

# USER'S MANUAL

M81P / M815P

*notebook*





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### **FCC (Federal Communications Commission) Regulations:**

This transmitter complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This transmitter has been tested and found to comply with the limits for a Class B 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 radiated 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 receiver.
- Connect the equipment into 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.

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

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

## FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device was tested for typical laptop operations with the device contacted directly to the human body to the back side of the notebook computer. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting.



### Warning

Use only shielded cables to connect I/O devices to this equipment. You are cautioned that changes or modifications not expressly approved by the manufacturer for compliance with the above standards could void your authority to operate the equipment.

**MAX SAR Test Table**

<b>Max SAR Test Table</b>		
<b>Band</b>	<b>Position</b>	<b>SAR 1g (W/kg)</b>
GSM850	Body(0 cm Gap)	0.071
GSM1900	Body(0 cm Gap)	0.031
WCDMA Band V	Body(0 cm Gap)	0.032
WCDMA Band II	Body(0 cm Gap)	0.043

*Table I - 1 - Operating Systems Supported*

## IMPORTANT SAFETY INSTRUCTIONS

Follow basic safety precautions, including those listed below, to reduce the risk of fire, electric shock, and injury to persons when using any electrical equipment:

1. Do not use this product near water, for example near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using this equipment with a telephone line (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
5. This product is intended to be supplied by a Listed Power Unit (Full Range AC/DC Adapter – AC Input 100 - 240V, 50 - 60Hz, DC Output 19V, 1.58A).

**This Computer's Optical Device is a Laser Class 1 Product**

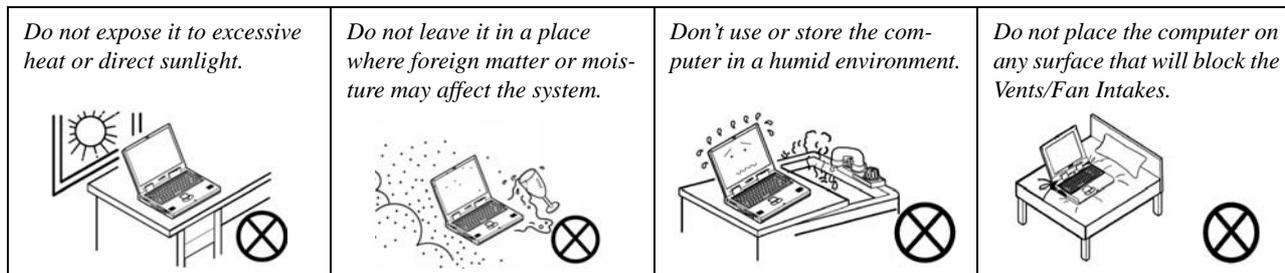
### Instructions for Care and Operation

The notebook computer is quite rugged, but it can be damaged. To prevent this, follow these suggestions:

1. **Don't drop it, or expose it to shock.** If the computer falls, the case and the components could be damaged.



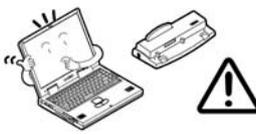
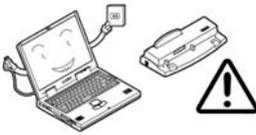
2. **Keep it dry, and don't overheat it.** Keep the computer and power supply away from any kind of heating element. This is an electrical appliance. If water or any other liquid gets into it, the computer could be badly damaged.



3. **Avoid interference.** Keep the computer away from high capacity transformers, electric motors, and other strong magnetic fields. These can hinder proper performance and damage your data.
4. **Follow the proper working procedures for the computer.** Shut the computer down properly and don't forget to save your work. Remember to periodically save your data as data may be lost if the battery is depleted.

<p><i>Do not turn off the power until you properly shut down all programs.</i></p> 	<p><i>Do not turn off any peripheral devices when the computer is on.</i></p> 	<p><i>Do not disassemble the computer by yourself.</i></p> 	<p><i>Perform routine maintenance on your computer.</i></p> 
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5. **Take care when using peripheral devices.**

<p><i>Use only approved brands of peripherals.</i></p> 	<p><i>Unplug the power cord before attaching peripheral devices.</i></p> 
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### Power Safety

The computer has specific power requirements:



#### Power Safety Warning

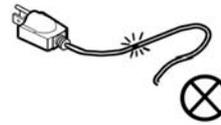
Before you undertake any upgrade procedures, make sure that you have turned off the power, and disconnected all peripherals and cables (including telephone lines). It is advisable to also remove your battery in order to prevent accidentally turning the machine on.

- Only use a power adapter approved for use with this computer.
- Your AC/DC adapter may be designed for international travel but it still requires a steady, uninterrupted power supply. If you are unsure of your local power specifications, consult your service representative or local power company.
- The power adapter may have either a 2-prong or a 3-prong grounded plug. The third prong is an important safety feature; do not defeat its purpose. If you do not have access to a compatible outlet, have a qualified electrician install one.
- When you want to unplug the power cord, be sure to disconnect it by the plug head, not by its wire.
- Make sure the socket and any extension cord(s) you use can support the total current load of all the connected devices.
- Before cleaning the computer, make sure it is disconnected from any external power supplies (i.e. AC/DC adapter or car adapter).

