Flybook

The Ultimate in Mobility

User's Manual

DIALOGUE

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Version 1.1, June 2006

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Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- **Reorient or relocate the receiving antenna.**
- **Increase the separation between the equipment and the receiver.**
- **Connect the equipment onto an outlet on a circuit different from that to which the receiver is connected.**
- **Consult the dealer or an experienced radio/TV technician for help.**

Shielded interconnect cables and a shielded AC power cable must be employed with this equipment to ensure compliance with the pertinent RF emission limits governing this device. Changes or modifications not expressly approved by the system's manufacturer could void the user's authority to operate the equipment.

Declaration of Conformity

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

- **This device may not cause harmful interference, and**
- **This device must accept any interference received, including interference that may cause undesired operation.**

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Power safety

- **Only use the supplied power cord.**
- **Do not place anything on the power cord. Place the power cord where it will not be in the way of foot traffic.**

Table of Contents

Getting Started with the VM - - - - - - - - - - - - - - - - - - 1
About this manual 1
Unpacking 1
Front-left view 2
Right view 4
LED descriptions 5
Installing the battery 7
Connecting the AC adapter 8
Adjusting the display 9
Using the fingerprint reader 11

Using the keyboard and touchpad - - - - - - - - - - - 12
Using the touchpad 12
Using Function (Fn) keys 12
Using the numeric keypad 14
Windows™ keys and other keys 14

Connecting devices - 16
Connecting audio devices 16
Connecting USB devices 18
Connecting an external display 19
Using an ExpressCard 20

Flybook control center - 22
Opening the control center 22
Using the control center 22

Securing and backing up your system - - - - - - - - 23
Before you go online 23
Install virus protection 24
Install a Firewall 24

Install spyware blocker 24

Networking your computer - - - - - - - - - - - - - - - - - - 25

Determining IP address settings 25
Setting up a wired connection 25
Bluetooth 26

Using the built-in Webcam - - - - - - - - - - - - - - - - - - 27

Ergonomics - 28

Caring for your computer - - - - - - - - - - - - - - - - - - - 30

Things not to do with your computer 30
Cleaning the computer 31

The BIOS setup utility - 32

Accessing the BIOS setup 32
Updating the BIOS firmware 32
The Main BIOS menu 32
The Advanced menu 33
The Intel menu 34
The Security menu 34
The Boot menu 35
The Exit menu 35

Troubleshooting and specifications - - - - - - - - - - - 37

Tips for Troubleshooting 37
The Power-On Self Test 37
General Hardware Problems 38
Identifying Problems 38
Having the VM Serviced 41

Specifications - 42

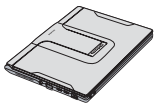
Getting Started with the VM

About this manual

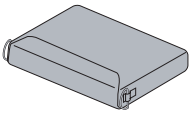
This User manual provides information to help you operate and get the most from your computer. Read the Setup guide to quickly set up and begin using your computer.

Unpacking

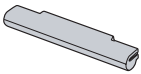
Unpack the VM and check that the following items are included:



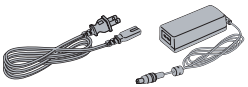
VM computer



Carry bag



Standard 3-cell battery



AC adapter

Quick Start Guide

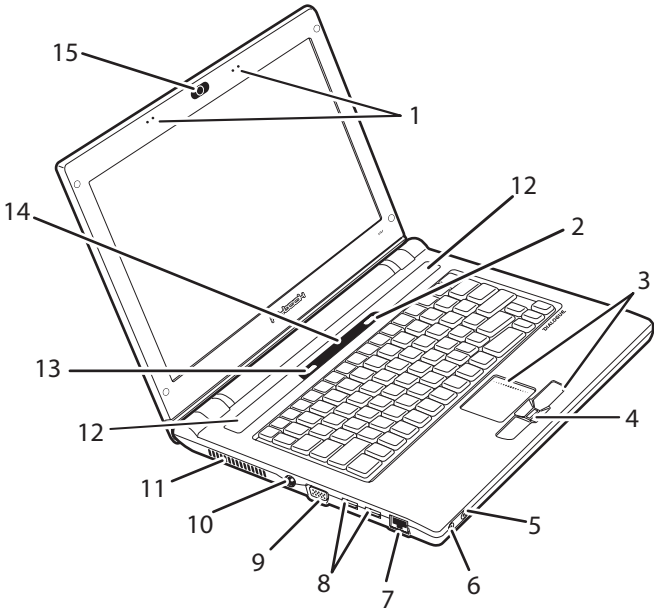
Warranty card

User manual

Windows® start here booklet

Recovery CDs

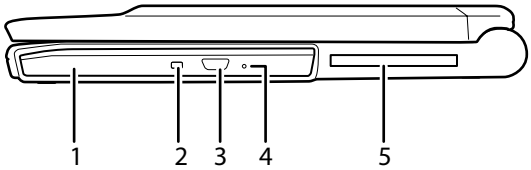
Front-left view



1. STEREO MICROPHONE
   - Use the built-in stereo microphone for recording sound and video-conferencing with friends.
2. POWER BUTTON
   - Press and hold the power button for two seconds to turn on the computer.
3. TOUCHPAD AND TOUCHPAD BUTTONS
   - Use the touchpad to move the pointer on the screen. The touchpad and the touchpad buttons have similar functions to a mouse.
4. FINGERPRINT READER
   - When you set up fingerprint authentication, you can use the fingerprint reader to turn on the computer.
5. HEADPHONE JACK
   - Connect headphones or external speakers to the headphone jack.

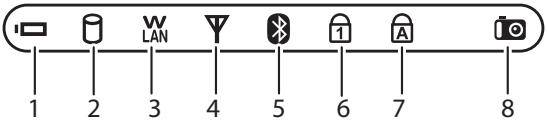
6. MICROPHONE JACK
   - Connect a microphone to the microphone jack.
7. ETHERNET CONNECTOR
   - Connect the computer to your home or office network (LAN) with the Ethernet connector.
8. USB CONNECTORS
   - Connect USB devices such such as printers or flash drives to the USB connectors.
9. MONITOR (VGA) CONNECTOR
   - Connect an external display or projector to the monitor connector.
10. AC POWER CONNECTOR
    - Connect the AC adapter to this connector.
11. AIR VENT
    - Air vents help to prevent the interior of the computer from overheating. Do not block the air vents.
12. SPEAKERS
    - Stereo speakers are builit in to the computer.
13. WIRELESS OFF
    - Wireless transmission uses power. Use this button to disable the wireless feature of your computer to save power or when instructed to do so, for example on an aircraft.
14. INDICATOR PANEL
    - The LEDs on the indicator panel provide system status information.
15. CAMERA
    - Use the built-in camera for videoconferencing with friends.

