Master UDMA IDE Primary Slave UDMA IDE Secondary Master UDMA IDE Secondary Slave UDMA</p>	<p>These four UDMA (Ultra Direct Memory Access) fields let you set the UDMA mode supported by the hard disk connected to your primary and secondary IDE connectors.</p>	<p>Auto Disabled</p>
<p>USB Controller</p>	<p>Enables or disables the on-chip USB.</p>	<p>Enabled Disabled</p>
<p>USB Keyboard Support</p>	<p>Enables or disables the USB keyboard driver on the onboard BIOS. The keyboard driver simulates legacy keyboard commands and lets you use a USB keyboard during POST or after boot if you don't have a USB driver in the operating system.</p>	<p>Enabled Disabled</p>
<p>USB Mouse Support</p>	<p>Enables or disables the USB mouse driver on the onboard BIOS. The mouse driver simulates legacy mouse commands and lets you use a USB mouse during POST or after boot if you don't have a USB driver in the operating system.</p>	<p>Enabled Disabled</p>
<p>Init Display First</p>	<p>If you installed both a PCI VGA card and an AGP card, this item lets you decide which one is to be used as the initial display card.</p>	<p>PCI AGP</p>

AC97 Audio	Enables or disables the on-die AC97 Audio if there is no add-on PCI Audio device.	Auto Disabled
IDE HDD Block Mode	Enabling this item enhances disk performance by allowing multiselector data transfers and eliminating the interrupt handling time for each sector. Most IDE drives, except those with old designs, can support this feature.	Enabled Disabled
Onboard FDC Controller	Enable this option if your system has an onboard FDC (floppy disk controller) and you wish to use it. If what you have installed is an add-on FDC or your system has no FDC, disable this option.	Enabled Disabled
Onboard Serial Port 1	Use this option to select an address and corresponding interrupt for the first serial port.	3F8/IRQ4 Auto 2F8/IRQ3 3E8/IRQ4 2E8/IRQ3 Disabled
Onboard Serial Port 2	Use this option to select an address and corresponding interrupt for the second serial port.	2F8/IRQ3 Auto 3F8/IRQ4 3E8/IRQ4 2E8/IRQ3 Disabled
Onboard Parallel Port	This item controls the address and corresponding interrupt of the onboard parallel port. Note: <i>If you are using an I/O card with a parallel port, make sure that the addresses and IRQs do not conflict.</i>	378/IRQ7 3BC/IRQ7 278/IRQ7 Disabled
ECP Mode Use DMA	Use this option to select a DMA channel for the parallel port while in an ECP mode.	3 1
Game Port Address	Use these option to set the I/O base address for the game port.	201 209 Disabled
Midi Port Address	Use these option to set the I/O base address for the MIDI port.	330 300 Disabled
Midi Port IRQ	Use this option to set the IRQ (interrupt request) channel for the MIDI port.	10 5

Power Management Setup

The Power Management menu lets you configure the computer power-management feature.

The following screen shows the Power Management parameters and their default settings:



Settings in boldface are the default and suggested settings.

Parameter	Description	Format/Options
Power Management	Allows you to set the default parameters for power-saving modes. Set it to Disable to turn off the power management function. Set it to User Define to choose your own parameters. See the table on Power Management Mode.	User Define Max Saving Min Saving Disabled
Suspend Mode	Lets you set the period of time after which the system enters into Suspend mode.	Disabled 1 min. 2 min. 4 min. 8 min. 12 min. 20 min. 30 min. 40 min. 1 Hour
HDD Power Down	Lets you specify the hard disk idle time before it enters the power down state.	Disabled 1 min. 15 min.

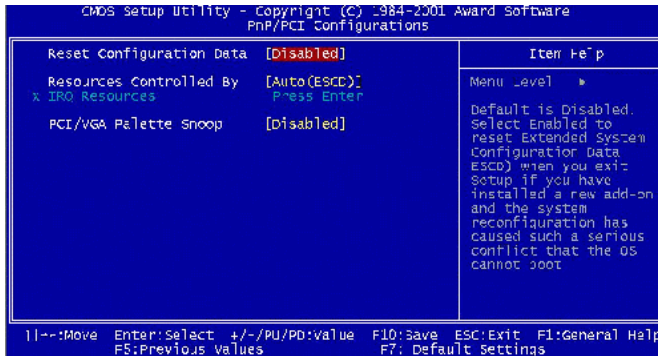
Soft-Off by PWR-BTTN	<p>Use this option to determine the manner by which the system enters the soft-off state after pressing the power button for more than 4 seconds.</p> <p>Delay 4 sec. The power button can be used to power on/off and enter suspend mode. If the button is pressed for less than 4 seconds during power on, the system will go into Suspend mode. If the switch is pressed for longer than 4 sec, the system will be turned off.</p> <p>Instant-Off. The power button is only used to control power on and off; the 4 seconds condition is not applicable as Suspend mode is disabled.</p>	<p>Delay 4 sec. Instant-Off</p>
Power On by Ring	When Enabled, any fax/modem activity wakes up the system from suspend mode.	<p>Enabled Disabled</p>
USB KB Wake-up From S3	When Enabled, any USB keyboard activity wakes up the system from S3 (STR, Suspend To RAM) mode.	<p>Enabled Disabled</p>
PWRON After PWR-Fail	<p>Allows you to set the manner by which the system will power on after power failure. Former-Sts (former status)-System will power on and resume to its former running state before the power failure occurred.</p> <p>On - System will resume to full on after power failure. Off - System will remain off.</p>	<p>Former-Sts On Off</p>
Resume by Alarm	<p>Allows you to set the date and time for your computer to boot up.</p> <p>Date (of month) Alarm - Indicate month when system will boot up. Set to 0 if you want to boot everyday.</p> <p>Time (hh:mm:ss) Alarm - Indicate the hour, minute and second when system will boot up.</p>	<p>Disabled Enabled</p>