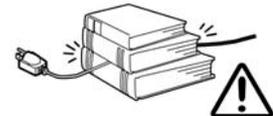
*Do not plug in the power cord if you are wet.*



*Do not use the power cord if it is broken.*



*Do not place heavy objects on the power cord.*



## Battery Precautions

- Only use batteries designed for this computer. The wrong battery type may explode, leak or damage the computer.
- Do not remove any batteries from the computer while it is powered on.
- Do not continue to use a battery that has been dropped, or that appears damaged (e.g. bent or twisted) in any way. Even if the computer continues to work with a damaged battery in place, it may cause circuit damage, which may possibly result in fire.
- If you do not use the battery for an extended period, then remove the battery from the computer for storage.
- Recharge the batteries using the notebook's system. Incorrect recharging may make the battery explode.
- Do not try to repair a battery pack. Refer any battery pack repair or replacement to your service representative or qualified service personnel.
- Keep children away from, and promptly dispose of a damaged battery. Always dispose of batteries carefully. Batteries may explode or leak if exposed to fire, or improperly handled or discarded.
- Keep the battery away from metal appliances.
- Affix tape to the battery contacts before disposing of the battery.
- Do not touch the battery contacts with your hands or metal objects.



### Battery Disposal & Caution

The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used battery according to the manufacturer's instructions.

## Preface

### Cleaning

Do not apply cleaner directly to the computer; use a soft clean cloth.

Do not use volatile (petroleum distillates) or abrasive cleaners on any part of the computer.

### Servicing

Do not attempt to service the computer yourself. Doing so may violate your warranty and expose you and the computer to electric shock. Refer all servicing to authorized service personnel. Unplug the computer from the power supply. Then refer servicing to qualified service personnel under any of the following conditions:

- When the power cord or AC/DC adapter is damaged or frayed.
- If the computer has been exposed to rain or other liquids.
- If the computer does not work normally when you follow the operating instructions.
- If the computer has been dropped or damaged (do not touch the poisonous liquid if the LCD panel breaks).
- If there is an unusual odor, heat or smoke coming from your computer.



#### Removal Warning

When removing any cover(s) and screw(s) for the purposes of device upgrade, remember to replace the cover(s) and screw(s) before turning the computer on.

## Travel Considerations

### Packing

As you get ready for your trip, run through this list to make sure the system is ready to go:

1. Check that the battery pack and any spares are fully charged.
2. Power off the computer and peripherals.
3. Close the display panel and make sure it's latched.
4. Disconnect the AC/DC adapter and cables. Stow them in the carrying bag.
5. The AC/DC adapter uses voltages from 100 to 240 volts so you won't need a second voltage adapter. However, check with your travel agent to see if you need any socket adapters.
6. Put the notebook in its carrying bag and secure it with the bag's straps.
7. If you're taking any peripherals (e.g. a printer, mouse or digital camera), pack them and those devices' adapters and/or cables.
8. Anticipate customs - Some jurisdictions may have import restrictions or require proof of ownership for both hardware and software. Make sure your documents are prepared.



#### Power Off Before Traveling

Make sure that your notebook is completely powered off before putting it into a travel bag (or any such container). Putting a notebook which is powered on in a travel bag may cause the vent(s)/fan intake(s)/outlet(s) to be blocked. To prevent your computer from overheating make sure nothing blocks the vent(s)/fan intake(s)/outlet(s) while the computer is in use.

### On the Road

In addition to the general safety and maintenance suggestions in this preface, and Chapter 8: Troubleshooting, keep these points in mind:

**Hand-carry the notebook** - For security, don't let it out of your sight. In some areas, computer theft is very common. Don't check it with normal luggage. Baggage handlers may not be sufficiently careful. Avoid knocking the computer against hard objects.

**Beware of Electromagnetic fields** - Devices such as metal detectors & X-ray machines can damage the computer, hard disk, floppy disks, and other media. They may also destroy any stored data - Pass your computer and disks around the devices. Ask security officials to hand-inspect them (you may be asked to turn it on). **Note:** Some airports also scan luggage with these devices.

**Fly safely** - Most airlines have regulations about the use of computers and other electronic devices in flight. These restrictions are for your safety, follow them. If you stow the notebook in an overhead compartment, make sure it's secure. Contents may shift and/or fall out when the compartment is opened.

**Get power where you can** - If an electrical outlet is available, use the AC/DC adapter and keep your battery(ies) charged.

**Keep it dry** - If you move quickly from a cold to a warm location, water vapor can condense inside the computer. Wait a few minutes before turning it on so that any moisture can evaporate.

## Developing Good Work Habits

Developing good work habits is important if you need to work in front of the computer for long periods of time. Improper work habits can result in discomfort or serious injury from repetitive strain to your hands, wrists or other joints. The following are some tips to reduce the strain:

- Adjust the height of the chair and/or desk so that the keyboard is at or slightly below the level of your elbow. Keep your forearms, wrists, and hands in a relaxed position.
- Your knees should be slightly higher than your hips. Place your feet flat on the floor or on a footrest if necessary.
- Use a chair with a back and adjust it to support your lower back comfortably.
- Sit straight so that your knees, hips and elbows form approximately 90-degree angles when you are working.
- Take periodic breaks if you are using the computer for long periods of time.



### Remember to:

- Alter your posture frequently.
- Stretch and exercise your body several times a day.
- Take periodic breaks when you work at the computer for long periods of time. Frequent and short breaks are better than fewer and longer breaks.



### Lighting

Proper lighting and comfortable display viewing angle can reduce eye strain and muscle fatigue in your neck and shoulders.