Right view



1. DVD/CD-RW COMBO DRIVE
   - Playback your favorite DVDs or burn CDs on the combo drive.
2. DVD/CD-RW LED
   - Flashes when the combo drive is accessed.
3. DVD/CD-RW EJECT BUTTON
   - Press to eject the drive tray.
4. EMERGENCY EJECT HOLE
   - Insert a straightened paper clip to eject the drive tray when the computer is turned off.
5. EXPRESSCARD SLOT
   - Install an ExpressCard in the ExpressCard slot.

LED descriptions



1. BATTERY
   (NO AC ADAPTER CONNECTED)
   - **Green:** The battery is in use and has has more than 10% capacity.
   - **Blinking red:** The battery has less than 10% capacity.

   (AC ADAPTER CONNECTED)
   - **Blinking green:** The battery is charging.
   - **Green:** The battery is charged.
   - **Red:** The battery has a problem and cannot be charged. Return the battery to your reseller for servicing.

NOTE: If no battery is installed, then the battery LED is always off.

2. HARD DRIVE
   - **Red:** The hard drive is being accessed.
3. WIRELESS LAN
   - **Off:** The wireless LAN module is turned off.
   - **On:** The wireless LAN module is turned on.
   - **Blinking:** Date is being transmitted or received.
4. WIRELESS WAN
   - **Off:** The wireless WAN module is turned off.
   - **On:** The wireless WAN module is turned on.

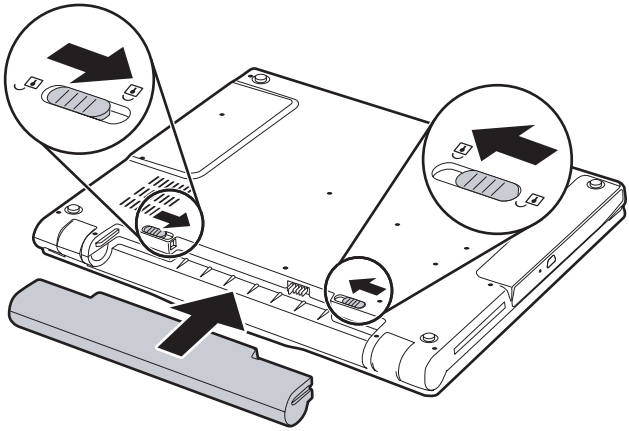
- **Blinking:** Data is being transmitted or received.

NOTE: The wireless WAN module is available on some VM models.

5. BLUETOOTH™
   - **Slow blinking:** The Bluetooth module is on standby.
   - **Fast blinking:** Data is being transmitted or received.
6. NUM LOCK
   - Lights when the numeric keypad is enabled.
7. CAPS LOCK
   - Lights when Caps Lock mode is enabled. When enabled you can type alphabetic characters without holding the Shift key.
8. CAMERA
   - Lights when the built-in Web camera is turned on.

Installing the battery

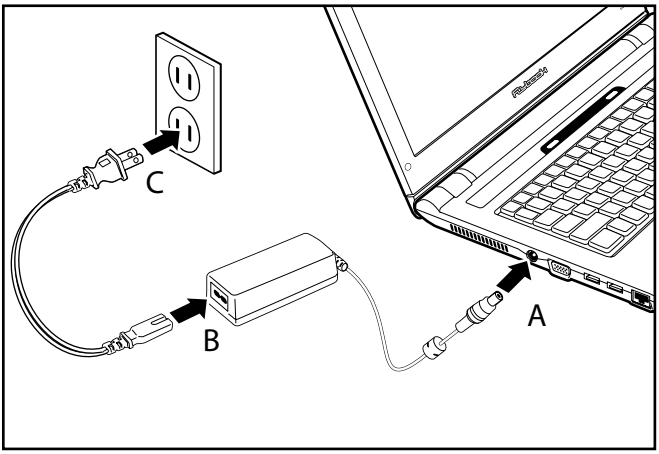
1. Align the guides on the sides of the battery with the guides in the bay and then install the battery.



2. Slide the battery release to the closed position.
3. Slide the battery lock to the locked position.

Connecting the AC adapter

1. Connect the AC adapter connector (**A**) to the AC jack on the computer .

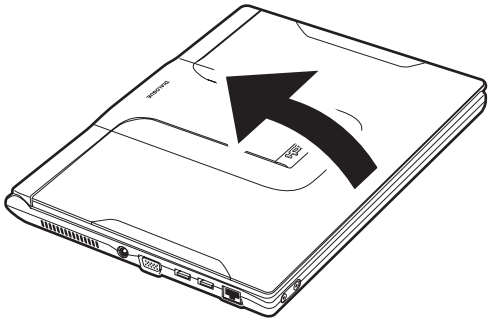


2. Connect the AC cable (**B**) to the AC adapter.
3. Connect the other end of the AC cable (**C**) to an electrical outlet.
   The power LED and the battery charge LED light.

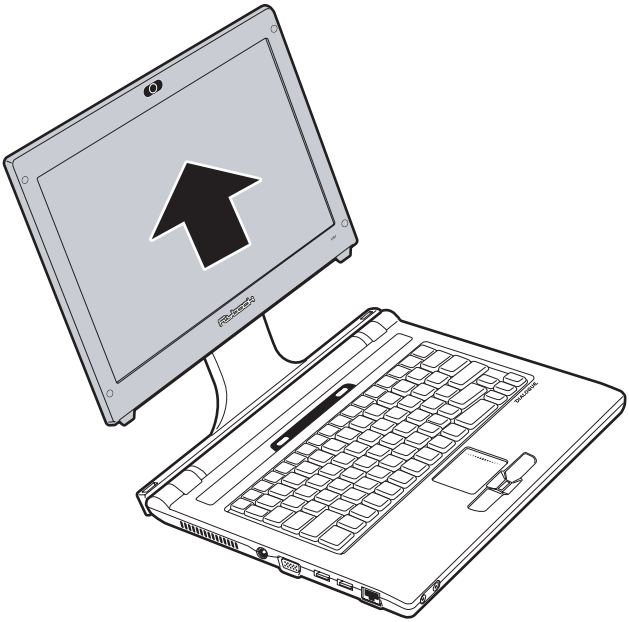
Adjusting the display

Your computer display can adjusted vertically on the rear support and it can be tilted away from the support to a horizontal position.

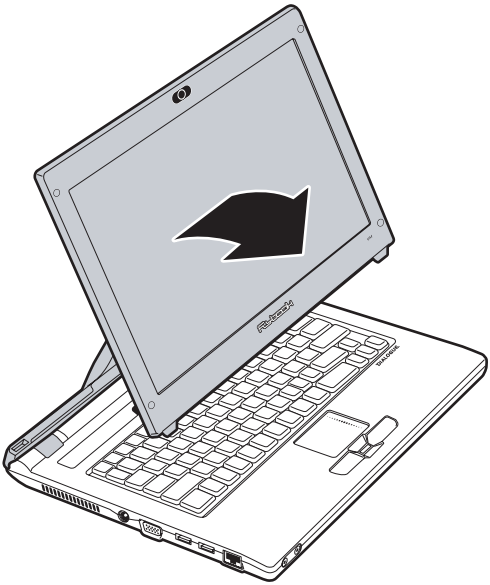
1. Open the display.



