# Aspire 8730/8730Z/8530 Series
# Service Guide

Service guide files and updates are available on the ACER/CSD web; for more information, please refer to http://csd.acer.com.tw

# Revision History

Please refer to the table below for the updates made on Aspire 8730/8730Z/8530 Series service guide.

| Date | Chapter | Updates |
|------|---------|---------|
|      |         |         |
|      |         |         |
|      |         |         |

# Copyright

# Disclaimer

# Conventions

The following conventions are used in this manual:

| | |
|---|---|
| `SCREEN MESSAGES` | Denotes actual messages that appear on screen. |
| **NOTE** | Gives bits and pieces of additional information related to the current topic. |
| **WARNING** | Alerts you to any damage that might result from doing or not doing specific actions. |
| **CAUTION** | Gives precautionary measures to avoid possible hardware or software problems. |
| **IMPORTANT** | Reminds you to do specific actions relevant to the accomplishment of procedures. |

# Preface

Before using this information and the product it supports, please read the following general information.

1. This Service Guide provides you with all technical information relating to the BASIC CONFIGURATION decided for Acer's "global" product offering. To better fit local market requirements and enhance product competitiveness, your regional office MAY have decided to extend the functionality of a machine (e.g. add-on card, modem, or extra memory capability). These LOCALIZED FEATURES will NOT be covered in this generic service guide. In such cases, please contact your regional offices or the responsible personnel/channel to provide you with further technical details.

2. Please note WHEN ORDERING FRU PARTS, that you should check the most up-to-date information available on your regional web or channel. If, for whatever reason, a part number change is made, it will not be noted in the printed Service Guide. For ACER-AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code to those given in the FRU list of this printed Service Guide. You MUST use the list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

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# System Specifications

## Features

Below is a brief summary of the computer's many feature:

### Platform

For Aspire 8730/8730Z Series

Intel® Centrino® 2 processor technology, featuring:

- Intel® Core™2 Duo processor
- Intel® Pentium® dual-core processor*
- Mobile Intel® PM45/GM45 Express Chipset*
- Intel® Wireless WiFi Link 5100/5300*
- Acer InviLink™ Nplify™ 802.11b/g/Draft-N*
- Acer InviLink™ 802.11b/g*

For Aspire 8530 Series

AMD Better By Design program, featuring:

- AMD Turion™ X2 Ultra dual-core mobile processor*
- AMD Turion™ X2 dual-core mobile processor*
- AMD Athlon™ X2 dual-core mobile processor*
- AMD M780G Chipset*
- Acer InviLink™ Nplify™ 802.11b/g/Draft-N*
- Acer InviLink™ 802.11b/g*

### System Memory

- Dual-channel SDRAM support
- Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules*

### Display and graphics

- 16:9 aspect ratio
- 18.4" Full HD 1920 x 1080*
- 18.4" HD+ 1680 x 945*
- Digital TV-tuner supporting DVB-T*

For Aspire 8730/8730Z Series:

- Mobile Intel® GM45 Express Chipset*
- NVIDIA® GeForce® 9300M GS*
- NVIDIA® GeForce® 9600M GT*

For Aspire 8530 Series

- ATI Radeon™ HD 3200 Graphics*
- ATI Mobility Radeon™ HD 3470 Hybrid x 2*
- ATI Mobility Radeon™ HD 3650*

## Storage subsystem

- 2.5" hard disk drive
- Optical drive options:

  •Blu-ray Disc™/DVD-Super Multi double-layer drive*

  •DVD-Super Multi double-layer drive*
- 6-in-1 card reader

## Special keys and controls

- 105/106-key keyboard
- Touchpad pointing device

## Audio

- Dolby®-optimized surround sound system with two built-in stereo speakers and one subwoofer* supporting low-frequency effects
- True5.1-channel surround sound output
- High-definition audio support
- S/PDIF (Sony/Philips Digital Interface) support for digital speakers
- MS-Sound compatible
- Built-in microphone

## Communication

- Acer Video Conference, featuring:

  •Integrated Acer Crystal Eye webcam*

  •Optional Acer Xpress VoIP phone*
- WLAN:

  •Intel® Wireless WiFi Link 5100/5300*

  •Acer InviLink™ Nplify™ 802.11b/g/Draft-N*

  •Acer InviLink™ 802.11b/g*
- WPAN: Bluetooth® 2.0+Enhanced Data Rate (EDR)*
- LAN: Gigabit Ethernet; Wake-on-LAN ready
- Modem: 56K ITU V.92; Wake-on-Ring ready

## I/O Ports

- ExpressCard™/54 slot
- Acer Bio-Protection fingerprint reader*
- 6-in-1 card reader (SD/MMC/MMCplus™/MS/MS PRO/xD)
- USB 2.0 port
- HDMI™ port with HDCP support
- External display (VGA) port
- Consumer infrared (CIR) port
- RF-in jack*
- Headphones/speaker/line-out jack with S/PDIF support
- Microphone-in jack
- Line-in jack
- Ethernet (RJ-45) port

- Modem (RJ-11) port
- DC-in jack for AC adapter

## Environment

- Temperature:
  - Operating: 5 °C to 35 °C
  - Non-operating: -20 °C to 65 °C
- Humidity (non-condensing):
  - Operating: 20% to 80%
  - Non-operating: 20% to 80%

**NOTE:** "*" "Only for certain models"

**NOTE:** The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.

# System Block Diagram

For Aspire 8730/8730Z Series:

**Big Bear 2 Block Diagram**

CLK GEN.
RTM875N-606-VD *3*

RJ11 *35*

Line Out
(SPDIF) *35*

INT.SPKR *35*

MIC In *35*

Line In *35*

INT.MIC *35*

DDR2 DIMM1
667/800 MHz *12*

DDR2 DIMM2
667/800 MHz *13*

MODEM
MDC Card *25*

OP AMP
G1412 *34*

OP AMP
G1431Q *34*

Codec
ALC888S
VC *33*

BIOS/DASH
2Mb *37*

1st HDD SATA
2nd HDD SATA *24*

ODD SATA *24*

Mobile CPU
Penryn *4,5*

Cantiga
AGTL+ CPU I/F
DDR Memory I/F
INTEGRATED GRAPHICS
LVDS, CRT I/F *6,7,8,9,10,11*

ICH9M
6 PCIe ports
PCI/PCI BRIDGE
ACPI 2.0
4 SATA
12 USB 2.0/1.1 ports
ETHERNET (10/100/1000/AME)
High Definition Audio
LPC I/F
Serial Peripheral I/F
Matrix Storage Technology(DO)
Active Management Technology(DO) *19,20,21,22*

Blue Tooth
(USB) *25*

USB
4 Port *26*

Camera
(USB) *15*

Touch
Pad *36*

Finger
Printer *36*

KBC
WPC775 *36*

INT.
KB *36*

CIR *36*

Launch
Button *14*

BIOS
MX25L16
W25X16
16M Bits *37*

CardReader
Realtek
RTS5158E *27*

MS/MS Pro/xD
/MMC/SD
5 in 1 *27*

LPC
DEBUG
CONN *37*

Mini Card
Kedron a/b/g/n *32*

Mini Card
Kedron a/b/g/n *32*

New card *31*

Giga LAN
BCM5764MKMLG *28*

TXPM *29*

PWR SW
G577BR91U

RJ45 *29*

THERMAL EMC2102 *23*

MXM CONN *30*

HDMI *18*

LCD *15*

CRT *17*

SPI, SATA, SATA, AZALIA, X4 DMI 400MHz, HOST BUS 667/800/1067MHz@1.05V, C-Link0, USB, LPC BUS, PCIex1, PCIex1, PCIex1, PCIex1, PCIex16, 667/800MHz, 667/800MHz

For Aspire 8530 Series:

# Big Bear 2A (AS 18") Block Diagram
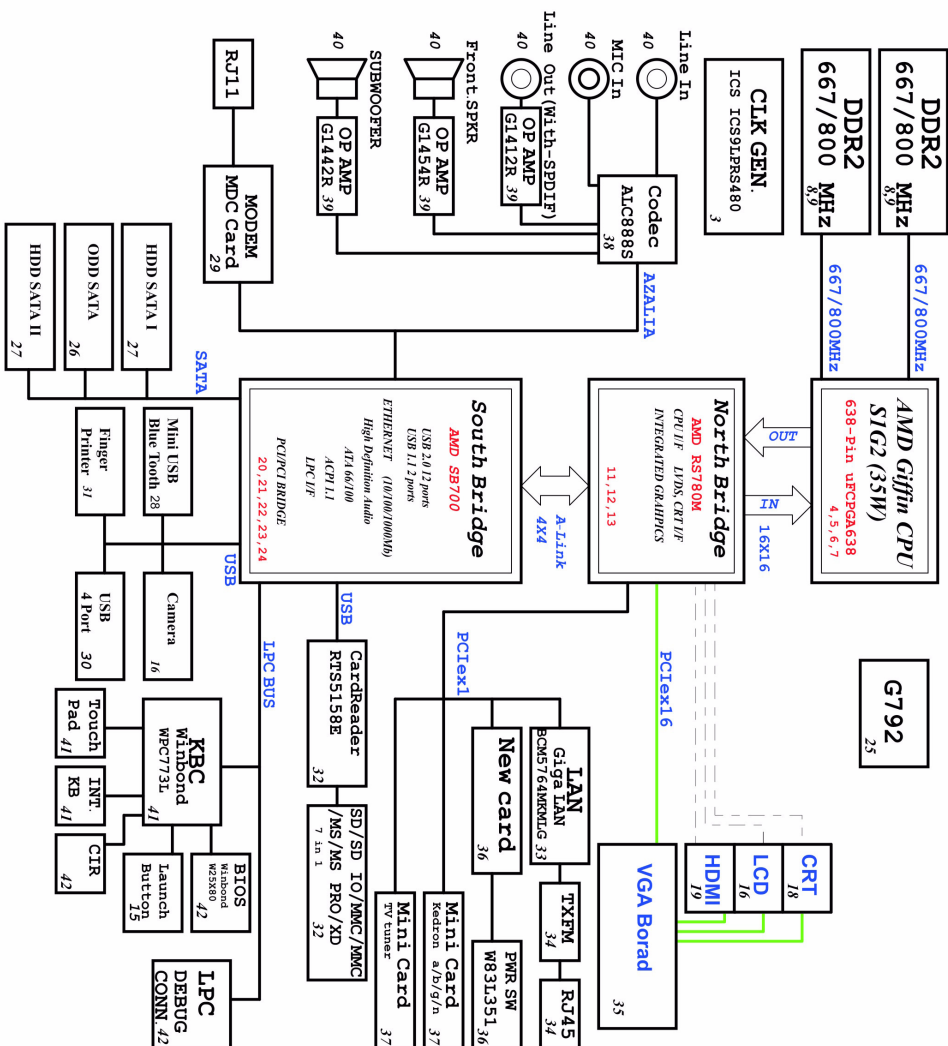
# Your Acer Notebook tour

After knowing your computer features, let us show you around your new computer.