- Position the display to avoid glare or reflections from overhead lighting or outside sources of light.
- Keep the display screen clean and set the brightness and contrast to levels that allow you to see the screen clearly.
- Position the display directly in front of you at a comfortable viewing distance.
- Adjust the display-viewing angle to find the best position.

### LCD Screen Care

To prevent **image persistence** on LCD monitors (caused by the continuous display of graphics on the screen for an extended period of time) take the following precautions:

- Set the *Windows* **Power Plans** to turn the screen off after a few minutes of screen idle time.
- Use a rotating, moving or blank screen saver (this prevents an image from being displayed too long).
- Rotate desktop background images every few days.
- Turn the monitor off when the system is not in use.

# Chapter 1: Quick Start Guide

## Overview

This Quick Start Guide is a brief introduction to the basic features of your computer, to navigating around the computer and to getting your system started.

## Advanced Users

If you are an advanced user you may skip over most of this Quick Start Guide. You may also find the notes marked with a  of interest to you.

## Beginners and Not-So-Advanced Users

If you are new to computers (or do not have an advanced knowledge of them) then the information contained in this Quick Start Guide should be enough to get you up and running. Keep this manual nearby and refer to it to learn as you go. You may find it useful to refer to the notes marked with a  as indicated in the margin.

## Warning Boxes

No matter what your level please pay careful attention to the warning and safety information indicated by the  symbol. Also please note the safety and handling instructions as indicated in the *Preface*.



### Notes

Check the light colored boxes with the mark above to find detailed information about the computer's features.

## Not Included

Operating Systems (e.g. *Windows 7*) and applications (e.g. word processing, spreadsheet and database programs) have their own manuals, so please consult the appropriate manuals.



### Drivers

If you are installing new system software, or are re-configuring your computer for a different system, you will need to install the drivers on the CD supplied. Drivers are programs which act as an interface between the computer and a hardware component e.g. a wireless network module. You will be unable to use most advanced controls until the necessary drivers and utilities are properly installed. If your system is already configured your service representative may have already installed all the drivers for you.

## System Software

Your computer may already come with system software pre-installed. Where this is not the case, or where you are re-configuring your computer for a different system, you will find that this manual refers to the *Windows 7* operating system version as indicated below.

Operating System & Version	Note
Windows 7(32-bit Version Only)	In order to run <b>Windows 7</b> without limitations or decreased performance, your computer requires a minimum <b>1GB</b> of system memory (RAM).

Table 1 - 1 - Operating Systems Supported

## System Startup

1. Remove all packing materials, and place the computer on a stable surface.
2. Securely attach any peripherals you want to use with the notebook (e.g. keyboard and mouse) to their ports.
3. Attach the AC/DC adapter to the DC-In jack on the left of the computer, then plug the AC power cord into an outlet, and connect the AC power cord to the AC/DC adapter.
4. Use one hand to carefully raise the lid/LCD to a comfortable viewing angle, while using the other hand (as illustrated in **Figure 1 - 1** below) to support the base of the computer (**Note: Never** lift the computer by the lid/LCD).
5. Press the power button to turn the computer “on”.



### Shutdown

Note that you should always shut your computer down by choosing the **Turn Off Computer** command from the **Start** menu in **Windows**. This will help prevent hard disk or system problems.

*Figure 1 - 1 - Opening the Lid/LCD/Computer with AC/DC Adapter Plugged-In*

## System Map: LCD Panel Open

Figure 1 - 2  
LCD Panel Open

1. Built-In PC Camera
2. LCD
3. Speakers
4. Power Button
5. Keyboard
6. Built-In Microphone
7. Touchpad & Buttons



### Wireless Device Operation Aboard Aircraft

The use of any portable electronic transmission devices aboard aircraft is usually prohibited. Make sure the module(s) are OFF if you are using the computer aboard aircraft.

Use the key combination to toggle power to the **3.75G** modules, and check the LED indicator icon to see if the modules are powered on or not (see [Table 1 - 2](#), on [page 1 - 6](#); [Table 1 - 3](#), on [page 1 - 8](#)).

# Keyboard

The keyboard has a numerical keypad for easy numeric data input, and features function keys to allow you to change operational features instantly. See [Table 1 - 2, on page 1 - 6](#) for details on the function keys.



## Special Characters

Some software applications allow the number-keys to be used with **Alt** to produce special characters. These special characters can only be produced by using the numeric keypad. Regular number keys (in the upper row of the keyboard) will not work. Make sure that **NumLk** is on.

Figure 1 - 3 - Keyboard

## Other Keyboards

If your keyboard is damaged or you just want to make a change, you can use any standard USB keyboard. The system will detect and enable it automatically. However special functions/hot-keys unique to the system's regular keyboard may not work.

## Function/Hot Key Indicators

The **function keys** (F1 - F12 etc.) will act as **hot keys** when pressed while the **Fn** key is held down.