2. Slide the display upwards on the rear support.



3. Hold the display at the bottom and pull it away from the rear support to the angle you want.



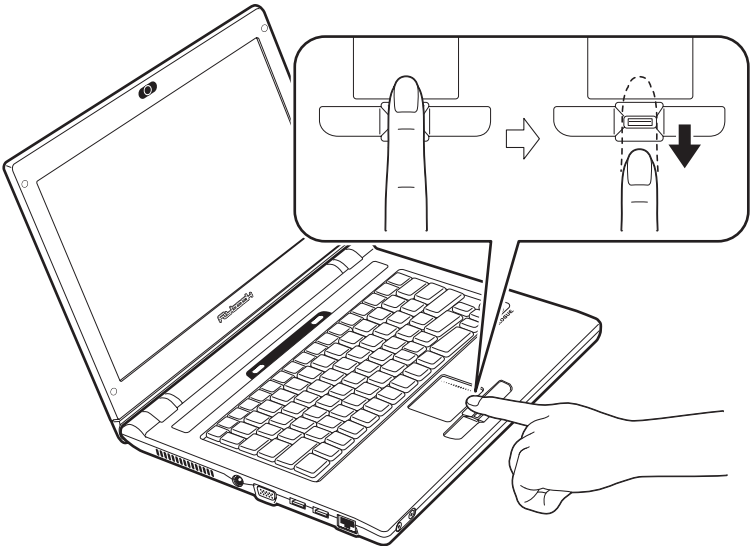
4. Adjust the rear support further to the position you want.

Using the fingerprint reader

The fingerprint reader allows you to control access to your computer.

To enroll your finger:

1. Click **Start -> All Programs -> Fingerprint Application Suite -> PCA250 -> First-time Wizard**. Follow the instructions in the Wizard.
2. When prompted, select the finger that you want to enroll.
3. Place the tip of your finger above the fingerprint reader as shown below.



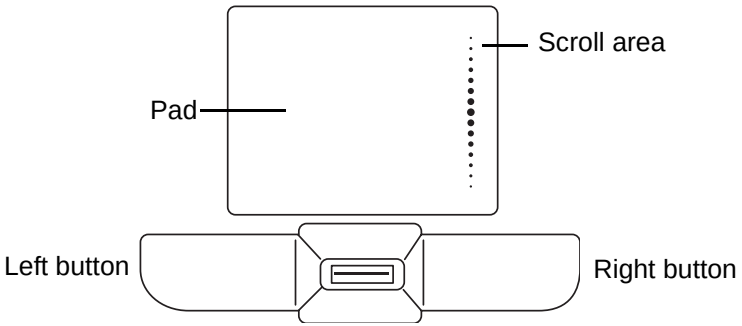
4. Press your finger down evenly on the reader and then in one smooth action, swipe your finger across the reader.
   Repeat fingerprint enrollment as prompted in the Wizard.

Using the keyboard and touchpad

Your computer's mini-size keyboard and touchpad provide similar functionality as a standard keyboard and mouse.

Using the touchpad

The touchpad consists of a pad and two click-buttons. The left and right buttons correspond to the left and right buttons on a mouse. Slide your finger over the pad in the direction you want the pointer to move on the screen.



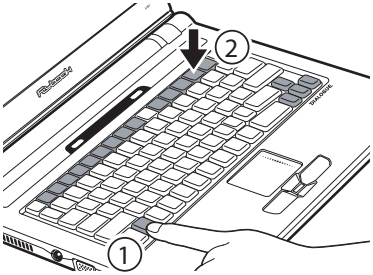
Slide your finger up and down in the scroll area to scroll up and down on the screen.

To customize the touchpad, click **Start -> Control Panel**. In **Control Panel** double-click the **Mouse** icon to open the touchpad configuration utility.

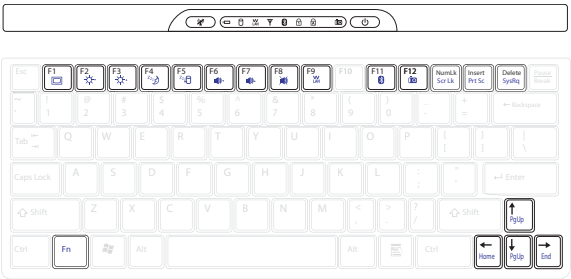
The configuration utility lets you customize touchpad settings to your preference. Click **Help** in the touchpad utility for instructions on changing touchpad settings.

Using Function (Fn) keys

Using function keys is a quick way to carry out commands or enable features on your computer. Function keys have a blue icon or have blue text (such as on the **Home** and **PgDn** keys). To use this function, press and hold the **Fn** key (1) and then press a function key (2).



The **Fn** key functions are described below.

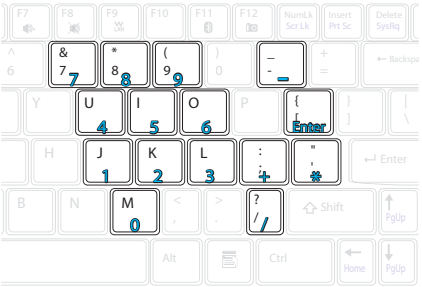


- **Fn + F1**: Changes video output to an external display.
- **Fn + F2**: Decreases the display brightness.
- **Fn + F3**: Increases the display brightness.
- **Fn + F4**: Puts the computer in suspend mode.
- **Fn + F5**: Puts the computer in hibernation mode.
- **Fn + F6**: Decreases the volume.
- **Fn + F7**: Increases the volume.
- **Fn + F8**: Mutes/enables the volume.
- **Fn + F9**: Enables or disables the built-in wireless networking feature.
- **Fn + F11**: Enables or disables the built-in Bluetooth feature.
- **Fn + F12**: Turns on or off the built-in Web camera.
- **Fn + ScrLk**: Enables or disables scroll lock. When enabled, pressing the up or down arrow keys scrolls up or down one line respectively.
- **Fn + PrtSc**: Print screen captures the on-screen image to the clipboard. You can then copy the contents to an image editing program.

- **Fn + SysRq**: Terminal request. This key is rarely used.
- **Fn + Home**: Moves the pointer to the beginning of a line in text.
- **Fn + End**: Moves the pointer to the end of a line in text.
- **Fn + PgUp**: Moves text up one screen at a time.
- **Fn + PgDn**: Moves text down one screen at a time.