Power Management Mode Table

Mode	Doze	Standby	Suspend	HDD Power Down
Max Saving	1 hour	1 hour	1 hour	15 min.
Min Saving	1 min.	1min.	1 min.	1 min.

PnP/PCI Configurations

The PnP/PCI Configurations submenu allows you to specify the settings for your PCI devices. Selecting this option displays the screen below:



The following table describes the parameters found on this submenu. The settings in boldface are the default and suggested settings.

Parameter	Description	Format/Options
Reset Configuration Data	When you install a new add-on card and the system configuration caused a serious conflict resulting in a nonbootable operating system, set this parameter to Enabled to reset the Extended System Configuration Data (ESCD).	Disabled Enabled
Resources Controlled By	Setting this parameter to Manual allows you to individually assign the IRQs and DMAs to the ISA and PCI devices. Set this parameter to Auto enables the auto-configuration function.	Auto (ESCD) Manual

<p>IRQ Resources IRQ3 (COM2) IRQ4 (COM1) IRQ5 (Network/Sound or Others) IRQ7 (Printer or Others) IRQ9 (Video or Others) IRQ10 (SCSI or Others) IRQ11 (SCSI or Others) IRQ12 (PS/2 Mouse) IRQ14 (IDE1) IRQ15 (IDE2)</p>	<p>If your ISA card is not PnP-compatible and requires a special IRQ to support its function, set the selected IRQ to Legacy ISA. This setting informs the PnP BIOS to reserve the selected IRQ for the installed legacy ISA card. The default is PCI/ISA PnP. Take note that PCI cards are always PnP-compatible (except old PCI IDE cards).</p>	<p>PCI Device Reserved</p>
<p>PCI/VGA Palette Snoop</p>	<p>Lets you use the palette snooping feature if you installed more than one VGA card in the system. The PVI/VGA palette snoop function allows the control palette register (CPR) to manage and update the VGA RAM DAC (Digital Analog Converter, a color data storage) of each VGA card installed in the system. The snooping process lets the CPR send a signal to all the VGA cards so that they can update their individual RAM DACs. The signal goes through the cards continuously until all RAM DAC data has been updated. This allows the display of multiple images on the screen.</p> <p>Note: Some VGA cards have require a fixed setting for this feature. Check your VGA card manual before setting this parameter</p>	<p>Disabled Enabled</p>

Load Default Settings

Selecting the Load Default Settings option on the Main menu will display the following dialog box:



Choosing Y enables BIOS to restore the default factory settings.

Choosing N returns you to the Main menu without loading the default settings.

The default setup values may not be the best setting for your mainboard, but these values are considered reliable settings, especially if you have limited loading of add-on cards and memory size (for example, a system that contains only a VGA/sound card and two DIMMs).

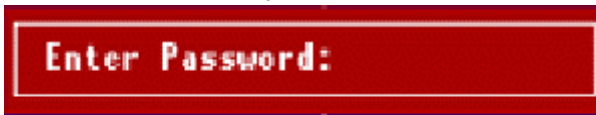
To attain the best system performance, you may manually set the parameters in the Advanced Chipset Features submenu to get the proprietary settings. Make sure that you know and understand the functions of every item in this submenu before changing any configuration setting.

Set Supervisor Password

The Set Supervisor Password function of the Main menu allows you the option to set a password that will be required for a user to enter the Setup utility and modify configuration settings.

To set the Supervisor password:

1. Select **Set Supervisor Password** from the Main menu.
2. On the "Enter Password" message window, type a password then press **Enter**. The password may consist of up to six alphanumeric characters. When you type the characters, they appear as asterisks.
3. You will be prompted to confirm the password. Retype the password then press **Enter**. After the password entry, the screen automatically reverts to the Main menu.