## Front View
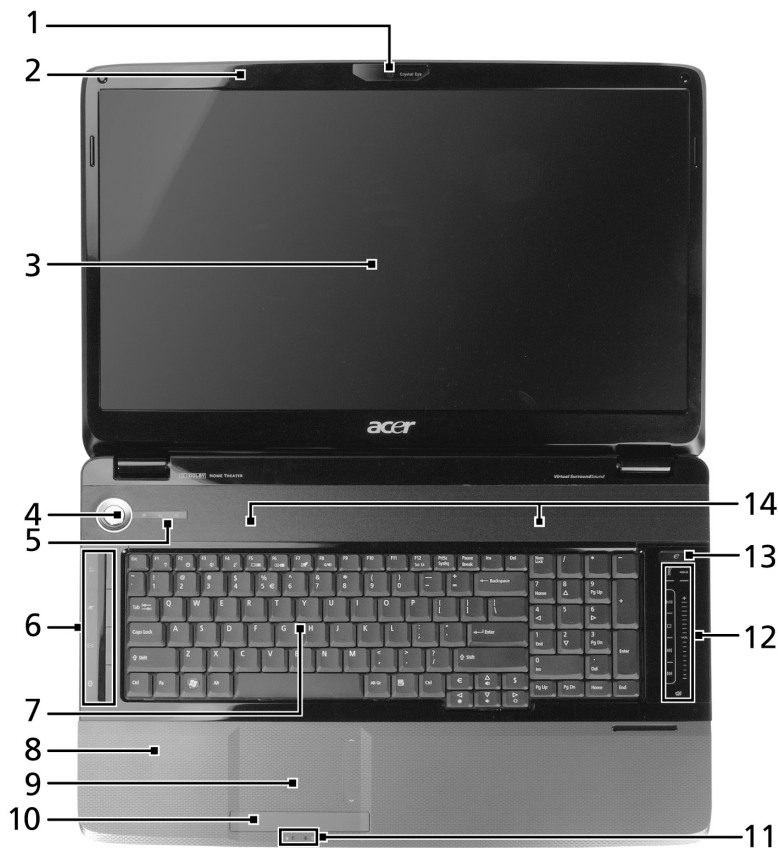


| | Icon | Item | Description |
|---|---|---|---|
| 1 | | Acer Crystal Eye webcam | Web camera for video communication. |
| 2 | | Microphone | Internal microphone for sound recording. |
| 3 | | Display screen | Also called Liquid-Crystal Display (LCD), displays computer output (Configuration may vary by models). |
| 4 | | Power button | Turns the computer on and off. |
| 5/11 | | Status indicators | Light-Emitting Diodes (LEDs) that light up to show the status of the computer's functions and components. |
| 6 | | Easy-launch buttons | Buttons for launching frequently used programs. |
| 7 | | Keyboard | For entering data into your computer. |

| | Icon | Item | Description |
|---|---|---|---|
| 8 | | Palmrest | Comfortable support area for your hands when you use the computer. |
| 9 | | Touchpad | Touch-sensitive pointing device which functions like a computer mouse. |
| 10 | | Click buttons (left, center* and right) | The left and right buttons function like the left and right mouse buttons. *The center button serves as Acer Bio-Protection fingerprint reader supporting Acer FingerNav 4-way control function (only for certain models). |
| 12.1 | VOL+/ VOL- | Volume Up/Volume Down | Increase system volume/decrease system volume. |
| 12.2 | | Acer MediaTouch keys | For use with Acer Arcade and other media playing programs. |
| 13 | *e* | Empowering key | Launch Acer Empowering Technology |
| 14 | | Speakers | Left and right speakers deliver stereo audio output. |

# Closed Front View



| | Icon | Item | Description |
|---|---|---|---|
| 1 | | 6-in-1 card reader | Accepts Secure Digital (SD), MultiMediaCard (MMC),MultiMediaCard*plus* (MMC*plus*™), Memory Stick (MS), Memory Stick PRO (MS PRO), xD-Picture Card (xD). **Note:** Push to remove/install the card. Only one card can operate at any given time. |
| 2 | | CIR receiver | Receives signals from a remote control. |

# Left View
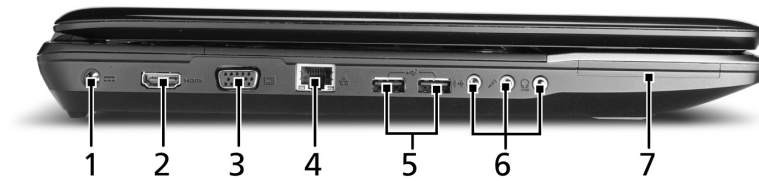


| # | Icon | Item | Description |
|---|------|------|-------------|
| 1 | | DC-in jack | Connects to an AC adapter. |
| 2 | HDMI | HDMI port | Supports high definition digital video connections. |
| 3 | | External display (VGA) port | Connects to a display device (e.g., external monitor, LCD projector). |
| 4 | | Ethernet (RJ-45) port | Connects to an Ethernet 10/100/1000-based network. |
| 5 | | USB 2.0 port | Connect to USB 2.0 devices (e.g., USB mouse, USB camera). |
| 6 | | Line-in jack | Accepts audio line-in devices (e.g., audio CD player, stereo walkman, mp3 player) |
| | | Microphone jack | Accepts inputs from external microphones. |
| | SPDIF | Headphones/ speaker/line-out jack with S/PDIF support | Connects to audio line-out devices (e.g., speakers, headphones). |
| 7 | ExpressCard / 54 | ExpressCard/54 slot | Accepts one ExpressCard/54 module. |

# Right View



| | Icon | Item | Description |
|---|---|---|---|
| 1 | ← USB icon | USB 2.0 port | Connects to USB 2.0 devices (e.g., USB mouse, USB camera). |
| 2 | | Optical drive | Internal optical drive; accepts CDs or DVDs. |
| 3 | | Optical disk access indicator | Lights up when the optical drive is active. |
| 4 | | Optical drive eject button | Ejects the optical disk from the drive. |
| 5 | | Emergency eject hole | Ejects the optical drive tray when the computer is turned off. **Note:** Insert a paper clip to the emergency eject hole to eject the optical drive tray when the computer is off. |
| 6 | | Modem (RJ-11) port | Connects to a phone line. |
| 7 | | RF-in port | Accepts input signals from digital TV-tuner devices. (only for certain models) |
| 8 | | Kensington lock slot | Connects to a Kensington-compatible computer security lock. |

# Rear View



| # | Item | Description |
|---|---|---|
| 1 | Ventilation slots | Enable the computer to stay cool, even after prolonged use. |

# Bottom View
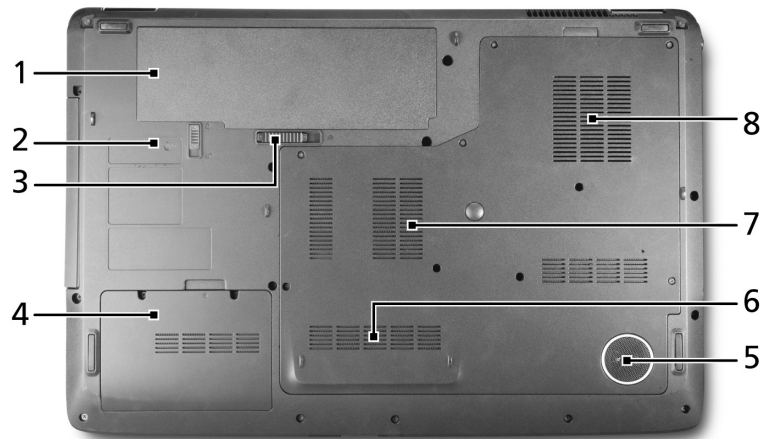


| | Icon | Item | Description |
|---|---|---|---|
| 1 | | Battery bay | Houses the computer's battery pack. |
| 2 | | Battery lock | Locks the battery in position. |
| 3 | | Battery release latch | Releases the battery for removal. |
| 4 | | Hard disk bay-Secondary | Houses the computer's hard disk (secured with screws) (only for certain models). |
| 5 | | Subwoofer | Emits low frequency sound output. |
| 6 | | Hard disk bay-Main | Houses the computer's hard disk (secured with screws). |
| 7 | | Memory compartment | Houses the computer's main memory. |
| 8 | | Ventilation slots and cooling fan | Enable the computer to stay cool, even after prolonged use. **Note**: Do not cover or obstruct the opening of the fan. |

# Indicators

The computer has several easy-to-read status indicators. The front panel indicators are visible even when the computer cover is closed.

| Icon | Function | Description |
|------|----------|-------------|
| ◆ | HDD | Indicates when the hard disk drive is active. |
| 🔒1 | Num Lock | Lights up when Num Lock is activated. |
| 🔒A | Caps Lock | Lights up when Caps Lock is activated. |
| ☼ | Power | Indicates the computer's power status. |
| 🔋 | Battery | Indicates the computer's battery status. |

**NOTE:** 1. **Charging:** The light shows amber when the battery is charging. 2. **Fully charged:** The light shows green when in AC mode.