Using the numeric keypad

The keyboard has an embedded numeric keyboard. When you enable it, the Num Lock LED is on. To enable or disable the numeric keypad, press **Num Lk**.



NOTE: The numpad numbers are printed larger in the illustration for your convenience. On the VM, the numbers are much smaller and on the front edge of the keys.

Windows™ keys and other keys

Keys such as the Windows Start and application keys, and the **Caps Lock** key function the same as on a standard keyboard in the Windows environment.

- : Opens the Start menu. Use in combination with other keys to perform Windows shortcuts.
- : The application key has the same function as the right-mouse button.

- **Caps Lock**: Toggles uppercase on and off.

TIP! Refer to the Windows® start here booklet for additional keyboard shortcuts.

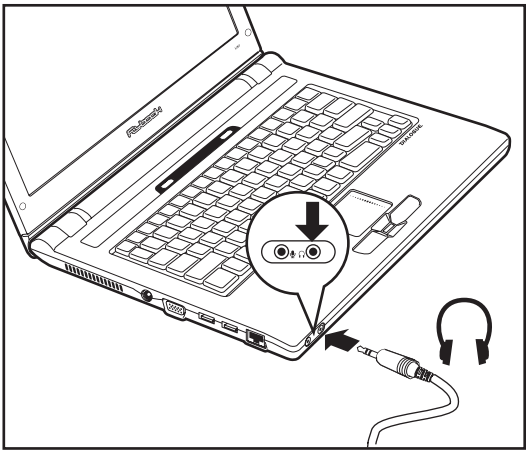
Connecting devices

This section covers peripheral devices that you can use with the VM.

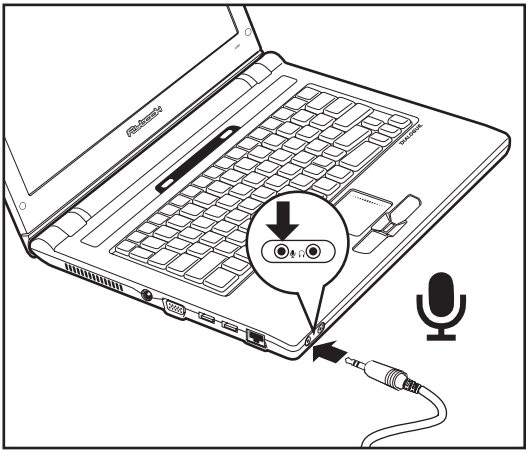
Connecting audio devices

Your computer has a built-in microphone and speaker. You can also connect an external microphone and headset.

1. Connect speakers or headphones to the headphone jack.



2. Connect a microphone to the microphone jack.



The Realtek Sound Manager automatically opens allowing you to configure audio devices.

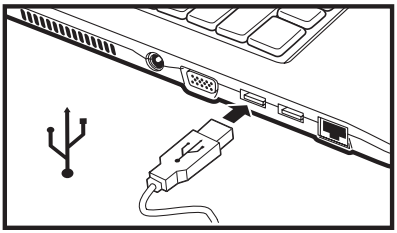
NOTE: The built-in speakers and microphone are automatically disabled when you connect external speakers or a microphone.

Connecting USB devices

There are two Universal Serial Bus (USB) connectors on the computer. You can connect USB devices such as printers or flash drives to either connector.

CAUTION: Be sure the USB icon on the connector is facing upwards as shown below. Connecting a USB cable incorrectly can damage the connector on the computer.

1. Connect the USB device to one of the USB connectors on the computer.



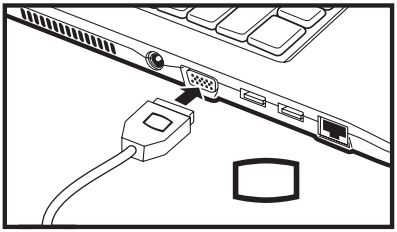
2. Install drivers for the device as prompted.

Connecting an external display

You can connect an external monitor or LCD to your computer with a resolution up to 1800 x 1440. Check the user manual of the display to be sure it supports this resolution.

CAUTION: You can permanently damage a display if it does not support the resolution that your computer is set to. Match the resolution of the VM to the external display before you attach it to the computer.

1. With the computer turned off, connect the external display to the VGA connector on the computer.



2. Connect the display to an electrical outlet.
3. Turn on the computer and the external display.
4. Press **Fn + F1** to switch output to the external display.

Using an ExpressCard

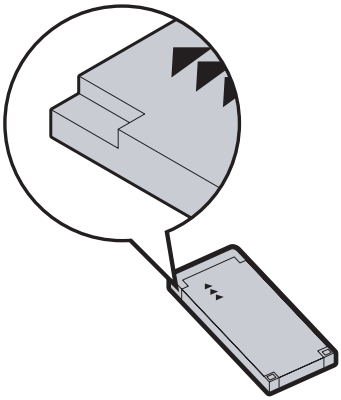
You can use 34 mm-wide and 54 mm-wide ExpressCards with your computer.

NOTE: Do not insert an ExpressCard when the computer is in standby or hibernate mode. If you do, when you try to resume the computer it may not respond.

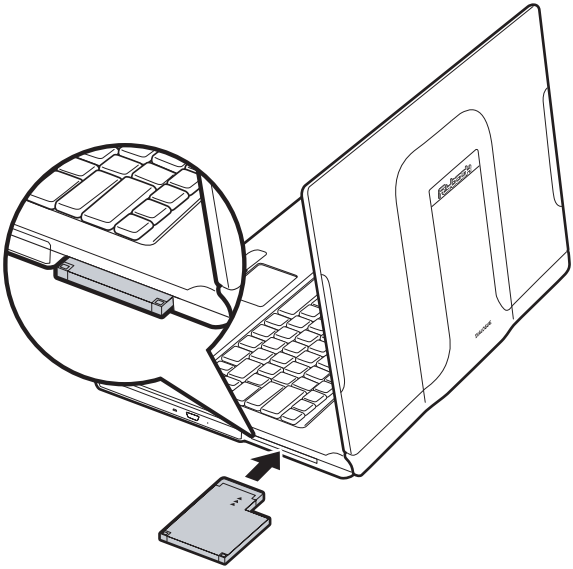
CAUTION: Static electricity in your body can damage ExpressCards. To reduce the static electricity in your body, touch a bare metal table or a grounded metal object before installing an ExpressCard.