Keys	Function	Keys	Function
Fn + ~	Play/Pause (in Audio/Video Programs)	Fn + F7	Display Toggle
Fn + 	3.75G Module Power Toggle 	Fn + F8/F9	Brightness Decrease/ Increase 
Fn + F1	TouchPad Toggle 	Fn + F10	PC Camera Power Toggle 
Fn + F2	Turn LCD Backlight Off (Press a key to or use TouchPad to turn on)	Fn + NumLk	Number Lock Toggle 
Fn + F3	Mute Toggle 	Fn + ScrLk	Scroll Lock Toggle 
Fn + F4	Sleep Toggle	Caps Lock	Caps Lock Toggle 
Fn + F5/F6	Volume Decrease/ Increase 		

Table 1 - 2 - Function & Hot Key Indicators

## System Map: Front & Rear Views

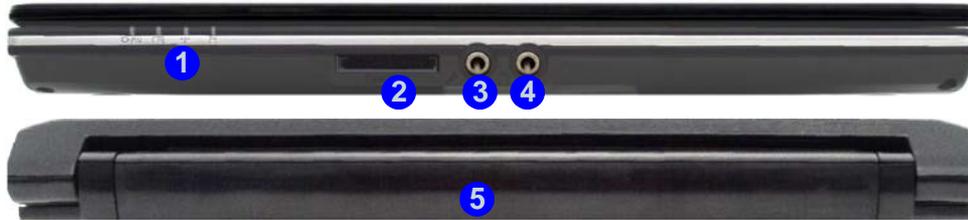


Figure 1 - 4  
Front & Rear Views

1. LED Power & Communication Indicators
2. 7-in-1 Card Reader
3. Microphone-In Jack
4. Headphone-Out Jack
5. Battery



### 7-in-1 Card Reader

The card reader allows you to use the most popular digital storage card formats:

MMC (MultiMedia Card) / SD (Secure Digital) / MS (Memory Stick) /  
MS Pro (Memory Stick Pro) / MS Duo (requires PC adapter) /  
Mini SD (requires PC adapter) / RS MMC (requires PC adapter)

## LED Indicators

Icon	Color	Description
	Orange	DC Power is Plugged In
	Green	The Computer is On
	Blinking Green	The Computer is in Sleep Mode
	Orange	The Battery is Charging
	Green	The Battery is Fully Charged
	Blinking Orange	The Battery Has Reached Critically Low Power Status
	Green	Hard Disk Activity

Table 1 - 3 - LED Indicators

## System Map: Left & Right Views

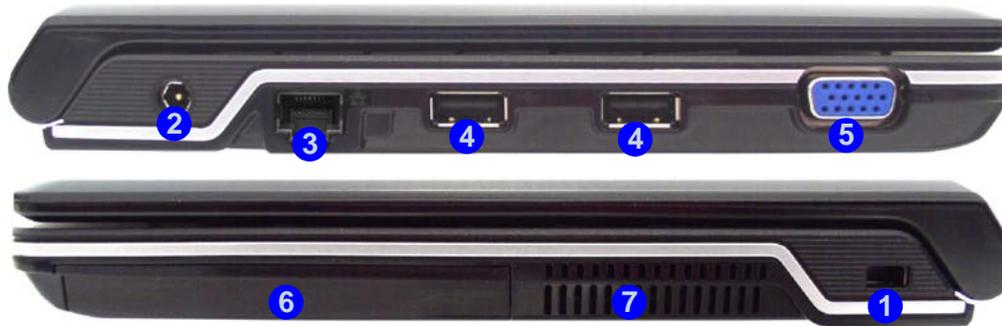


Figure 1 - 5  
Left & Right Views

1. Security Lock Slot
2. DC-In Jack
3. RJ-45 LAN Jack
4. 2 \* USB 2.0 Ports
5. External Monitor Port
6. Hard Disk Drive Bay
7. Vent/Fan Intake/Outlet



### External Optical (CD/DVD) Device Drives

To install applications and drivers etc. you will need to attach an external optical CD/DVD device to the USB ports.



### Overheating

To prevent your computer from overheating make sure nothing blocks the vent(s)/fan intake(s) while the computer is in use.

## System Map: Bottom View

Figure 1 - 6  
Bottom View

1. Battery
2. Vent/Fan Intake/Outlet
3. Hard Disk Bay



### CPU

The CPU is not a user serviceable part. Opening this compartment, or accessing the CPU in any way, may violate your warranty.



### 3.75G/HSPA Module USIM Card

The 3.75G/HSPA module's USIM card location is located under the battery compartment. See page 1 - 11 for instructions on installing the 3.75G/HSPA USIM card.

### Battery Information

Always completely discharge, then fully charge, a new battery before using it. Completely discharge and charge the battery at least once every 30 days or after about 20 partial discharges.

### 3.75G/HSPA Module USIM Card Installation

If you have included an optional 3.75G/HSPA module in your purchase option, follow the instructions below to install the USIM card (which will be provided by your service provider), and then run the **Mobile Partner** application. See *“Mobile Partner” on page 2 - 3* for instructions on installing the program etc.

1. Turn **off** the computer, and turn it over and then remove the battery (slide the latches in the direction indicated below and slide the battery out).
2. Insert the USIM card as illustrated below until it clicks fully into position, and replace the battery.



Figure 1 - 7 - Battery Removal & USIM Card Insertion

## Windows 7 Start Menu & Control Panel

Most of the control panels, utilities and programs within *Windows 7* (and most other *Windows* versions) are accessed from the **Start** menu. When you install programs and utilities they will be installed on your hard disk drive, and a shortcut will usually be placed in the **Start** menu and/or the desktop. Right-click the **Start** menu icon , and then select **Properties** if you want to customize the appearance of the **Start** menu.