When a password is enabled, you can also have the BIOS request a password each time the system is booted. This would prevent unauthorized use of your computer. The parameter to determine when the password prompt is required in the **Password Check** option. If the **Password check** option is set to **Always**, the prompt is required both

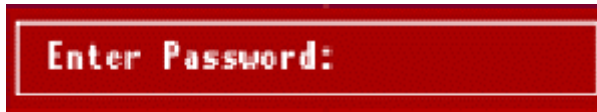
at boot up and entry to Setup. If set to **Setup**, password prompt only occurs when you try to enter Setup.

Set User Password

The Set User Password function of the Main menu allows you the option to set a password that will be required before a user could boot up the system.

To set the User password:

1. Select **Set User Password** from the Main menu.
2. On the "Enter Password" message window, type a password then press **Enter**. The password may consist of up to six alphanumeric characters. When you type the characters, they appear as asterisks.
3. You will be prompted to confirm the password. Retype the password then press **Enter**. After the password entry, the screen automatically reverts to the Main menu.



When a password is enabled, you can also have BIOS to request a password each time the system is booted. This would prevent unauthorized use of your computer. The parameter to determine when the password prompt is required in the **Password Check** option. If the **Password check** option is set to **Always**, the prompt is required both at boot up and entry to Setup. If set to **Setup**, password prompt only occurs when you try to enter Setup.

Save and Exit Setup

When you want to quit from the Setup utility and save the changes you have made, select Save & Exit Setup from the Main menu. The dialog box below will appear:



Pressing **Y** will allow you to quit from the Setup utility and save the changes before exiting. Pressing **F10** will also result to the same effect.

Pressing **N** will allow you to return to the Main menu.

Exit without Saving

When you want to quit from the Setup utility without saving the changes you have made, select Exit Without Saving from the Main menu. The dialog box below will appear:





Pressing **Y** will allow you to quit from the Setup utility without saving any changes.

Pressing **N** will allow you to return to the Main menu.

Questions & Troubleshooting

This section attempts to answer some frequently asked questions regarding your Aspire computer system, as well as offering tips for troubleshooting problems.

General System Problems

Refer to the online help file for additional information about your Aspire computer system. Also, see the iTouch configuration  for help with setting up and using the keyboard, and the mouse configuration  for help with using the mouse.

Q: My monitor displays a blank screen, my corded mouse/keyboard does not function, or my speakers do not emit sound. How can I make them work?

A: If a system component does not perform correctly, first check that it is plugged in and turned on (if necessary) and connected to the computer correctly. Refer to the OOBE poster for help with checking the connections.

For specific questions and problems relating to the monitor and speakers, refer to the documentation provided with those components.

Q: My monitor is turned on and connected correctly but the screen is still blank. What is the problem?

A: Check the brightness and contrast controls on the monitor. Also, move the mouse or tap a key on the keyboard to make sure that the monitor is not in power-saving mode.

Q: My mouse cursor movement is erratic. How can I get better control?

A: Your Aspire computer system features an optical mouse providing greater freedom of use. However, highly reflective surfaces, such as glass or metal, can distort the optical light signal and cause tracking problems. If you wish to operate your mouse on a reflective surface you

should first cover the surface with a non-reflective object, such as a book or a sheet of paper.

If you are using a cordless mouse, see the section below for help with establishing good radio communication between the mouse and the receiver.

Q: My floppy drive (FDD) is unable to read my diskette?

A: First, eject the disk, and then reinsert it before trying to read it again. If you are still unable to read the diskette, check that it is a disk drive problem by inserting and attempting to read other diskettes. You might have a defective diskette, or your diskette might need formatting.

If you believe that there is a problem with the drive, take your computer in for servicing.

Q: My system freezes. How can I restore normal operation?

A: Sometimes Windows experiences problems that cause the operating system to “hang”. Usually these problems arise from conflicts with the application software you are running. Press the Alt-Ctrl-Del keys simultaneously for on-screen instructions. If Windows is unable to resolve the problem, you should press Alt-Ctrl-Del again to reboot. In extreme cases where the keyboard fails to respond, you might need to press and hold the power button to perform a “hard” reboot.

If an application continually causes problems, see its online help file for advice. You might need to uninstall and then reinstall the software using the program’s Uninstall utility or, if it does not have one, by using the Windows Add/Remove Programs facility. See the Windows online help file for more information.

Q: Windows continually “hangs” or “crashes”. How can I use my computer normally again?

A: If your operating system has become corrupted you might need to return your computer to a previous “clean” configuration. See the Windows online help for

advice on returning your system settings to a previous configuration.

In extreme cases, you might want to return your computer to the factory default settings. The included recovery CD allows you to restore the software to the state it was in when you first purchased your Aspire computer system. However, all your additional programs, data and settings will be lost when you use the recovery CD.