To install an ExpressCard:

1. Find the notched edge on the card.



2. Insert the card into the slot.

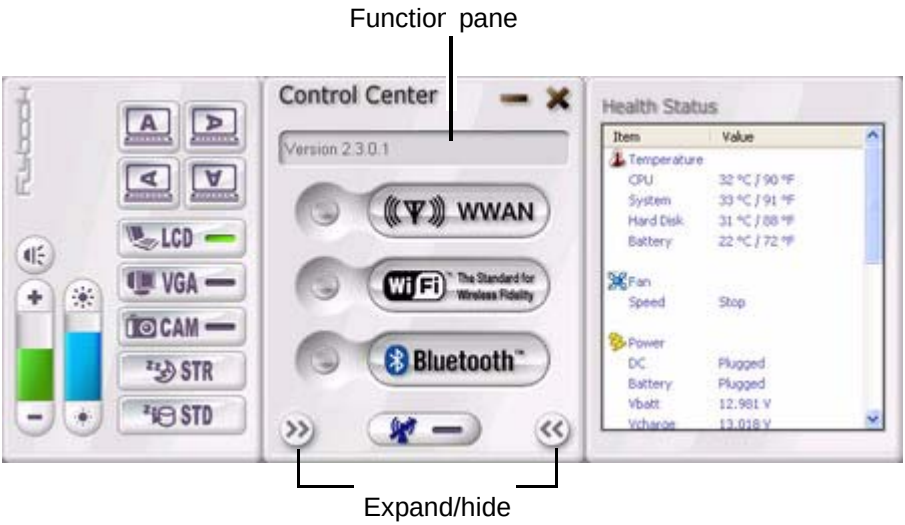


Flybook control center

The Flybook Control Center lets you quickly enable or disable wireless options and change settings such as volume and display mode. You can also check system health with this utility.

Opening the control center

To open the Control Center, click the Flybook icon in the system tray and select **Restore**.



Using the control center

Move the pointer over the buttons on the Control Center panel; the function of the button is described in the Function pane. For example, if you move the pointer over the **WiFi** button in the center of the panel, the message **Turn on/ off the Wi-Fi module** appears in the **Function pane**.

Securing and backing up your system

Before you go online

Connecting your computer to the Internet opens the way to potential threats such as viruses and spyware. To best secure your computer purchase security software (or download it from a secure system), and then install it on your computer before you connect it to the Internet.

To check your computer's security settings:

1. Click **Start** -> **Control Panel**, and then double-click **Security Center**. **Windows Security Center** opens.

2. Ensure **Firewall** and **Automatic Updates** are turned **ON**.
3. Click **Get help about Security Center** for more information.

Install virus protection

Your computer is installed with a free three-month trial of Norman Virus Control. To check your virus settings, click **start -> All Programs -> Norman Virus Control -> Configuration Editor**. Click **Help** for more information.

Install a Firewall

A firewall protects your computer by blocking or allowing traffic between your computer and the Internet. Windows has a built-in firewall that helps to protect your computer. For better security, purchase a router that has a built-in firewall. You can also download free firewall software on the Internet.

Install spyware blocker

Spyware typically retrieves information about your Web-surfing habits. It can be secretly installed on your computer with a free download and can even be installed just by visiting a Web site. Spyware can cause your Web searches to be redirected and pop us annoying adds. Once your computer is infected with spyware, it can be very difficult to remove it. The key is to prevent infection in the first place by installing spyware blocker software. Spyware blocking software can be purchased online and you can even download free spyware blocking programs.

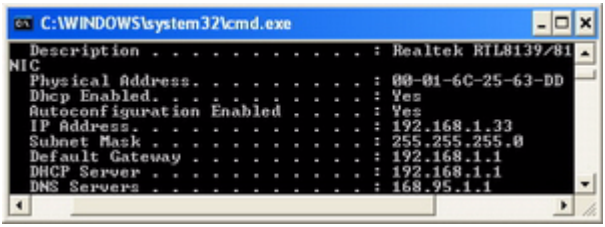
Networking your computer

Your computer has an Ethernet connector that you can use to connect to a wired network at home or in the office. If you have a wireless access point, you can also get online using the built-in wireless LAN of your computer.

Determining IP address settings

To access a network, your computer must have a network IP address. The IP address is either assigned manually (a static IP address), or it is assigned automatically by a DHCP router or server. If you already have a home network, you can check a computer on your network to determine if it is assigned an IP address automatically or manually.

1. Click **Start** -> **Run**.
2. Type **cmd** and click **OK**.
3. At the command prompt, type **ipconfig /all**.
4. Look for the line **DHCP Enabled** (you may have to scroll up to see it).

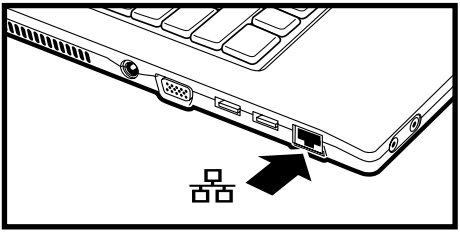


If DHCP is enabled, then your router assigns IP addresses automatically. You should enable DHCP during the initial Windows setup.

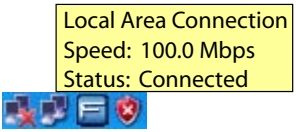
Setting up a wired connection

Wired connections are more secure and somewhat more stable than wireless connections. You can connect your computer to the network while it is turned on. Refer to the following to set up a wired connection:

1. Connect an Ethernet cable to the Ethernet connector on the computer.



2. Connect the other end of the cable to your router or switch.
   It takes a few minutes for your router to assign an IP address to your computer. When your computer is connected, the following message appears over the LAN icon in the system tray.



3. Double-click the LAN icon to view details for your connection.

Bluetooth

Your computer has a built-in Bluetooth module and is already installed with the IVT BlueSoleil utility. Bluetooth allows communication between your computer and other Bluetooth-enabled devices such as cellphones, printers, and keyboards.

In order to connect and share services via Bluetooth wireless technology, the two devices must support the same Bluetooth Profile(s). One device must act as a server; the other must be the client.

To start using Bluetooth, do the following:

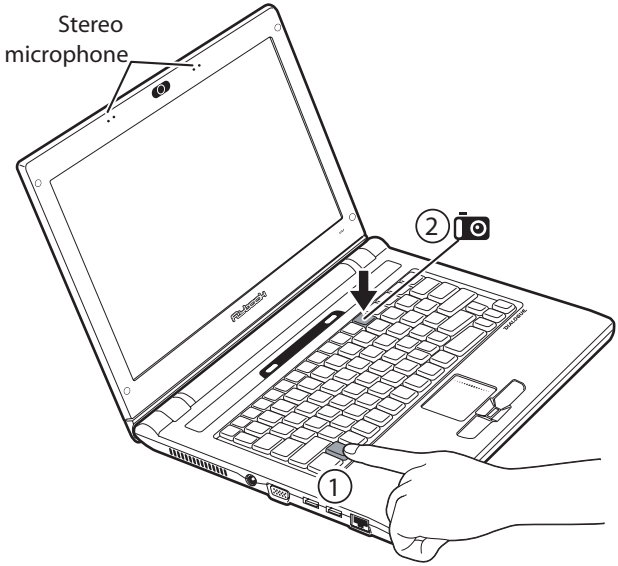
1. Press **Fn + F11** to enable Bluetooth.
2. Double-click the Bluetooth icon in the taskbar or click **start -> All Programs -> IVT BlueSoleil -> BlueSoleil** to open the IVT BlueSoleil program.
3. Click **Help** on the menu bar for more information.