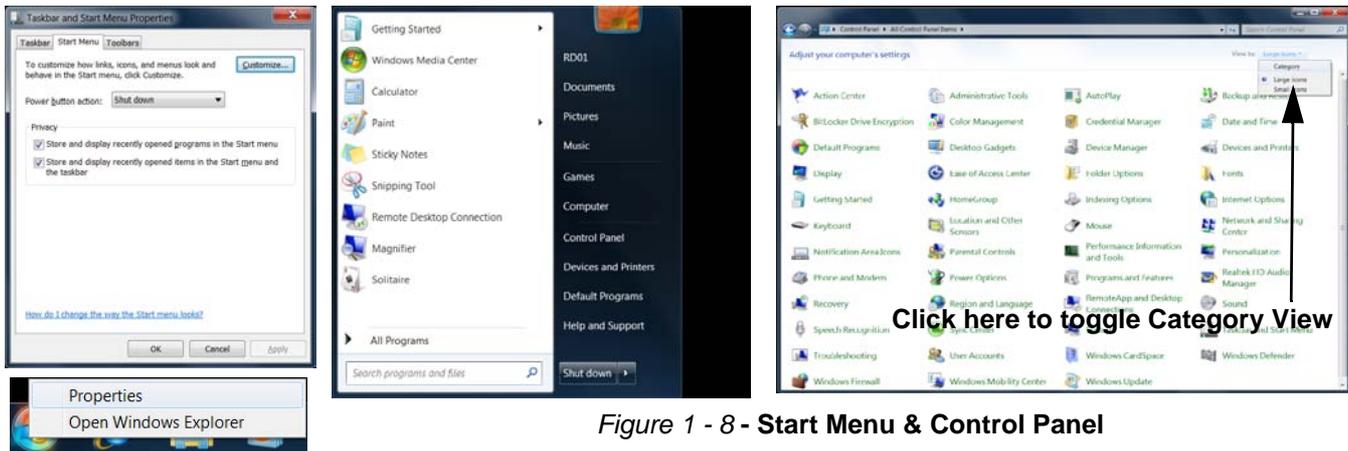


Figure 1 - 8 - Start Menu & Control Panel

In many instances throughout this manual you will see an instruction to open the **Control Panel**. The **Control Panel** is accessed from the **Start** menu, and it allows you to configure the settings for most of the key features in *Windows* (e.g. power, video, network, audio etc.). *Windows 7* provides basic controls for many of the features, however many new controls are added (or existing ones are enhanced) when you install the drivers. To see all controls it may be necessary to toggle off *Category View* to view the control panel icons.

## Video Features

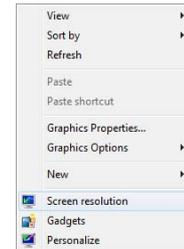
You can configure display options from the **Display (Control Panel)** and **Screen Resolution** in *Windows*.

To access **Display (Control Panel)** and **Screen Resolution** in *Windows*:

1. Click **Start** and click **Control Panel**.
2. Click **Display** (icon) - In the **Appearances and Personalization** category.
3. Click **Adjust Screen Resolution/Adjust resolution**.

OR

4. Alternatively you can right-click the desktop and select **Screen resolution** (see right).
5. Use the dropbox to select the screen **Resolution ①** (*Figure 1 - 9 on page 1 - 14*).
6. Click **Advanced settings ②** (*Figure 1 - 9 on page 1 - 14*) to bring up the **Advanced** properties tabs.



To access the *Intel(R) Graphics Media Accelerator Driver for mobile* control panel:

1. Click **Advanced settings ②** (*Figure 1 - 9 on page 1 - 14*) in the **Screen Resolution** control panel in *Windows*.
2. Click the **Intel(R)... tab ③** (*Figure 1 - 9 on page 1 - 14*) and click **Graphics Properties** (button).