# Easy-Launch Buttons

Located beside the keyboard are application buttons. These buttons are called easy-launch buttons. They are: WLAN, Internet, email, Bluetooth, Arcade and Acer Empowering Technology.

The mail and Web browser buttons are pre-set to email and Internet programs, but can be reset by users. To set the Web browser, mail and programmable buttons, run the Acer Launch Manager.You can access the Launch Manager by clicking on Start, All Programs, and then Launch Manager to start the application.

| Icon | Function | Description |
|------|----------|-------------|
| ⊘ | Wireless communication button/indicator (manufacturing option) | Enables/disables the wireless function. Indicates the status of wireless LAN communication. |
| VOL+ | Volume up | Increases the sound volume. |
| VOL- | Volume down | Decreases the sound volume. |
| ✳ | Bluetooth communication button/indicator (manufacturing option) | Enables/disables the Bluetooth function. Indicates the status of Bluetooth communication. |
| ℮ | Acer Empowering Technology | Launch Acer Empowering Technology (user-programmable) |

# Touchpad basics (with two-click buttons)

The following items show you how to use the touchpad with two-click buttons.
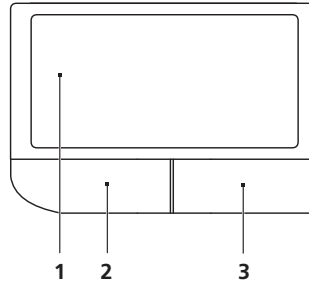


- Move your finger across the touchpad **(1)** to move the cursor.
- Press the left **(2)** and right **(3)** buttons located beneath the touchpad to perform selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad is the same as clicking the left button.

| Function | Left button (2) | Right button (3) | Main touchpad (1) |
|---|---|---|---|
| Execute | Quickly click twice. | | Tap twice (at the same speed as double-clicking a mouse button). |
| Select | Click once. | | Tap once. |
| Drag | Click and hold, then use finger on the touchpad to drag the cursor. | | Tap twice (at the same speed as double-clicking a mouse button); rest your finger on the touchpad on the second tap and drag the cursor. |
| Access context menu | | Click once. | |

**NOTE:** Illustrations for reference only. The exact configuration of your PC depends on the model purchased.

**NOTE:** When using the touchpad, keep it — and your fingers — dry and clean. The touchpad is sensitive to finger movement; hence, the lighter the touch, the better the response. Tapping harder will not increase the touchpad's responsiveness.

**NOTE:** By default, vertical and horizontal scrolling is enabled on your touchpad. It can be disabled under Mouse settings in Windows Control Panel.

# Using the Keyboard

The keyboard has full-sized keys and an embedded numeric keypad, separate cursor, lock, Windows, function and special keys.

## Lock Keys and embedded numeric keypad

The keyboard has three lock keys which you can toggle on and off.

| Lock key | Description |
|---|---|
| Caps Lock | When Caps Lock is on, all alphabetic characters typed are in uppercase. |
| Num Lock **<Fn> + <F11>** | When Num Lock is on, the embedded keypad is in numeric mode. The keys function as a calculator (complete with the arithmetic operators +, -, *, and /). Use this mode when you need to do a lot of numeric data entry. A better solution would be to connect an external keypad.<br>**NOTE:** <Fn> + <F11> works only for certain models. |
| Scroll Lock **<Fn> + <F12>** | When Scroll Lock is on, the screen moves one line up or down when you press the up or down arrow keys respectively. Scroll Lock does not work with some applications. |

The embedded numeric keypad functions like a desktop numeric keypad. It is indicated by small characters located on the upper right corner of the key caps. To simplify the keyboard legend, cursor-control key symbols are not printed on the keys.

| Desired access | Num Lock on | Num Lock off |
|---|---|---|
| Number keys on embedded keypad | Type numbers in a normal manner. | |
| Cursor-control keys on embedded keypad | Hold **<Shift>** while using cursor-control keys. | Hold **<Fn>** while using cursor-control keys. |
| Main keyboard keys | Hold **<Fn>** while typing letters on embedded keypad. | Type the letters in a normal manner. |

# Windows Keys

The keyboard has two keys that perform Windows-specific functions.

| Key | Description |
|---|---|
| Windows key | Pressed alone, this key has the same effect as clicking on the Windows Start button; it launches the Start menu.<br>It can also be used with other keys to provide a variety of functions:<br><br>< >: Open or close the Start menu<br><br>**< > + <D>:** Display the desktop<br><br>**< > + <E>:** Open Windows Explore<br><br>< > + <F>: Search for a file or folder<br><br>< > + <G>: Cycle through Sidebar gadgets<br><br>< > + <L>: Lock your computer (if you are connected to a network domain), or switch users (if you're not connected to a network domain)<br><br>< > + <M>: Minimizes all windows<br><br>**< > + <R>:** Open the Run dialog box<br><br>< > + <T>: Cycle through programs on the taskbar<br><br>**< > + <U>:** Open Ease of Access Center<br><br>< > + <X>: Open Windows Mobility Center<br><br>< > + <BREAK>: Display the System Properties dialog box<br><br>**< > + <SHIFT+M>:** Restore minimized windows to the desktop<br><br>**< > + <TAB>:** Cycle through programs on the taskbar by using Windows Flip 3-D<br><br>**< > + <SPACEBAR>:** Bring all gadgets to the front and select Windows Sidebar<br><br>**<CTRL> + < > + <F>:** Search for computers (if you are on a network)<br><br>**<CTRL> + < > + <TAB>:** Use the arrow keys to cycle through programs on the taskbar by using Windows Flip 3-D<br><br>**Note:** Depending on your edition of Windows Vista, some shortcuts may not function as described. |
| Application key | This key has the same effect as clicking the right mouse button; it opens the application's context menu. |

# Hot Keys

The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness, volume output and the BIOS utility.

To activate hot keys, press and hold the **<Fn>** key before pressing the other key in the hotkey combination.

| Hotkey | Icon | Function | Description |
|---|---|---|---|
| <Fn> + <F1> | ? | Hotkey help | Displays help on hotkeys. |
| <Fn> + <F2> | | Acer eSettings | Launches Acer eSettings in Acer Empowering Technology. |
| <Fn> + <F3> | | Acer ePower Management | Launches Acer ePower Management in Acer Empowering Technology. |
| <Fn> + <F4> | zᶻ | Sleep | Puts the computer in Sleep mode. |
| <Fn> + <F5> | ☐|◼ | Display toggle | Switches display output between the display screen, external monitor (if connected) and both. |
| <Fn> + <F6> | | Screen blank | Turns the display screen backlight off to save power. Press any key to return. |
| <Fn> + <F7> | | Touchpad toggle | Turns the internal touchpad on and off. |
| <Fn> + <F8> | | Speaker toggle | Turns the speakers on and off. |
| <Fn> + <▷> | ☼ | Brightness up | Increases the screen brightness. |
| <Fn> + <◁> | | Brightness down | Decreases the screen brightness. |
| <Fn> + <△> | | Volume up | Increases the sound volume (only for certain models). |
| <Fn> + <▽> | | Volume down | Decreases the sound volume (only for certain models). |

# Special Key (only for certain models)

You can locate the Euro symbol and the US dollar sign at the upper-center and/or bottom-right of your keyboard.

**The Euro symbol**

1. Open a text editor or word processor.

2. Either press < € > at the bottom-right of the keyboard, or hold <**Alt Gr**> and then press the **<5>** key at the upper-center of the keyboard.

**NOTE:** Some fonts and software do not support the Euro symbol. Please refer to **www.microsoft.com/ typography/faq/faq12.htm** for more information.

**The US dollar sign**

1. Open a text editor or word processor.

2. Either press < $ > at the bottom-right of the keyboard, or hold **<Shift>** and then press the **<4>** key at the upper-center of the keyboard.

**NOTE:** This function varies according to the language settings.

# Acer Empowering Technology

The Empowering Technology toolbar makes it easy for you to access frequently used functions and manage your new Acer system. Activated by pressing the Empowering Key, it provides access to the following utilities:

**NOTE:** The following content is for general reference only. Actual product specifications may vary.

- **Acer eAudio Management** allows you to easily control the enhanced sound effects of Dolby Home Theater on your system (only for certain models).
- Acer ePower Management optimizes battery usage via customizable power plans.
- **Acer eDataSecurity Management** protects data with passwords and encryption (only for certain models).
- **Acer eRecovery Management** backs up and recovers data flexibly, reliably and completely.
- **Acer eSettings Management** accesses system information and adjusts settings easily.



For more information, right-click on the Empowering Technology toolbar, then select **Help**. For help with a particular utility, launch the utility and click the ❓ icon at the bottom of the active window.

# Launching Acer Empowering Technology

**To launch Acer Empowering Technology:**

1. Press the Empowering Key to display the Acer Empowering Technology toolbar on the desktop.
2. To hide the toolbar, press the Empowering Key again or click the hide button on the toolbar.

You may also launch Acer Empowering Technology by running the program from the Acer Empowering Technology program group in the Start menu, or by double-clicking the icon if you have created a desktop shortcut.

**To launch Acer Empowering Technology applications:**

1. On the Acer Empowering Technology toolbar, click the icon that corresponds to the application you want to launch.
2. When you mouse over an application icon, a quick menu appears below the toolbar. The quick menu allows you to perform certain tasks simply and quickly.
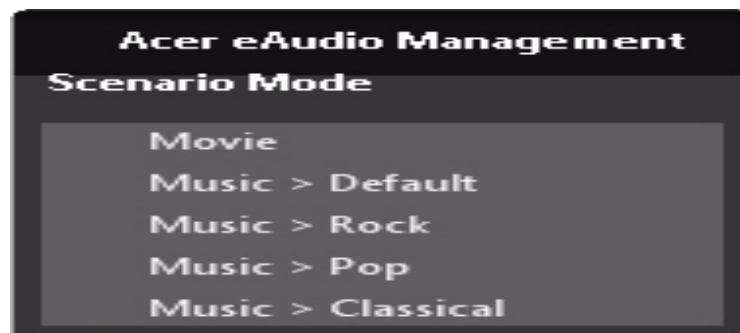


3. You may also run the application by selecting it from the Acer Empowering Technology program group in the Start menu.

**NOTE:** You may also double-click or right-click to run Acer eAudio Management, and right-click to run Acer ePower Management from the system tray.