Using the built-in Webcam

Your computer features a built-in Webcam that is already set up and ready to use. Use your Webcam to make live video calls and keep in touch with friends and family.

CAPTURING VIDEO

1. Press **Fn + F12** to enable the built-in Webcam.
   The camera LED lights.



2. Click **start -> AMCap** or double-click the **AMCap** icon on your desktop to open the **AMCap** utility.
3. To start recording, click **Capture -> Start Capture**.

LAUNCHING YOUR FAVORITE INSTANT MESSANGER

You can use the Webcam with an instant messanger such as MSN Messager, Yahoo Messager, or Skype. To begin messaging, open your instant messanger and then launch the Webcam.

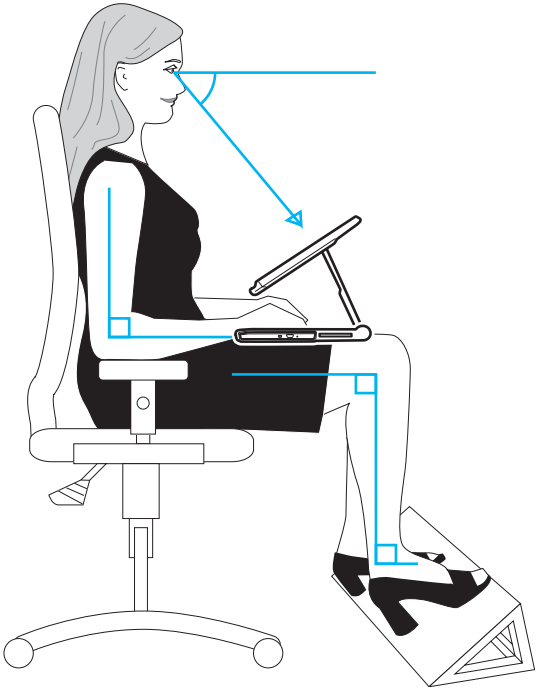
Ergonomics

Ergonomics is the science of equipment design, particulary for working situations, with the intention of reducing discomfort. Ergonomic products, such as keboards or mice, are designed to blend smoothly with your actions.

When using your computer try to develop good habits such as the following:

- Periodically get up, stretch and walk around the room.
- Look away from the display frequently. Don’t face a wall so that you can look up from the screen and into the distance. This exercising of the eyes can help to prevent eye-strain.
- Do stretching exercises while you sit.
- Don’t work in poor lighting. Position your computer display to minimize glare or reflection.

When sitting at your computer, use the following illustration and guidelines:



- Position the display to avoid glare from overhead lighting. Adjust the display to achieve an optimal viewing angle as shown above.
- Approximately arms-length is a good viewing distance to the display.
- Use a comfortable chair that provides good back support.
- Sit up straight, with your shoulders back in a relaxed position.
- Adjust your chair so that your thighs are paralllel to the floor.
- When typing keep your arms, hands, and wrists relaxed and horizontal; type gently and do not rest your palms on the computer.

Caring for your computer

After you unpack your computer, store the packing materials in case you want to ship the computer or if you have to return it for servicing.

Your notebook computer is a precision instrument that should be handled with care. Use common sense and follow the guidlines below, and your computer will last you for many years.

Things not to do with your computer

- Do not twist the display sideways or bend it upwards at only one corner.
- Do not place heavy objects such as books on the computer.
- Do not expose the computer to
- Do not expose the computer to temperatures above 50° C or below 0° C.
- Keep the computer away from direct sunlight or heat sources.
- Do not expose the computer to rain or moisture.
- Do not spill water or any other liquid on the computer.
- Do not place the computer near magnetic fields.
- Avoid heavy shocks or vibrations to the computer.
- Do not expose the computer to dusty or dirty environments.
- Do not place the computer on uneven surfaces.
- Do not cover air vents around the computer.
- Only use the ac adapter that is provided with your computer.

Cleaning the computer

Before cleaing the computer, turn it off, unplug the ac adapter, and then remove the battery.

Wipe the display with a clean soft cloth. If you use a mild glass cleaner to clean the display, spray a little on the cloth and then wipe the display. Do not spray cleaner directly onto the display.

Clean the outside of the computer case with a soft cloth. You can moisten the cloth with a non-alkaline detergent.

Use a vacuum cleaner to clean dust from the keyboard.

Do not wipe the keyboard, touchpad, touchpad buttons, or fingerprint reader with a damp cloth.

The BIOS setup utility

The BIOS setup utility lets you change core settings on your computer such as the system time, boot order, and auto-repeat rate for your keyboard. Most users will find the default settings are already optimal for their needs. Be clear on changes your make to the BIOS. Choosing incorrect settings can cause your computer not to boot up.

Accessing the BIOS setup

When you turn on your computer a message “Press F2 to enter BIOS” appears. Press F2 to enter the BIOS setup.

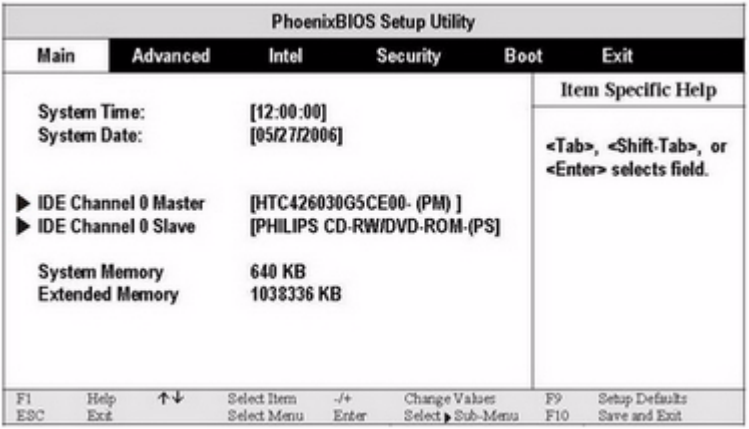
On the right side of the Setup screen is an area labeled Item Specific Help. This area lists navigation key shortcuts and information that is specific for the item that is selected.

Updating the BIOS firmware

You can install updated BIOS for your computer that you can download from the manufacturer's Web site. New BIOS may provide support for new peripherals, improvements in performance or fixes for known bugs.