OR

3. Right-click the desktop and select **Graphics Properties** from the menu.

OR

4. Click the icon  in the taskbar and select **Graphics Properties** from the menu.

## Screen Resolution &amp; Intel GMA Control Panel

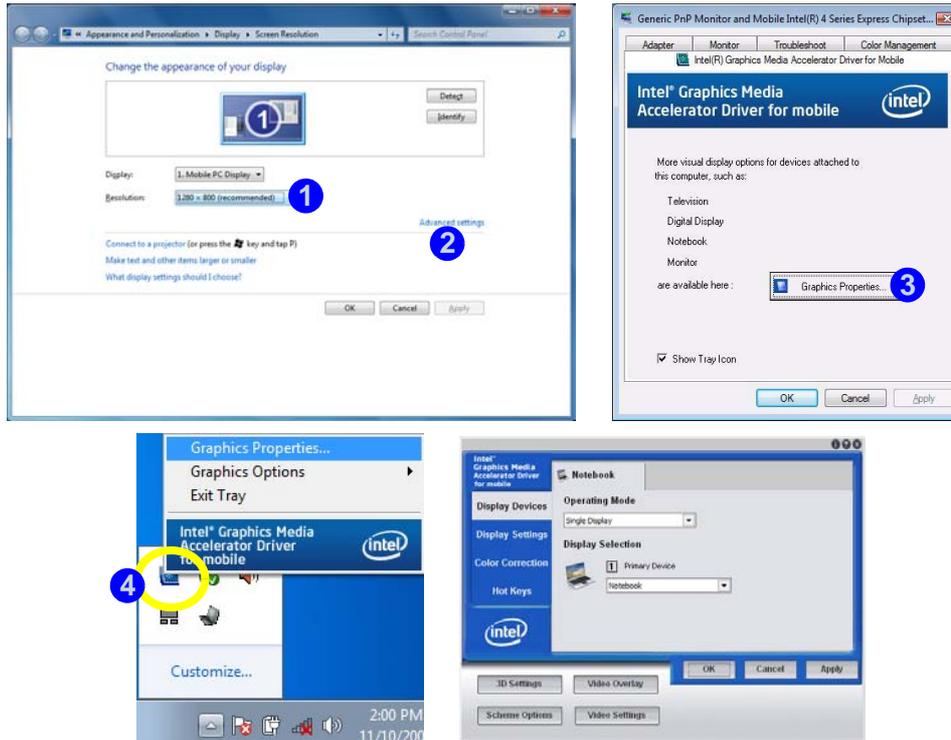


Figure 1 - 9 - Screen Resolution & Intel GMA Driver for Mobile Control Panel

## Power Options

The **Power Options** (**Hardware and Sound** menu) control panel icon in *Windows* (see page *1 - 12*) allows you to configure power management features for your computer. You can conserve power by means of **power plans** and configure the options for the **power button**, **sleep button**, **computer lid (when closed)**, **display** and **sleep mode** from the left menu. Note that the **Power saver** plan may have an affect on computer performance.

Click to select one of the existing plans, or click *Create a power plan* in the left menu and select the options to create a new plan. Click *Change plan settings* and click *Change advanced power settings* to access further configuration options.

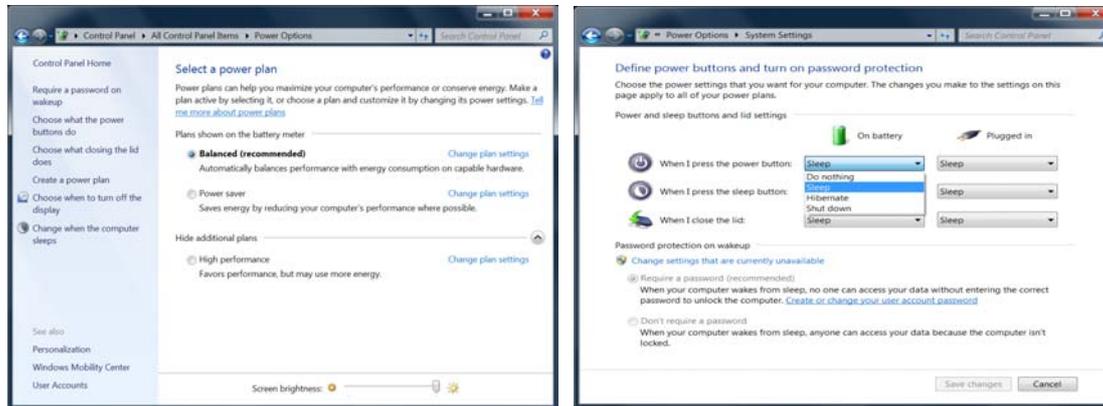


Figure 1 - 10 - Power Options



# Chapter 2: 3.75G/HSPA Module

## 3.75G/HSPA Module

If you have included an **optional 3.75G/HSPA** (High Speed Packet Access) module in your purchase option, you will have the appropriate application (**Mobile Partner**) provided for your particular module. Follow the instructions *on page 1 - 11* to install the USIM card (supplied by your service provider), and then install the application (see over for further details).

## 3.75G/HSPA Module

2



### 3.75G/HSPA Modules & System Wake Up

Note that the 3.75G modules **DO NOT** support system wake up on 3.75G/HSPA modem activity.

**Before installing the application, make sure that the 3.75G/HSPA module is ON** (installing the driver with the module off will not allow the software to detect the module hardware correctly). Use the **Fn + ** key combination (see *“Function/Hot Key Indicators” on page 1 - 6*) to toggle power to the 3.75G/HSPA module. Note that exiting the application does **NOT** turn off the 3.75G/HSPA module.

- **Mobile Partner** - See *“Mobile Partner Application Installation” on page 2 - 3* for driver installation information and *“Mobile Partner Application” on page 2 - 4* for instructions on using the **Mobile Partner** application.

## Mobile Partner

With the **3.75G/HSPA** module and USIM card (supplied by your service provider) installed you may then install the **Mobile Partner** application. The **Mobile Partner** application allows you to directly access your HSPA internet service from the computer.

### Mobile Partner Application Installation

1. **Enable power to the module** by pressing the **Fn + ** key combination (the module must be **ON** when the driver is being installed - give the module about 10 seconds to power on).  
If a *Found New Hardware* window appears, click **Cancel** (click **Cancel** for all *Found New Hardware* windows that appear).
2. Insert the *Device Drivers & Utilities + User's Manual disc* into your external optical device drive.
3. Click **Option Drivers** (button).
4. Click **3.Install 3G Driver > Yes**, and then click **Next**.
5. Choose the language you prefer and click **OK**.
6. Click **I Agree** (button) to accept the license agreement.
7. Click **Next > Install**.
8. Click **Finish** to restart the computer.
9. Access the **Mobile Partner** application from the **Start** menu (**Start > Programs/All Programs > Mobile Partner**), or by double-clicking the **Mobile Partner** icon on the desktop.



### Wireless Device Operation Aboard Aircraft

The use of any portable electronic transmission devices aboard aircraft is usually prohibited. Make sure the module(s) are OFF if you are using the computer aboard aircraft.