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# Empowering Technology password

You must set the Empowering Technology password to use the password protection feature of Acer eRecovery Management to protect your data.

**To set the Empowering Technology password:**

1.  Launch Acer eRecovery Management.

2.  Click the Restore tab.

3.  Click **Password settings**. The Empowering Technology Password Center dialogue box pops up.

4.  Click **Create a new password**.
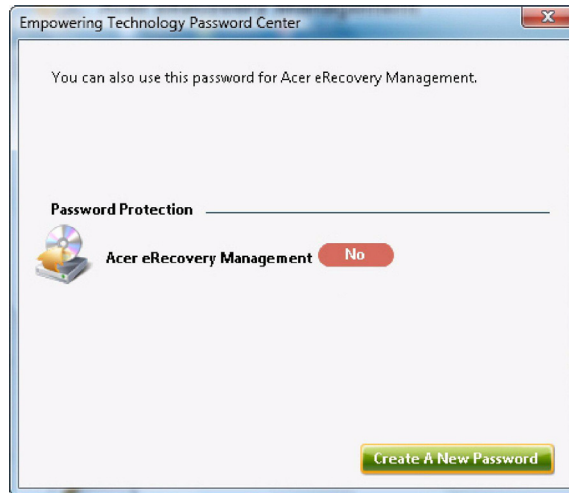


5.  In the Create a New Password dialogue box, key in and confirm your password in the appropriate boxes. Your password should have a minimum of 4 and a maximum of 12 characters.

6.  Enter a password hint that will help you remember your password.

7.  Make sure the box **Use for Acer eRecovery Management** is checked.

8.  Click **OK** to set the password.

# Acer eAudio Management  (only for certain models)

Acer eAudio Management allows you to easily control the enhanced sound effects of Dolby Home Theater on your system. Select **Movie** or **Game** mode to experience the awesome realism of 5.1-channel audio output from the speakers fitted to your system via Dolby Surround sound technology. **Music** mode lets you enjoy your favorite tunes, in vivid detail.



To choose your playback device, click the  icon on the upper right side of the Acer eAudio Management window.
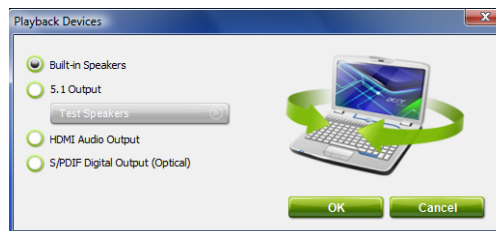
# Acer ePower Management 

Acer ePower Management features a straightforward user interface for configuring your power management options. To access this utility, select **Acer ePower Management** from the Empowering Technology toolbar, run the program from the Acer Empowering Technology program group in Start menu, or right-click the Windows power icon in the system tray and select **Acer ePower Management**.

### Using power plans

Acer ePower Management comes with three predefined power plans: **Balanced**, **High performance** and **Power saver**.

View and adjust settings for **On Battery** and **Plugged In** modes by clicking the appropriate tabs. For more power options, click  in the Acer ePower Management utility, or right-click the Windows power icon in the system tray and select **Power Options**.

You can also create customized power plans. You can create, switch between, edit, delete and restore power plans, as described below.

### To create a new power plan:

Creating customized power plans allows you to save and quickly switch to a personalized set of power options.

1. Click the **New power plan** option or icon  .
2. Enter a name for your new power plan.
3. Choose a predefined power plan to base your customized plan on.
4. If necessary, change the display, sleep and hibernation settings you want your computer to use.
5. Click **OK** to save your new power plan.

### To switch between power plans:

1. Move your mouse over the Acer ePower Management  application on the Acer Empowering Technology toolbar. The quick menu appears.
   Select the power plan you want to switch to.
2. You may also switch between power plans by launching the Acer ePower Management application. Select the power plan you wish to switch to, then click **Apply**.

### To edit a power plan:

Editing a power plan allows you to adjust system settings like LCD brightness, CPU speed and Graphics power mode (only for certain models).

1. Switch to the power plan you wish to edit.
2. Adjust settings as required.
3. Click **Apply** or **Save** to save your new settings.
**NOTE:** You can revert to the default settings of the predefined power plans by clicking the **Restore** button.

### To delete a power plan:

You cannot delete the power plan you are currently using. The active power plan will mark with  in upper left corner of power plan icon. If you want to delete the active power plan, switch to another one first.

1. Select the power plan you wish to delete.
2. Click the Delete this plan icon. 

**NOTE:** You cannot delete the predefined power plans, but you can modify the settings of the predefined power plans.

**Battery status**

1.  The quick menu shows the remaining battery life based on current usage.

2.  You can also launch the Acer ePower Management application and refer to the Battery status panel located just below the power plans.

3.  Click the Battery tab to view remaining battery life, battery status, and remaining battery life in standby and hibernate modes.



# Acer eDataSecurity Management ![icon] (only for certain models)

Acer eDataSecurity Management is an encryption utility that protects your files from being accessed by unauthorized persons. It is conveniently integrated with Windows Explorer as a shell extension for quick data encryption/decryption and also supports on-the-fly file encryption for Lotus Notes and Microsoft Outlook.

On first use, the Acer eDataSecurity Management setup wizard will prompt you to create the Master Password. You will use this password to access the Personal Secure Disk (PSD). The Master Password may also be used to encrypt/decrypt files by default.

If you set a different password to encrypt a file, but you forgot the encryption password, you can use the Master Password to decrypt the file.
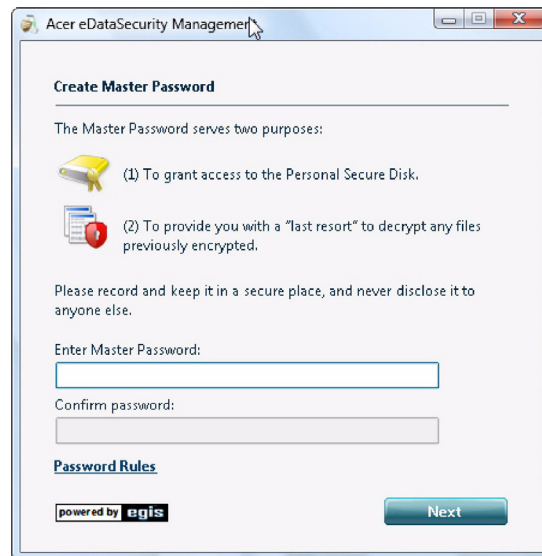


**NOTE:** The password used to encrypt a file is the unique key that the system needs to decrypt it. If you lose the password, the Master Password is the only other key capable of decrypting the file. If you lose both passwords, there will be no way to decrypt your encrypted file! **Be sure to safeguard all related passwords!**



# Acer eRecovery Management

Acer eRecovery Management is a versatile backup utility. It allows you to create full or incremental backups, burn the factory default image to optical disc, and restore from previously created backups or reinstall applications and drivers. By default, user-created backups are stored to the D:\ drive.

Acer eRecovery Management provides you with:

- Backup:

- •Back up factory default to CD/DVD
- •Back up drivers and applications to CD/DVD
- •Create user backup
- •Manage user backups
- Restore:
  - •Restore system to factory default
  - •Reinstall applications/drivers
  - •Restore system from user backup
  - •Password settings

To use the password protection feature of Acer eRecovery Management to protect your data, you must first set the Empowering Technology password. To set the password, refer to the section "**Empowering Technology password**".



For more information, please refer to**"Acer eRecovery Management" on page 62** in the **Acer System User's Guide**.

**NOTE:** If your computer did not come with a Recovery CD or System CD, please use Acer eRecovery Management's Backup factory default to CD/DVD feature to burn a backup image to CD or DVD. To ensure the best results when recovering your system using a CD or Acer eRecovery Management, detach all peripherals (except the external Acer ODD, if your computer has one), including your Acer ezDock.

# Acer eSettings Management

Acer eSettings Management allows you to inspect hardware specifications, set BIOS passwords and modify boot options.

Acer eSettings Management also:

- Provides a simple graphical user interface for navigation.
- Prints and saves hardware specifications.
- Lets you set an asset tag for your system.
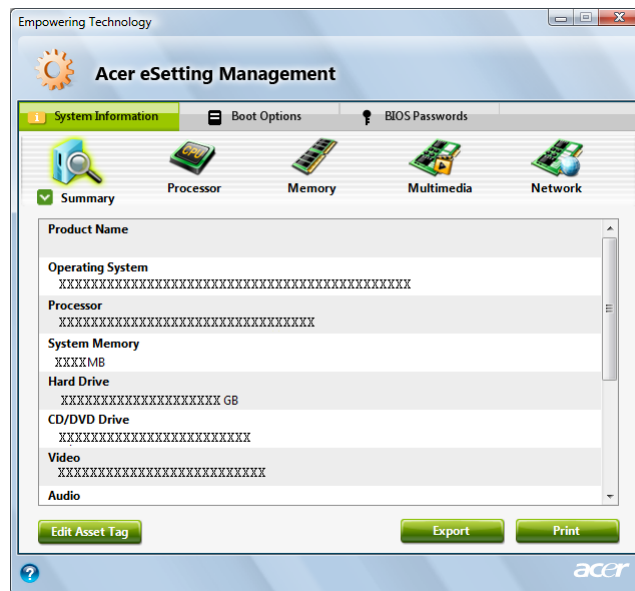
# Windows Mobility Center
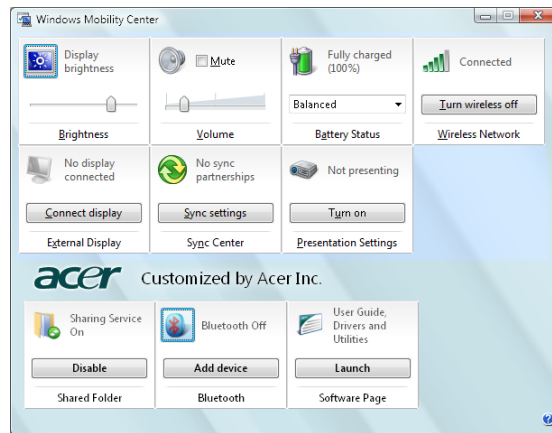


The Windows Mobility Center collects key mobile-related system settings in one easy-to-find place, so you can quickly configure your Acer system to fit the situation as you change locations, networks or activities. Settings include display brightness, volume, power plan, wireless networking on/off, external display settings, synchronization status and presentation settings.