The Main BIOS menu

In the Main menu you can make the following changes:



System Time

Sets your system to the time that you specify (usually the current time). The format is hour, minute, second. Insert the appropriate information. Use the **Tab** or **Shift** + **Tab** keys to move between the hour, minute, and second fields.

System Date

Sets your system to the date that you specify (usually the current date). The format is month, day, year. Type in the appropriate information. Use the **Tab** or **Shift** + **Tab** keys to move between the month, day, and year fields.

The Advanced menu

Select the item from the menu bar to display the following menu:

PhoenixBIOS Setup Utility

Main | Advanced | Intel | Security | Boot | Exit

		Item Specific Help
Installed O/S:	[WinXP]	Select the operating system installed on your system which you will use most commonly. Note: An incorrect setting can cause
Reset Configuration Data:	[No]	
Large Disk Access Mode:	[DOS]	
▶ Keyboard Features		
▶ Cache Memory		
▶ ASF Configuration		
Enable ACIP (debug only):	[Yes]	
Disable ACIP _Sx:	[none]	

F1	Help	↑↓	Select Item	-/+	Change Values	F9	Setup Defaults
ESC	Exit		Select Menu	Enter	Select ▶ Sub-Menu	F10	Save and Exit

The Intel menu

Select the item from the menu bar to display the following menu:

PhoenixBIOS Setup Utility

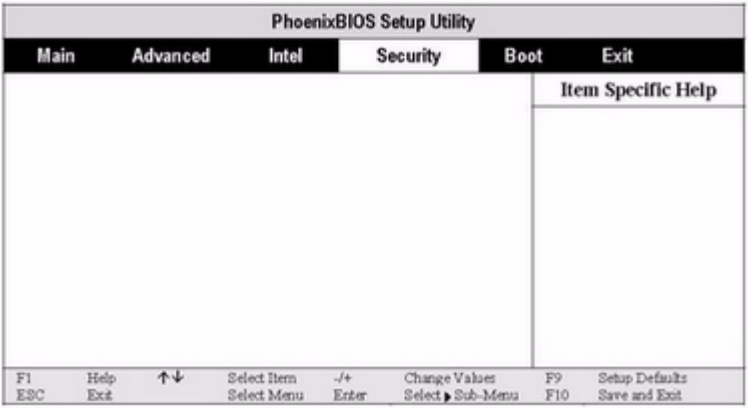
Main | Advanced | Intel | Security | Boot | Exit

		Item Specific Help
▶ CPU Control Sub-Menu		These items control various CPU parameters
▶ MCH Control Sub-Menu		
▶ Video (Intel IGD) Control Sub-Menu		
▶ ICH Control Sub-Menu		
▶ LPC Control Sub-Menu		
▶ ACPI Control Sub-Menu		
Video Repost:	[Linux]	

F1	Help	↑↓	Select Item	-/+	Change Values	F9	Setup Defaults
ESC	Exit		Select Menu	Enter	Select ▶ Sub-Menu	F10	Save and Exit

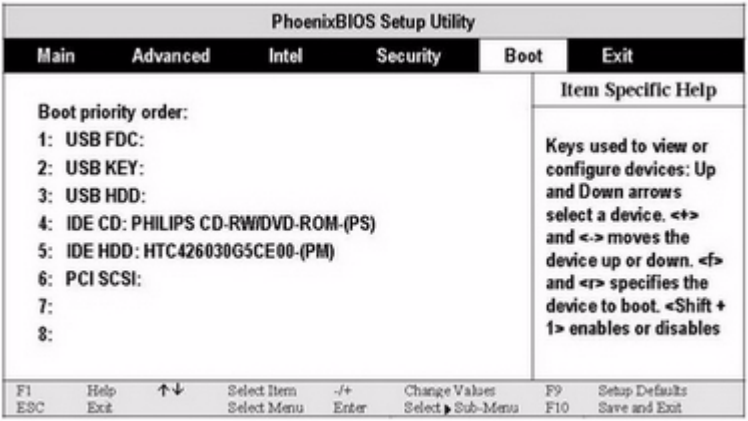
The Security menu

Select the item from the menu bar to display the following menu:



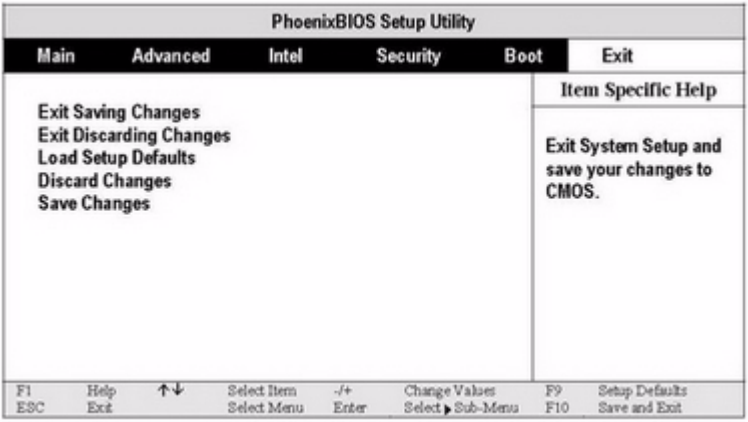
The Boot menu

Select the item from the menu bar to display the following menu:



The Exit menu

After you finish making changes to the BIOS use the Exit menu to close the BIOS setup and restart your system. Select the item from the menu bar to display the following menu:


PhoenixBIOS Setup Utility
Main
Advanced
Intel
Security
Boot
Exit
Item Specific Help
Exit Saving Changes
Exit Discarding Changes
Load Setup Defaults
Discard Changes
Save Changes
Exit System Setup and save your changes to CMOS.
F1 Help ↑↓ Select Item -/+ Change Values F9 Setup Defaults
ESC Exit Select Menu Enter Select ▸ Sub-Menu F10 Save and Exit

Troubleshooting and specifications

Tips for Troubleshooting

In each problem-specific section, try the steps in the order suggested. This may help you to solve the problem more quickly.

Try to pin point the problem and thus avoid replacing non-defective parts.

Keep a record of the steps you take when troubleshooting: The information may be useful when calling for technical support or for passing on to service personnel.

- Use some other electrical device to confirm that the electrical outlet is working.
- Ensure the VM is turned on.
- Ensure all connections are securely attached.

The Power-On Self Test

The Power-On Self Test (POST) runs every time you turn on or reset the computer. The POST checks memory, the mainboard, the display, the keyboard, the disk drives, and other installed options.

A few seconds after you turn on your computer, a copyright message appears on your display screen. A memory test message appears next; as the test continues, memory size increases until all installed memory is tested. Normally, the only test routine visible on the screen will be the memory test.

If failure is detected in an area other than the mainboard (such as the keyboard or an adapter card), an error message is displayed on the screen and testing is stopped.