Use the **Fn + ** key combination to toggle power to the 3.75G/HSPA modem module, and check the indicator to see if the module is powered on or not (see [Table 1 - 2, on page 1 - 6](#) / [Table 1 - 3, on page 1 - 8](#)).



### Mobile Partner Help

To get help on **Mobile Partner** configuration and settings, click the **Help** menu and select **Online Help** or press **F1**.

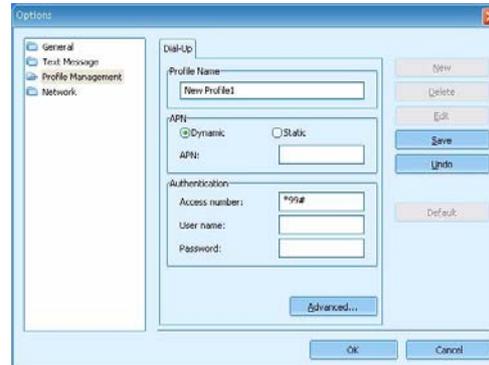


## Mobile Partner Application

You will need to contact your service provider to obtain the exact details of how exactly to configure the settings on this page.

## Profile Management

1. Power on the 3.75G/HSPA module using the **Fn + [F12]** key combination.
2. Access the **Mobile Partner** application from the **Start** menu (**Start > Programs/ All Programs > Mobile Partner**), or by double-clicking the **Mobile Partner** icon on the desktop .
3. If you have not created a profile, click **Tools** and select **Options**, and then click **Profile Management**.
4. Click **New**  and input the appropriate information for **Profile Name**, **APN** and **Authentication** etc. as supplied by your service provider.
5. Click **Save**  to save the profile.



*Figure 2 - 1*  
**Profile Management**

## Connecting to the Service Provider

1. Power on the 3.75G/HSPA module using the **Fn +**  key combination.
2. Access the **Mobile Partner** application from the **Start** menu (**Start > Programs/ All Programs > Mobile Partner**), or by double-clicking the **Mobile Partner** icon on the desktop .
3. The software will run and you can select the **Profile Name** from the menu.
4. Click **Connect**  to begin the connection process.



*Figure 2 - 2*  
**Connect**

5. The Mobile Partner application will then display the connection information.



*Figure 2 - 3*  
**Network  
Connection Prompt**

*Figure 2 - 4*  
**Connected  
Taskbar  
Notification**

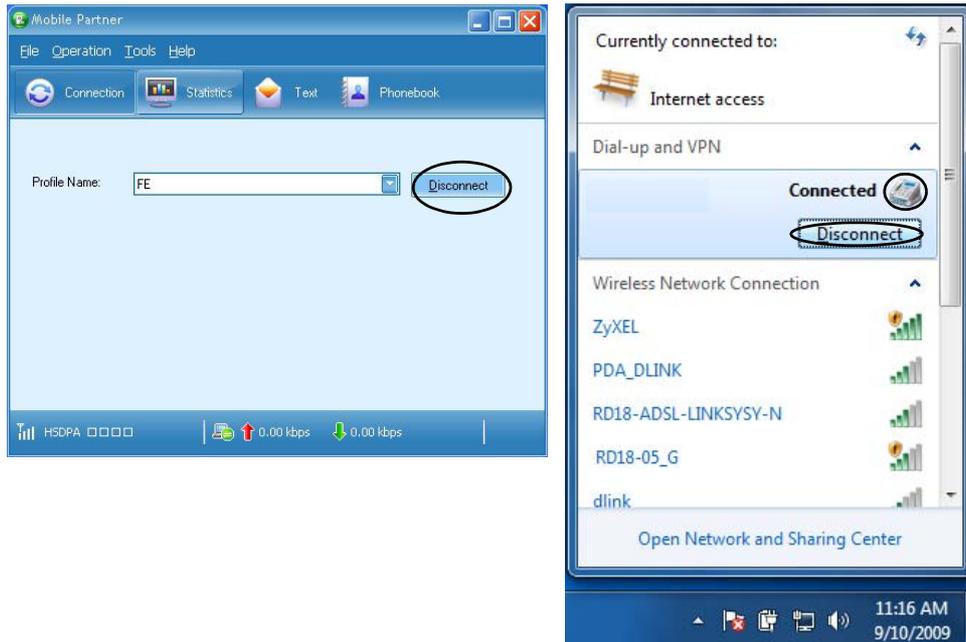
- When the connection is successful you can move the cursor over the network icon in the taskbar to display the connection information.



- You can then access the internet, download e-mail etc. as per any internet connection.
- While you are connected the indicators in the Mobile Partner window will display uploading and downloading icons and a network icon in the taskbar .



9. To disconnect click the **Disconnect**  icon, or right click the taskbar icon and select **Disconnect**.



*Figure 2 - 5*  
**Disconnect**

10. The program will disconnect from the service provider.  
11. The module will still be on, and you will need to press the **Fn +**  key combination to turn it off.

Figure 2 - 6  
Exit Prompt

12. If you click the **Mobile Partner** close icon  a message will be displayed asking you to click **OK** to confirm the program exit and to **terminate the connection**.