Windows Mobility Center also includes Acer-specific settings like sharing folders overview/sharing service on or off, Bluetooth Add Device (if applicable), and a shortcut to the Acer user guide, drivers and utilities.

To launch Windows Mobility Center:

q    Use the shortcut key **<**  **> + <X>.**

q    Start Windows Mobility Center from the Control panel.

q    Start Windows Mobility Center from the Accessories program group in the Start menu.

q    Launch Windows Mobility Center by right-clicking  in the system tray and select **Windows Mobility Center**.

# Using the System Utilities

## Acer GridVista (dual-display compatible)

**NOTE:** This feature is only available on certain models.

To enable the dual monitor feature of the notebook, first ensure that the second monitor is connected, then select **Start, Control Panel, Display** and click on **Settings**. Select the secondary monitor **(2)** icon in the display box and then click the check box **Extend my windows desktop onto this monitor**. Finally, click **Apply** to confirm the new settings and click **OK** to complete the process.
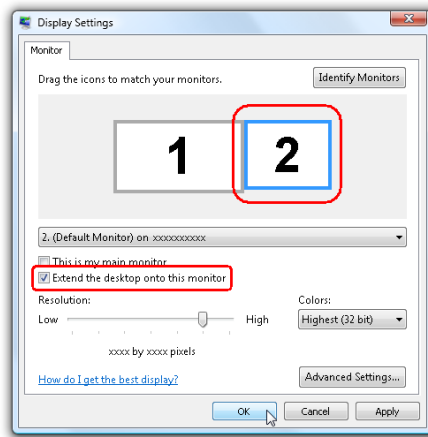


Acer GridVista is a handy utility that offers four pre-defined display settings so you can view multiple windows on the same screen. To access this function, please go to **Start>All Programs** and click on **Acer GridVista**. You may choose any one of the four display settings indicated below:
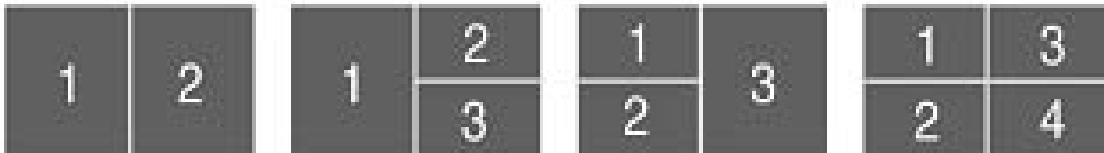


Double (vertical), Triple (primary at left), Triple (primary at right), or Quad Acer Gridvista is dual-display compatible, allowing two displays to be partitioned independently.

Acer Gridvista is dual-display compatible, allowing two displays to be partitioned independently.

AcerGridVista is simple to set up:

**1.** Run Acer GridVista and select your preferred screen configuration for each display from the task bar.

**2.** Drag and drop each window into the appropriate grid.

**3.** Enjoy the convenience of a well-organized desktop.
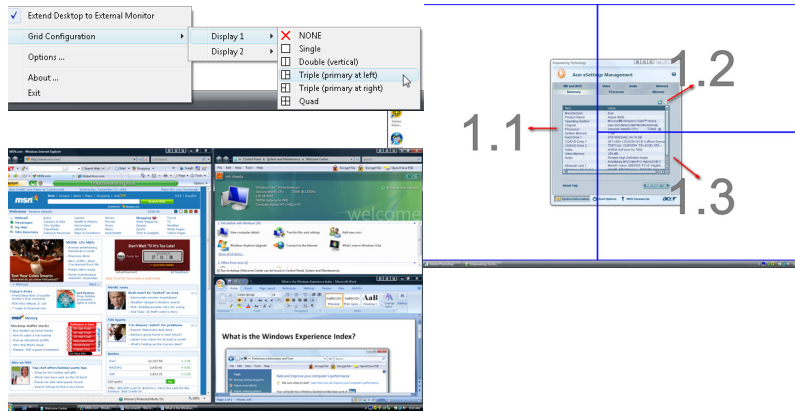
**NOTE:** Please ensure that the resolution setting of the second monitor is set to the manufacturer's recommended value.

# Hardware Specifications and Configurations

**Processor**

| Item | Specification |
|------|---------------|
| CPU type | Aspire 8730/8730Z Series: Intel® Core™2 Duo Mobile Processor P8400 (2.26GHz)/T5900 (2.2GHz)/T5800 (2.0 GHz)/T3400 (2.16 GHz) |
| | Aspire 8530 Series: AMD Athlon™ X2 dual-core mobile processor 1.9GHz |
| | AMD Turion™ X2 Ultra dual-core mobile processor 2.1 GHz/2.3GHz |
| Core logic | Aspire 8730/8730Z: Mobile Intel® PM45/GM45 Express Chipset |
| | Aspire 8530: AMD M780G Chipset |
| CPU package | Aspire 8730/8730Z: 478-pin micro-FCPGA |
| | Aspire 8530: Socket S1 |
| CPU core voltage | Aspire 8730/8730Z: 1.0375V to 1.3V |
| | Aspire 8530: 31W to 35W |

**CPU Fan True Value Table**

| DTS(degree C) | Fan Speed (rpm) | Acoustic Level (dBA) |
|---------------|-----------------|----------------------|
| 45-50 | 0-3000 | 29 |
| 55-66 | 0-3300 | 33 |
| 68-74 | 3300-3800 | 38 |
| 78-83 | 3800-4100 | 40 |
| 86-91 | 4100-4800 | 40 |

Throttling 50%: On= 99° C; OFF=93° C

OS shut down at 105° C; H/W shot down at 110° .C

**BIOS**

| Item | Specification |
|------|---------------|
| BIOS vendor | Phoenix |
| BIOS Version | 1.04c |

**System Memory**

| Item | Specification |
|------|---------------|
| Memory controller | Built-in |
| Memory size | 0MB (no on-board memory) |
| DIMM socket number | 2 sockets |
| Supports memory size per socket | 2048MB |
| Supports maximum memory size | 4G for 64bit OS (with two 2GB SODIMM) |
| Supports DIMM type | DDR 2 Synchronous DRAM |
| Supports DIMM Speed | 667 MHz |
| Supports DIMM voltage | 1.8V and 0.9V |
| Supports DIMM package | 200-pin soDIMM |
| Memory module combinations | You can install memory modules in any combinations as long as they match the above specifications. |

**Memory Combinations**

| Slot 1 | Slot 2 | Total Memory |
|---|---|---|
| 0MB | 512MB | 512MB |
| 0MB | 1024MB | 1024MB |
| 0MB | 2048MB | 2048MB |
| 512MB | 512MB | 1024MB |
| 512MB | 1024MB | 1536MB |
| 512MB | 2048MB | 2560MB |
| 1024MB | 0MB | 1024MB |
| 1024MB | 512MB | 1536MB |
| 1024MB | 1024MB | 2048MB |
| 1024MB | 2048MB | 3072MB |
| 2048MB | 0MB | 2048MB |
| 2048MB | 512MB | 2560MB |
| 2048MB | 1024MB | 3072MB |
| 2048MB | 2048MB | 4096MB |

**NOTE:** Above table lists some system memory configurations. You may combine DIMMs with various capacities to form other combinations. On above table, the configuration of slot 1 and slot 2 could be reversed.

| Item | Specification |
|---|---|
| LAN Chipset | Broadcom BCM5764 |
| Supports LAN protocol | 10/100/1000 Mbps |
| LAN connector type | RJ45 |
| LAN connector location | Left side |
| Features | Integrated 10/100 BASE-T transceiver<br>Wake on LAN support compliant with ACPI 2.0<br>PCI v2.2 |

**Bluetooth Interface**

| Item | Specification |
|---|---|
| Chipset | Foxconn Bluetooth FOX_BRM_2.0 F/W 300/FOXCONN BCM2045 V2 |
| Data throughput | 723 bps (full speed data rate) |
| Protocol | Bluetooth 1.1 (Upgradeable to Bluetooth 1.2 when SIG specification is ratified). |
| Interface | USB 1.1 |
| Connector type | USB |

**Wireless Module 802.11b/g/n**

| Item | Specification |
|---|---|
| Chipset | Aspire 8730/8730Z: Lan Intel WLAN 533AN_MMWG Shirley Peak/Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN |
| | Aspire 8530: Foxconn Wireless LAN Atheros AR5B91 1x2 BGN/Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN |
| Data throughput | 11~54 Mbps, up to 270 Mbps for Draft-N |
| Protocol | 802.11b+g, Draft-N |
| Interface | PCI bus (mini PCI socket for wireless module) |