To restore the factory defaults, follow the instructions on the recovery CD. Back up your data on another drive before you begin this procedure.

Q: I've tried the suggestions provided in this user guide, but I am still unable to get my Aspire computer system to work normally. What can I do now?

A: If you are unable to solve a problem after reading these troubleshooting tips, take your computer to qualified personnel for servicing. Do not attempt to service your computer yourself.

Cordless Keyboard/Mouse Problems

Q: What type of batteries should I use?

A: Use only alkaline batteries, regardless of brand.

Q: What kind of battery life can I expect?

A: The battery life depends on the type of device and the amount of use. For the cordless optical mouse, you should expect to replace the batteries about every two months. For the cordless keyboard, a set of batteries should last about six months.

Q: I changed my batteries and now my mouse pointer doesn't move or my keyboard doesn't work. What can I do?

A: First, check that you have inserted the batteries correctly. Next, establish radio communication by first pressing the connect button on the front of the

computer, and then pressing the connect button on your mouse or keyboard.

Q: Do my Aspire cordless mouse and keyboard use radio frequency or infrared technology?

A: The Aspire cordless mouse and keyboard both use radio frequency to communicate with a receiver built into the computer.

Q: What frequencies do my cordless mouse and keyboard use?

A: Channel 1 uses 26.995 MHz; Channel 2 uses 27.045 MHz

Q: How do I get the cordless mouse or keyboard to communicate with the receiver?

A: First, press the connect button on the front of the computer, and then press the connect button on your mouse or keyboard.

Q: How far from the computer can I use my cordless mouse or keyboard?

A: Generally, the range should be no more than 2 meters/6 feet.

Q: My cursor doesn't move or jerks around the screen. What can I do?

A: First, establish radio communication by pressing the connect button on the front of the computer, and then pressing the connect button on your mouse.

Next, check the quality of the batteries. With healthy batteries you should be able to use your cordless mouse and keyboard at least 1 meter/4 feet from the receiver. If the problem persists after replacing the batteries, you can assume that there is an environmental problem. You can confirm this by checking the performance of your mouse and keyboard with another computer in a different location.

To avoid interference with the radio signal, try moving your system at least 8 inches away from other electrical devices, or moving the mouse and keyboard closer to the computer. If you are using a metal desk or a desk

with a metal frame, try raising the computer, mouse and keyboard an inch or so above the surface using a thick mouse pad or a book. Experiment with different locations and positions.

Q: Will my cordless mouse or keyboard interfere with my cordless phone?

A: It is most unlikely. Your cordless mouse and keyboard operate at such low frequencies that they generally do not interfere with most other cordless devices.

Q: What can cause interference with my cordless mouse and keyboard?

A: Any electrical device, including the monitor, drives and speakers can cause interference with your cordless mouse and keyboard. A metal desk or a desk with a metal frame can also cause interference problems.

Q: How many cordless devices can I use in one area?

A: Cordless devices have a range of 2 meters/6 feet, although this might be greater under certain conditions. To avoid possible interference, try to keep systems at least 3 meters/10 feet apart.

There is no specific number of cordless devices that you can be used in an area, as there are many environmental variables that affect performance.

Q: When I move my cordless mouse, it moves the cursor on the system next to mine. How can I stop this?

A: This is called "cross talk" and is characterized by one cordless device controlling the cursor input of another device connected to a different computer.

To avoid possible interference, try to keep systems at least 3 meters/10 feet apart. Also, try moving the mouse closer or further away from the computer to improve the radio communication.

Finally, press and hold the connect button on the front of the computer for ten seconds to reset the connection information. You should then press the connect button on your mouse to re-establish radio communication.

Perform these same steps on any other cordless devices in the area that are experiencing cross talk.

Q: When I type on my cordless keyboard, the text is displayed on another system that is using a cordless keyboard. How can I stop this?

A: This is another example of cross talk, and so the above solutions apply. However, before attempting the above steps, remove the keyboard batteries for 15 minutes. Then, re-insert the batteries and reboot the computer. It is important that during this time, you do not press the connect button on the receiver or keyboard of the other cordless desktop system.

Q: When I move my cordless mouse my neighbor cannot move the cursor on his system. How can I stop this?

A: This is called "jamming," and occurs when one cordless device stops another cordless device from functioning until the first device stops moving.

To avoid possible interference, try to keep systems at least 3 meters/10 feet apart. Experiment with various computer and mouse positions and change the distance between the mouse and the computer.

Press and hold the connect button on the front of the computer for ten seconds to reset the connection information. You should then press the connect button on your mouse to re-establish radio communication.

Q: I loaded a CD/DVD and then pressed the Play/Pause key on my keyboard, but nothing happened. What is the problem?

A: To use the multimedia keys on your keyboard, you must first open a movie player or music player application.