13. Exiting the program terminates the connection, but DOES NOT turn off the 3.75G/HSPA module, and you will need to press the **Fn + ** key combination to turn off the module (pay careful attention to this aboard aircraft - see ***“Wireless Device Operation Aboard Aircraft” on page 2 - 3***).
14. If the module is on and the computer enters a power-saving state, then the power status of the module on resuming from the power-saving state will be as below:
  - If the 3.75G/HSPA module is on and the computer is **Shut Down or Restarted**; the module will be **off** when the computer starts up.
  - If the 3.75G/HSPA module is on and the computer enters **Sleep or Hibernate**; the module will be **off** when the computer resumes from sleep.

## Text Messaging Service

In addition to standard internet services you may also send and receive SMS text messages using the **Mobile Partner** program, if your service supports SMS.

### Reading SMS Messages

1. An icon  will blink at the bottom of the **Mobile Partner** interface to notify you of any new messages received.
2. Click the **Text** icon  in the **Mobile Partner** Interface.
3. Select the **Local > Inbox** or **SIM/USIM Card** folder and select any message to read it.
4. Right-click the message and choose an option to reply, forward or delete the message.

### Creating and Sending SMS Messages

1. Click the **Text** icon  in the **Mobile Partner** Interface.
2. Click the **New** button .
3. Enter the recipient's number in the **Send To...** field or click the **Send To...** button to select an entry from the phone book, and click **OK**.
4. Type in the message details.
5. Click the **Send** button, **Save** button to send the message later or **Close > Yes** to save in the **Draft** folder.

For more details on SMS click the **Help** menu and select **Online Help** or press **F1** and select **SMS**.



# Appendix A: Specifications



## Latest Specification Information

The specifications listed in this Appendix are correct at the time of going to press. Certain items (particularly processor types/speeds and CD/DVD device types) may be changed, updated or delayed due to the manufacturer's release schedule. Check with your service center for details.

## Specifications

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<b>Processor</b>	<b>Video Adapter</b>	<b>Audio</b>
Intel® Atom® Processor <b>N270</b> <b>1.67 GHz</b> , 512KB On-die L2 Cache & 557MHz FSB, 5.5W - BGA Package, 45nm (45 Nanometer) Process Technology	Intel NM10 Integrated Video Supports DirectX 9.0 Shared Memory Architecture (up to <b>256MB</b> shared video memory dynamically allocated from system memory where needed)	High Definition Audio Compliant Interface Compliant with Microsoft UAA (Universal Audio Architecture) Direct Sound 3D™ Compatible 2 * Built-In Speakers Built-In Microphone
<b>Core Logic</b>	<b>BIOS</b>	<b>Pointing Device</b>
Intel® NM10 Express Chipset	One 8Mb SPI Flash ROM Phoenix™ BIOS	Built-in TouchPad (with Multi-Gesture Support)
<b>Display</b>	<b>Storage</b>	<b>Keyboard</b>
10.1" WSVGA (1024 * 600) TFT LCD	One Changeable 2.5" 9.5 mm (h) <b>SATA</b> (Serial) Hard Disk Drive <b>Note:</b> It is recommended that HDDs of a speed of 5400 RPM are used. <b>DO NOT</b> use 7200rpm HDDs. External Super-Multi Optical Device Drive with USB Interface ( <b>Factory Option</b> )	"WinKey" keyboard (with embedded numeric keypad)
<b>Memory</b>	<b>Security</b>	<b>Interface</b>
64-bit Wide DDR2 Data Channel One 200 Pin SO-DIMM Socket Supporting <b>DDRII (DDR2)</b> 667MHz Memory Memory Expandable up to 2GB (Using 1GB/2GB Modules)	Kensington Lock	Two USB 2.0 Ports One Headphone-Out Jack One Microphone-In Jack One External Monitor Port One RJ-45 LAN Jack One DC-in Jack

<b>Communication</b>	<b>Power Management</b>
<p>10Mb/100Mb Base-T Ethernet LAN</p> <p>*UMTS/HSPDA-based 3.75G/HSPA Module with Mini Card Interface (<b>Factory Option</b>)</p> <p>Quad-band GSM/GPRS (850 MHz, 900 MHz, 1800 MHz, 1900 MHz) UMTS WCDMA FDD (2100 MHz)</p> <p><b>Note that UMTS modes CAN NOT be used in North America</b></p>	<p>Wake On LAN Wake On USB</p>
<b>Operating System</b>	<b>Power</b>
<p>Windows® 7</p>	<p>Full Range AC/DC Adapter AC Input: 100 - 240V, 50 - 60Hz DC Output: 19V, 1.58A (30 Watts)</p>
<b>Card Reader</b>	<b>Battery</b>
<p>Embedded 7-in-1 Card Reader (MS/ MS Pro/ SD/ Mini SD/ MMC/ RS MMC/ MS Duo)</p> <p><b>Note:</b> MS Duo/ Mini SD/ RS MMC Cards require a PC adapter</p>	<p>Polymer Battery Pack, 26.27WH</p>
<b>Slot</b>	<b>Environmental Spec</b>
<p>Mini-Card Slot for 3.75G/HSPA Module with USB Interface</p>	<p>Temperature</p> <p>Operating: 5°C - 35°C Non-Operating: -20°C - 60°C</p> <p>Relative Humidity</p> <p>Operating: 20% - 80% Non-Operating: 10% - 90%</p>
	<b>Dimensions &amp; Weight</b>
	<p>271mm (w) * 188.6mm (d) * 19.5 - 28mm (h) Around 1.2 kg With Battery</p>

## Specifications

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