**Hard Disk Drive Interface**

| Item | | | | |
|---|---|---|---|---|
| Vendor & Model Name | WD1600BEVT-22ZCT0 HITACHI HTS541616J9SA00 LF SEAGATE SATA ST9160827AS TOSHIBA MK1646GSX LF | SEAGATE SATA ST9250827AS TOSHIBA MK2546GSX LF HGST HTS542525K9SA00 LF WD WD2500BEVS-22UST0 ML125 | WD WD3200BEVT-22ZCT0 ML125 | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01 |
| Capacity (MB) | 160000 | 250000 | 320000 | 500000 |
| Bytes per sector | 512 | 512 | N/A | N/A |
| Data heads | 3/4 | 4 | N/A | N/A |
| Drive Format | | | | |
| Disks | 2 | 2 | N/A | N/A |
| Spindle speed (RPM) | 5400 RPM | 5400 RPM | 5400 RPM | 5400 RPM |
| Performance Specifications | | | | |
| Buffer size | 8MB | 8MB | 8MB | 8MB |
| Interface | SATA | SATA | SATA | SATA |
| Max. media transfer rate (disk-buffer, Mbytes/s) | 540 | 540 | 850 | 3.0 GB/s (Max.) Buffer to Host |
| DC Power Requirements | | | | |
| Voltage tolerance | 5V(DC) +/- 5% | 5V(DC) +/- 5% | 5V(DC) +/- 5% | 5V(DC) +/- 5% |

**Optical Disc Drive**

| Item | Specification | |
|---|---|---|
| Vendor & model name | TOSHIBA SUPER-MULTI DRIVE DL 8X TS-L633A LF<br>PIONEER SUPER-MULTI DRIVE 8X DVR-TD08RS LF<br>PANASONIC SUPER-MULTI DRIVE DL 8X UJ-870A LF<br>HLDS SUPER-MULTI DRIVE TRAY DL 8X GSA-T50N LF<br>SONY SUPER-MULTI DRIVE DL 8X AD-7560S LF<br>PLDS SUPER-MULTI DRIVE DL 8X DS-8A2S LF | |
| Performance Specification | With CD Diskette | With DVD Diskette |
| Transfer rate (KB/sec) | Sustained:<br>Max 3.6Mbytes/sec | Sustained:<br>Max 10.08Mbytes/sec |
| Buffer Memory | 2MB | |
| Interface | SATA | |
| Applicable disc format | Applicable disc format<br>CD: CD-DA, CD-ROM, CD-ROM XA, Photo CD (multi-session), Video CD, Cd-Extra (CD+), CD-text<br>DVD: DVD-VIDEO, DVD-ROM, DVD-R (3.9GB, 4.7GB) DVD-R DL, DVD-RW, DVD-RAM, DVD+R, DVD+R DL, DVD+RW<br>CD:<br>CD-DA (Red Book) - Standard Audio CD & CD-TEXT<br>CD-ROM (Yellow Book Mode1 & 2) - Standard Data<br>CD-ROM XA (Mode2 Form1 & 2) - Photo CD, Multi-Session<br>CD-I (Green Book, Mode2 Form1 & 2, Ready, Bridge)<br>CD-Extra/ CD-Plus (Blue Book) - Audio & Text/Video<br>Video-CD (White Book) - MPEG1 Video<br>CD-R (Orange Book Part)<br>CD-RW & HSRW (Orange Book Part Volume1 & Volume 2<br>Super Audio CD (SACD) Hybrid type<br>US & US+ RW<br>DVD:<br>DVD-ROM (Book 1.02), DVD-Dual<br>DVD-Video (Book 1.1)<br>DVD-R (Book 1.0, 3.9G)<br>DVD-R (Book 2.0, 4.7G) - General & Authoring<br>DVD+R (Version 1.0)<br>DVD+RW<br>DVD-RW (Non CPRM & CPRM)<br>DVD°"R Dual | |
| Loading mechanism | Load: Manual<br>Release: (a) Electrical Release (Release Button)<br>　　　　　(b) Release by ATAPI command<br>　　　　　(c) Emergency Release | |
| Power Requirement | | |
| Input Voltage | 5 V +/- 5% (Operating) | |

**Blu-Ray Disc Drive**

| Item | Specification | |
|---|---|---|
| Vendor & model name | SONY BD COMBO 12.7mm Tray DL 2X BC-5500S LF | |
| Performance Specification | With CD Disc | With DVD Disc | With Blu-ray Disc |
| Transfer rate (KB/sec) | Sustained: Max 3.6Mbytes/sec | Sustained: Max 10.08Mbytes/sec | Sustained: Max 11 Mbytes/sec |
| Buffer Memory | 2MB | | 4.5 MB |
| Interface | SATA | | |
| Applicable disc format | Applicable disc format<br>CD: CD-DA, CD-ROM, CD-ROM XA, Photo CD (multi-session), Video CD, Cd-Extra (CD+), CD-text<br>DVD: DVD-VIDEO, DVD-ROM, DVD-R (3.9GB, 4.7GB) DVD-R DL, DVD-RW, DVD-RAM, DVD+R, DVD+R DL, DVD+RW<br>CD:<br>CD-DA (Red Book) - Standard Audio CD & CD-TEXT<br>CD-ROM (Yellow Book Mode1 & 2) - Standard Data<br>CD-ROM XA (Mode2 Form1 & 2) - Photo CD, Multi-Session<br>CD-I (Green Book, Mode2 Form1 & 2, Ready, Bridge)<br>CD-Extra/ CD-Plus (Blue Book) - Audio & Text/Video<br>Video-CD (White Book) - MPEG1 Video<br>CD-R (Orange Book Part)<br>CD-RW & HSRW (Orange Book Part Volume1 & Volume 2<br>Super Audio CD (SACD) Hybrid type<br>US & US+ RW<br>DVD:<br>DVD-ROM (Book 1.02), DVD-Dual<br>DVD-Video (Book 1.1)<br>DVD-R (Book 1.0, 3.9G)<br>DVD-R (Book 2.0, 4.7G) - General & Authoring<br>DVD+R (Version 1.0)<br>DVD+RW<br>DVD-RW (Non CPRM & CPRM)<br>DVD+/-R Dual<br>Blu-Ray:<br>BD-R, BD-R DL, BD-RE, BD-RE DL | | |
| Loading mechanism | Load: Manual<br>Release: (a) Electrical Release (Release Button)<br>       (b) Release by ATAPI command<br>       (c) Emergency Release | | |
| Power Requirement | | | |
| Input Voltage | 5 V +/- 5% (Operating) | | |

**Audio Interface**

| Item | Specification |
|---|---|
| Audio Controller | Realtek ALC888s Azalia |
| Audio onboard or optional | Built-in |

**Audio Interface**

| Item | Specification |
|---|---|
| Mono or Stereo | Stereo |
| Resolution | 18 bit stereo full duplex |
| Compatibility | HD audio Interface; S/PDIF output for PCM or AC-3 content |
| Sampling rate | 1Hz resolution VSR (Variable Sampling Rate) |
| Internal microphone | Yes |
| Internal speaker / Quantity | Yes/2.1 (2W speakers) |

**Video Memory**

| Item | Specification |
|---|---|
| Chipset | Aspire 8730/8730Z:<br><br>• Mobile Intel® GM45 Express Chipset<br>• NVIDIA® GeForce® 9300M GS<br>• NVIDIA® GeForce® 9600M GT<br>Aspire 8530:<br>• ATI Radeon™ HD 3200 Graphics<br>• ATI Mobility Radeon™ HD 3470 Hybrid x 2<br>• ATI Mobility Radeon™ HD 3650 |
| Memory size | 1024M/512M GDDR3/ |

**USB**

| Item | Specification |
|---|---|
| Chipset | ICH9M/IC NB RS780MN 216-06 |
| USB Compliancy Level | 2.0 |
| OHCI | USB 1.1 and USB 2.0 Host controller |
| Number of USB port | 3 |
| Location | Two on the right side/one on the front |
| Serial port function control | Enable/Disable by BIOS Setup |

**System Board Major Chips**

| Item | Controller |
|---|---|
| Core logic | Mobile Intel® GM945/PM945 + ICH8M Express Chipset |
| USB 2.0 | Intel ICH8M |
| Super I/O controller | N/A |
| MODEM | Lite-On Conexant -Unizion 1.5_3.3v AUS RD02-D330 |
| Bluetooth | Foxconn Bluetooth FOX_BRM_2.0 F/W 300/FOXCONN BCM2045 V2 |

**System Board Major Chips**

| Item | Controller |
|---|---|
| Wireless 802.11 b/g/n | Aspire 8730/8730Z: Lan Intel WLAN 533AN_MMWG Shirley Peak/Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN<br>Aspire 8530: Foxconn Wireless LAN Atheros AR5B91 1x2 BGN/Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN |
| 6 in 1 Card Reader | Realtek USB Card Reader |
| Audio Codec | Realtek ALC888s Azalia |

**Keyboard**

| Item | Specification |
|---|---|
| Keyboard controller | NS PC97541V |
| Total number of keypads | 105/106-key keyboard |
| Windows logo key | Yes |
| Internal & external keyboard work simultaneously | Plug USB keyboard to the USB port directly: Yes |

**Battery**

| Item | Specification |
|---|---|
| Vendor | SONY/Sanyo |
| Battery Type | Li-ion |
| Pack capacity | 8 cell 4800mAh |
| Number of battery cell | 8 |
| Package configuration | 4 cells in series, 2 series in parallel |

**LCD 18.4" inch**

| Item | Specification |
|---|---|
| Vendor & model name | CMO/Samsung |
| Screen Diagonal (mm) | 18.4 inches |
| Display resolution (pixels) | 18.4" Full HD 1920 x 1080/18.4" HD+ 1680 x 945 |
| Pixel Pitch | 0.204 x 0.204 |
| Pixel Arrangement | R.G.B. Vertical Stripe |
| Display Mode | Normally White |
| Typical White Luminance (NIT) also called Brightness | 220 |
| Luminance Uniformity | 1.25 max. |
| Contrast Ratio | 400 typical |
| Response Time msec | 8 |
| Nominal Input Voltage VDD | +3.3V |
| Viewing Angle (degree) Horizontal: Right/Left Vertical: Upper/Lower | 45/45 15/35 |

**LCD 18.4" inch**

| Item | Specification |
|------|---------------|
| Temperature Range(°C) Operating Storage (shipping) | 0 to +50 -40 to +60 |

**AC Adaptor**

| Item | Specification |
|------|---------------|
| Input | 100-240V~ 1.5A, 50-60Hz/ |
| Output | 19V 4.74A 90W |

**System Power Management**

| ACPI mode | Power Management |
|-----------|------------------|
| Mech. Off (G3) | All devices in the system are turned off completely. |
| Soft Off (G2/S5) | OS initiated shutdown. All devices in the system are turned off completely. |
| Working (G0/S0) | Individual devices such as the CPU and hard disc may be power managed in this state. |
| Suspend to RAM (S3) | CPU set power down VGA Suspend PCMCIA Suspend Audio Power Down Hard Disk Power Down CD-ROM Power Down Super I/O Low Power mode |
| Save to Disk (S4) | Also called Hibernation Mode. System saves all system states and data onto the disc prior to power off the whole system. |

# System Utilities

## BIOS Setup Utility

The BIOS Setup Utility is a hardware configuration program built into your computer's BIOS (Basic Input/Output System).