If your system does not successfully complete the POST, but displays a blank screen, emits a series of beeps, or displays an error code, consult your dealer.

General Hardware Problems

A few common hardware problems and suggested solutions are presented in the table below:

THE DISPLAY SCREEN IS DARK.

Adjust the screen brightness.

Make sure that the computer is not in suspend mode.

AN INCORRECT DATE AND TIME ARE DISPLAYED.

Correct the date and time using the DOS DATE and TIME commands or the options in the Setup Utility. (You can also set the date and time in Windows by double clicking the clock on the task bar or in the control panel.) If the date and time become incorrect after a short time, your CMOS battery may be depleted. Contact your dealer to change the battery.

AN UNIDENTIFIED MESSAGE IS DISPLAYED.

Reboot the computer and run the BIOS Setup Utility. Confirm the Setup Utility parameters. If the same message is displayed after booting up again, contact your dealer for support.

Identifying Problems

Follow the steps below to identify your problems:

1. Turn off the computer.
2. Disconnect any peripheral devices such as an external mouse or printer.
3. Make sure that the AC adapter is properly connected to your computer and the power source is active.
4. Leave the computer off for approximately 10 seconds, and then switch it on again. The computer should enter the boot sequence and start normally.
5. If the computer does not start normally, look for a screen message or other clues on the malfunction, and try the troubleshooting tips below.

Conquering Possible Problems

The Computer Does Not Start or Boot-Up

If the power indicator is not on, the computer is without power. Make sure you have properly attached the AC adapter and power cord, or have installed a charged battery.

If the computer is running on battery power, ensure that the battery charge is not low. If the battery appears to be charged, it may be faulty.

If the computer is using the AC adapter, ensure that the AC outlet, airplane seat jack, or car cigarette lighter are working. If the AC outlet power is working, the AC adapter may be faulty.

Hard Drive or External Boot-Up Device Is Inaccessible

If the hard disk indicator is lit, BIOS may be incorrectly set. Revise the BIOS settings for the Primary Master.

Security may be set to prevent starting the operating system.

If you choose to boot up your system from an external device through a USB port, make sure it is on and bootable media have been inserted.

The Screen Is Blank or the Display Is Abnormal

The computer may be set to an external display device only. Press **Fn + F1** to switch to the VM display.

The power management system may automatically blank the screen to save power, and is in video time-out, standby mode, or hibernation mode. Press any key, move the pointer, or push the power button to turn on the display.

The angle of the display and the brightness level is inadequate for the ambient lighting. Adjust the display angle and press **Fn + F2** or **Fn + F3** to adjust the brightness level.

The LCD screen has a default resolution of 1024 x 600 (XVGA). If you set the resolution lower than this, the screen expands to fill the display. When the system can not expand its display to full screen on the LCD screen or on an external display device, you can right click on Windows desktop and select **Properties** to open the **Display Properties** window. Then click the **Settings** tab and set the resolution to an appropriate value.

No Audio Output

The audio system is closed or the volume of audio system is too low. Use hot keys or Flybook Control Center to open the audio system and adjust the volume.

The audio output is disabled or too low for the audio application. Open the audio output and adjust the volume.

When plugging an earphone or external speaker into the earphone/line-out jack, the built-in speakers are disabled automatically. If you can not hear sound from the built-in speakers, ensure that nothing is plugged into the jack.

The keyboard, touchpad or mouse Does Not Work Properly

The system may have entered Suspend to RAM mode. Push the power button to resume the system.

An application may have locked out your input device. Restart your system.

If the keyboard or mouse does not respond on the USB port, ensure that the devices are installed properly and that drivers are installed.

Cannot Connect to a Wireless LAN

An incorrect network name (SSID) or network key may be used. Make sure you have set the network name (SSID) and key to the same values as the access point (infrastructure connection) or the computers to be connected (Ad Hoc connection) have.

The computer may be too far from other communication devices. Retry the connection after moving your computer closer to the computers to be connected with (Ad Hoc connection) or to the access point (infrastructure connection). Also, check the wave condition in the Wireless Network Connection Status window.

Check if the wireless LAN module is turned on. Verify that Disable Radio is not checked in the Network setting window.

Make sure you have access rights or network authentication to the network you want to connect to.

Try changing channels to avoid active channel duplication.

Check the setting of the protocol, work group, shared setting, and IP address.

Cannot Charge Battery or Losing Power Quickly

Verify that the battery is properly installed and it is not too hot or too cold.

Calibrate the battery.

The installed battery may be faulty. Replace it with a new one.

Having the VM Serviced

If you are unable to solve the problem, you should have the computer serviced. Pack the computer in the original carton. Include a description of the problem and a checklist of the steps you took when trying to fix the problem. The information may be useful to the service personnel. Return the computer to the place you purchased it.

Specifications

Model	**VM**
Wireless PAN:	Bluetooth 2.0 with antenna built-in
Wireless LAN:	IEEE 802.11 a/b/g (Intel 3945) with antenna built-in (Europe / NA / Japan)
Processor:	Intel LV DUO 1.66GHz
Main Memory:	1 ~ 2GB DDR2
Core Logic:	Intel 945GM
Chipset:	ICH7M
Display:	12.1” / 16:10 wide-view Color LTPS TFT LCD with (32-bit) 1280 x 768 high resolutions display
Hard Disk:	1.8” 30GB ATA x 1
DVD:	DVD Combo built - in
BIOS and Flash	Phoenix TC BIOS
External VGA Display	Up to 1800 x 1440 resolutions (highest to 32-bit color)
LAN:	10/100/1000Mbps
Camera:	VGA format built-in
Audio:	Array Mic. / Stereo Speaker built-in
Authentication:	Finger-Print device and recognition built-in
Other I/O ports:	● USB 2.0 x 2 ● PCI-Express x 1
Input Device:	● 82-key standard keyboard ● Mouse Pad and Left/Right button
Quick Buttons:	● Power ● RF Kill
Battery:	Swappable Li-Ion rechargeable battery (standard :3 x 2400mAh ; extended : 6 x 2400mAh)
Dimensions:	● Dimensions: 292 x 222 x 25.8 (thinnest) mm ● 1.64 Kg (with standard battery)
Color selection:	Black / Grey / Red
Operating System:	Microsoft Windows XP Pro or Vista Works and Trial Microsoft Office preloaded

DC-IN POWER SUPPLY (THROUGH DC-IN POWER JACK):

Input rating: 19Vdc, 3.42A , 65W

Maximum operating temperature (ambient): 28 degree C

AC ADAPTER:

Model no.: SADP-65KB DBE

Input rating: 100-240Vac, 50-60Hz, 1.5A

Output rating:19Vdc, 3.42A, Class I, marked LPS

BATTERY:

3 cell 18650 Li-Ion rechargeable battery pack

Charging: Direct DC charging

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