Your computer is already properly configured and optimized, and you do not need to run this utility. However, if you encounter configuration problems, you may need to run Setup. Please also refer to Chapter 4 Troubleshooting when problem arises.

To activate the BIOS Utility, press **F2** during POST (when "Press <F2> to enter Setup" message is prompted on the bottom of screen).

Press **F2** to enter setup. The default parameter of F12 Boot Menu is set to "disabled". If you want to change boot device without entering BIOS Setup Utility, please set the parameter to "enabled".

Press <F12> during POST to enter multi-boot menu. In this menu, user can change boot device without entering BIOS SETUP Utility.

```
                    Phoenix SecureCore(tm) Setup Utility
    Information      Main        Security        Boot        Exit

    CPU Type:                 Intel (R) Core (TM)2 Duo CPU  T8400 @ 2.26 GHz
    CPU Speed:                2.26GHz
    IDE0 Model Name:          XXXXXXXXXXX-(XX)
    IDE0 Serial Number:       XXXXXXXX
    IDE1 Model Name:          XXXXXXXXXXX-(XX)
    IDE1 Serial Number::      XXXXXXXX
    ATAPI Model Name:         XXXXXXXXXXX-XXX XX-XXXX-(XX)
    System BIOS Version:      VX.XX
    VGA BIOS Version:         XX-XXX XXXXXX.XXX.XXX.XXX.XXXXXX
    KBC Version:              XX.XX
    Serial Number:            XXXXXXXXXXXXXXXXXXXXXXX
    Asset Tag Number:         None
    Product Name:             Aspire 8730G
    Manufacturer Name:        Acer
    UUID:                     XXXxXxXX-xXxX-XXxx-xXXx-xXXXxXXxXxxXX




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

# Navigating the BIOS Utility

There are five menu options: Information, Main, Security, Boot, and Exit.

Follow these instructions:

- To choose a menu, use the left and right arrow keys.
- To choose an item, use the up and down arrow keys.
- To change the value of a parameter, press **F5** or **F6**.
- A plus sign (+) indicates the item has sub-items. Press **Enter** to expand this item.
- Press **Esc** while you are in any of the menu options to go to the Exit menu.
- In any menu, you can load default settings by pressing **F9**. You can also press **F10** to save any changes made and exit the BIOS Setup Utility.

**NOTE:** You can change the value of a parameter if it is enclosed in square brackets. Navigation keys for a particular menu are shown on the bottom of the screen. Help for parameters are found in the Item Specific Help part of the screen. Read this carefully when making changes to parameter values. **Please note that system information is subject to different models**.

# Information

The Information screen displays a summary of your computer hardware information.

```
                 Phoenix SecureCore(tm) Setup Utility
      Information      Main       Security      Boot      Exit

      CPU  Type:                Intel (R) Core (TM)2 Duo CPU  T8400 @ 2.26 GHz
      CPU  Speed:               2.26GHz
      IDE0 Model  Name:         XXXXXXXXXXX-(XX)
      IDE0 Serial  Number:      XXXXXXXX
      IDE1 Model  Name:         XXXXXXXXXXX-(XX)
      IDE1 Serial  Number::     XXXXXXXX
      ATAPI Model  Name:        XXXXXXXXXXX-XXX XX-XXXX-(XX)
      System BIOS  Version:     VX.XX
      VGA BIOS  Version:        XX-XXX  XXXXXX.XXX.XXX.XXX.XXXXXX
      KBC  Version:             XX.XX
      Serial  Number:           XXXXXXXXXXXXXXXXXXXXXXX
      Asset Tag Number:         None
      Product  Name:            Aspire 8730G
      Manufacturer  Name:       Acer
      UUID:                     XXXxXxXX-xXxX-XXxx-xXXx-xXXxXXxXxxXX




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

**NOTE:** The system information is subject to different models.

| Parameter | Description |
|---|---|
| CPU Type | This field shows the CPU type and speed of the system. |
| CPU Speed | This field shows the speed of the CPU. |
| IDE0 Model Name | This field shows the model name of HDD installed on primary IDE master. |
| IDE0 Serial Number | This field displays the serial number of HDD installed on primary IDE master. |
| IDE1 Model Name | This field shows the model name of HDD installed on secondary IDE master. |
| IDE1 Serial Number | This field displays the serial number of HDD installed on secondary IDE master. |
| ATAPI Model Name | This field shows the model name of the Optical device installed in the system. |
| System BIOS Version | Displays system BIOS version. |
| VGA BIOS Version | This field displays the VGA firmware version of the system. |
| KBC Ver | This field shows the keyboard |
| Serial Number | This field displays the serial number of this unit. |
| Asset Tag Number | This field displays the asset tag number of the system. |
| Product Name | This field shows product name of the system. |
| Manufacturer Name | This field displays the manufacturer of this system. |
| UUID Number | Universally Unique Identifier (UUID) is an identifier standard used in software construction, standardized by the Open Software Foundation (OSF) as part of the Distributed Computing Environment (DCE). |

# Main

The Main screen allows the user to set the system time and date as well as enable and disable boot option and recovery.

Aspire 8730/8730Z Series:

```
                      Phoenix SecureCore(tm) Setup Utility
      Information      Main       Security        Boot        Exit

                                                         Item Specific Help

      System Time:          [10:10:10]
      System Date:          [12/02/2008]
                                                    <Tab>, <Shift-Tab>, or
      System Memory:        640 KB                  <Enter> selects field.
      Extended Memory:      4061 MB
      Video Memory:         1024 MB

      Quiet Boot:           [Enabled]
      Network Boot:         [Enabled]
      F12 Boot Menu:        [Disabled]
      D2D Recovery:         [Enabled]
      SATAMode              [AHCI]




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

Aspire 8530 Series:

```
                         PhoenixBIOS Setup Utility
      Information      Main       Security        Boot        Exit

                                                         Item Specific Help

      System Time:          [10:10:10]
      System Date:          [12/02/2008]
                                                    <Tab>, <Shift-Tab>, or
      Total Memory:         2048 KB                 <Enter> selects field.

      Video Memory:         512 MB

      Quiet Boot:           [Enabled]
      Network Boot:         [Enabled]
      F12 Boot Menu:        [Disabled]
      D2D Recovery:         [Enabled]
      SATAMode              [AHCI]




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

**NOTE:** The screen above is for your reference only. Actual values may differ.

The table below describes the parameters in this screen. Settings in **boldface** are the default and suggested parameter settings.

| Parameter | Description | Format/Option |
|---|---|---|
| System Time | Sets the system time. The hours are displayed with 24-hour format. | Format: HH:MM:SS (hour:minute:second) System Time |
| System Date | Sets the system date. | Format MM/DD/YYYY (month/day/year)<br>System Date |
| System Memory | This field reports the memory size of the system. Memory size is fixed to 640MB | |
| Total Memory | This field reports the total memory size of the system. For Aspire 8530 Series only. | |
| Extended Memory | This field reports the memory size of the extended memory in the system.<br>Extended Memory size=Total memory size-1MB | |
| VGA Memory | Shows the VGA memory size. | |
| Quiet Boot | Determines if Customer Logo will be displayed or not; shows Summary Screen is disabled or enabled.<br>Enabled: Customer Logo is displayed, and Summary Screen is disabled.<br>Disabled: Customer Logo is not displayed, and Summary Screen is enabled. | Option: **Enabled** or Disabled |
| Network Boot | Enables, disables the system boot from LAN (remote server). | Option: **Enabled** or Disabled |
| F12 Boot Menu | Enables, disables Boot Menu during POST. | Option: **Disabled** or Enabled |
| D2D Recovery | Enables, disables D2D Recovery function. The function allows the user to create a hidden partition on hard disc drive to store operation system and restore the system to factory defaults. | Option: **Enabled** or Disabled |
| SATA Mode | Control the mode in which the SATA controller should operate. | Option: **AHCI** or IDE |

**NOTE:** The sub-items under each device will not be shown if the device control is set to disable or auto. This is because the user is not allowed to control the settings in these cases.

# Security

The Security screen contains parameters that help safeguard and protect your computer from unauthorized use.

```
                    Phoenix SecureCore(tm) Setup Utility
     Information        Main      Security        Boot        Exit

                                                        Item Specific Help

     Supervisor Password is:           Clear
     User Password is:                 Clear
     HDD Password is:                  Clear            Supervisor Password
                                                        controls access of the
     Set Supervisor Password           [Enter]          whole setup utility.
     Set User Password                 [Enter]          It can be used to boot
     Set HDD Password                  [Enter]          up when Password on
                                                        boot is enabled.
     Password on Boot:                 [Disabled]






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

**NOTE:** Please refer to "Remove HDD/BIOS Password" section if you need to know how to remove HDD/BIOS Password.

The table below describes the parameters in this screen. Settings in **boldface** are the default and suggested parameter settings.

| Parameter | Description | Option |
|---|---|---|
| Supervisor Password Is | Shows the setting of the Supervisor password | **Clear** or Set |
| User Password Is | Shows the setting of the user password. | **Clear** or Set |
| HDD Password Is | Shows the setting of the hard disk password. | **Clear** or Set |
| Set Supervisor Password | Press Enter to set the supervisor password. When set, this password protects the BIOS Setup Utility from unauthorized access. The user can not either enter the Setup menu nor change the value of parameters. | |
| Set User Password | Press Enter to set the user password. When user password is set, this password protects the BIOS Setup Utility from unauthorized access. The user can enter Setup menu only and does not have right to change the value of parameters. | |
| Set HDD Password | Enter HDD Password. | |
| Password on Boot | Defines whether a password is required or not while the events defined in this group happened. The following sub-options are all requires the Supervisor password for changes and should be grayed out if the user password was used to enter setup. | **Disabled** or Enabled |

**NOTE:** When you are prompted to enter a password, you have three tries before the system halts. Don't forget your password. If you forget your password, you may have to return your notebook computer to your dealer to reset it.

## Setting a Password

Follow these steps as you set the user or the supervisor password:

1.  Use the "w" and "y" keys to highlight the Set Supervisor Password parameter and press the e key. The Set Supervisor Password box appears:

```
            Set Supervisor Password

    Enter New Password       [              ]

    Confirm New Password    [               ]
```

2.  Type a password in the "Enter New Password" field. The password length can not exceeds 8 alphanumeric characters (A-Z, a-z, 0-9, not case sensitive). Retype the password in the "Confirm New Password" field.

**IMPORTANT:** Be very careful when typing your password because the characters do not appear on the screen.

3.  Press e.
    After setting the password, the computer sets the User Password parameter to "Set".
4.  If desired, you can opt to enable the Password on boot parameter.

5.  When you are done, press u to save the changes and exit the BIOS Setup Utility.

## Removing a Password

Follow these steps:

1. Use the w and y keys to highlight the Set Supervisor Password parameter and press the e key. The Set Password box appears:

```
        Set Supervisor Password

   Enter current password    [                 ]

   Enter New Password        [                 ]

   Confirm New Password      [                 ]
```

2. Type the current password in the Enter Current Password field and press e.

3. Press e twice **without** typing anything in the Enter New Password and Confirm New Password fields. The computer then sets the Supervisor Password parameter to "Clear".

4. When you have changed the settings, press u to save the changes and exit the BIOS Setup Utility.

## Changing a Password

1. Use the w and y keys to highlight the Set Supervisor Password parameter and press the e key. The Set Password box appears:

```
        Set Supervisor Password

   Enter current password    [                 ]

   Enter New Password        [                 ]

   Confirm New Password      [                 ]
```

2. Type the current password in the Enter Current Password field and press e.

3. Type a password in the Enter New Password field. Retype the password in the Confirm New Password field.

4. Press e. After setting the password, the computer sets the User Password parameter to "Set".

5. If desired, you can enable the Password on boot parameter.

6. When you are done, press u to save the changes and exit the BIOS Setup Utility.

If the verification is OK, the screen will display as following.

```
                Setup Notice

          Changes have been saved.

                [ continue]
```

The password setting is complete after the user presses u.

If the current password entered does not match the actual current password, the screen will show you the Setup Warning.

```
┌─────────────────────────────────────────┐
│           Setup Warning                  │
│                                          │
│          Invalid password                │
│                                          │
│          Re-enter Password               │
│                                          │
│             [ continue]                  │
└─────────────────────────────────────────┘
```

If the new password and confirm new password strings do not match, the screen will display the following message.

```
┌─────────────────────────────────────────┐
│           Setup Warning                  │
│                                          │
│        Password do not match             │
│                                          │
│          Re-enter Password               │
└─────────────────────────────────────────┘
```

# Boot

This menu allows the user to decide the order of boot devices to load the operating system. Bootable devices includes the diskette drive in module bay, the onboard hard disk drive and the CD-ROM in module bay.

```
            Phoenix SecureCore(tm) Setup Utility
  Information     Main      Security       Boot        Exit

                                                Item Specific Help
   Boot priority order:

    1:  IDE0: XXXXXXXXXXX-(XX)             Use <↑> or <↓> to
    2:  IDE1: XXXXXXXXXXX-XXX XX-XXXX-XX   select a device, then
    3:  CD/DVD: Optiarc BD ROM BC-XXXXX-(X press <F6> to move it
    4:  PCI LAN: Network Boot              up the list, or <F5>
    5:  USB HDD:                           to move it down the
    6:  USB FDD:                           list. Press <Esc> to
    7:  USB Key:                           escape the menu.
    8:  USB CD/DVD ROM:




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

# Exit

The Exit screen contains parameters that confirmed or discard the changes made to the parameters in the BIOS Setup Utility.

```
              Phoenix SecureCore(tm) Setup Utility
   Information      Main      Security      Boot      Exit

                                              ┌─────────────────────┐
                                              │  Item Specific Help │
                                              ├─────────────────────┤
     Exit Saving Changes                      │                     │
     Exit Discarding Changes                  │ Exit System Setup and│
     Load Setup Defaults                      │ save your changes to │
     Discard Changes                          │ CMOS.               │
     Save Changes                             │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │
                                              │                     │

   F1  Help    ↑↓ Select Item    -/+    Change Values    F9  Setup Defaults
   Esc Exit    ↔  Select Menu    Enter  Select ▶Sub-Menu  F10 Save and Exit
```
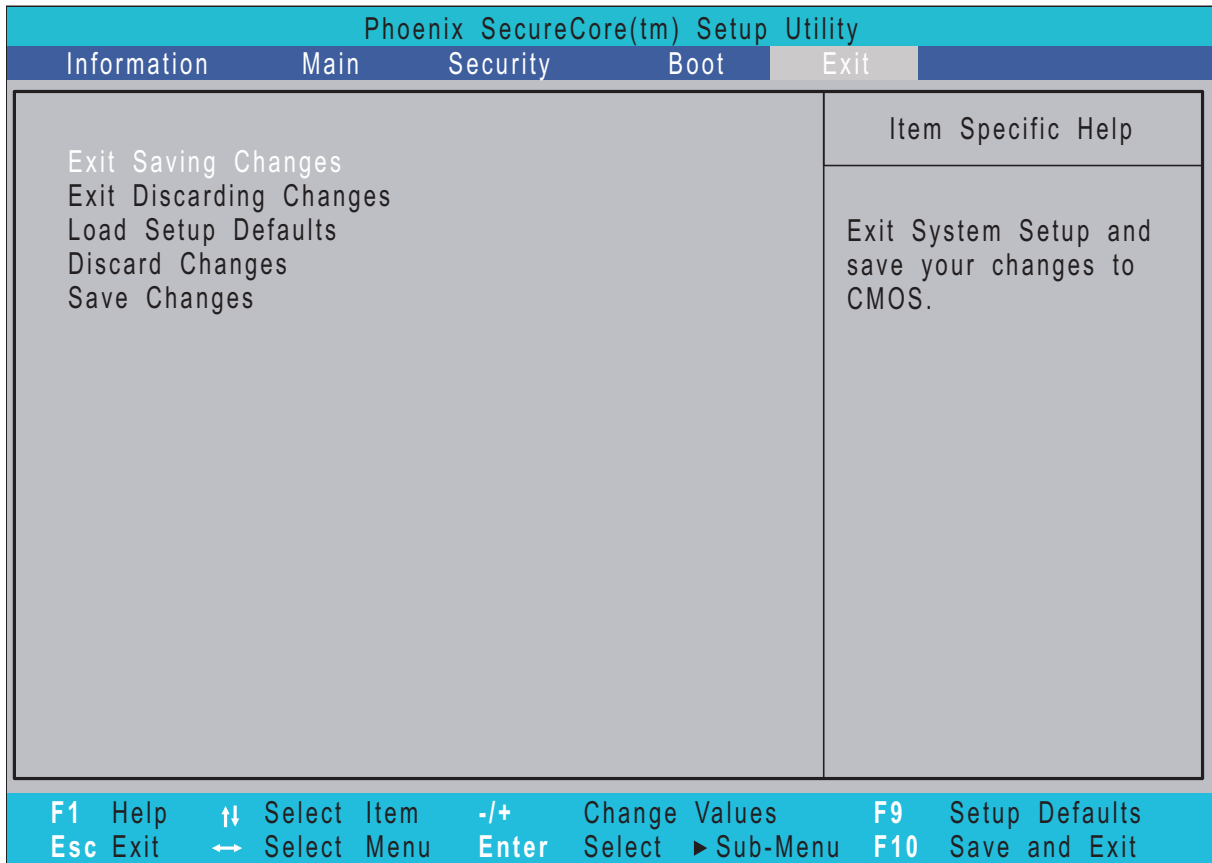
The table below describes the parameters in this screen.

| Parameter | Description |
|---|---|
| Exit Saving Changes | Exit System Setup and save your changes to CMOS. |
| Exit Discarding Changes | Exit utility without saving setup data to CMOS. |
| Load Setup Default | Load default values for all SETUP item. |
| Discard Changes | Load previous values from CMOS for all SETUP items. |
| Save Changes | Save Setup Data to CMOS. |

# BIOS Flash Utility

The BIOS flash memory update is required for the following conditions:

- New versions of system programs
- New features or options
- Restore a BIOS when it becomes corrupted.

Use the Flash utility to update the system BIOS flash ROM.

**NOTE:** If you do not have a crisis recovery diskette at hand, then you should create a **Crisis Recovery Diskette** before you use the Flash utility.

**NOTE:** Do not install memory-related drivers (XMS, EMS, DPMI) when you use the Flash.

**NOTE:** Please use the AC adaptor power supply when you run the Flash utility. If the battery pack does not contain enough power to finish BIOS flash, you may not boot the system because the BIOS is not completely loaded.

Fellow the steps below to run the Flash.

1. Prepare a bootable diskette.
2. Copy the flash utilities to the bootable diskette.
3. Then boot the system from the bootable diskette. The flash utility has auto-execution function.

# Remove HDD Password
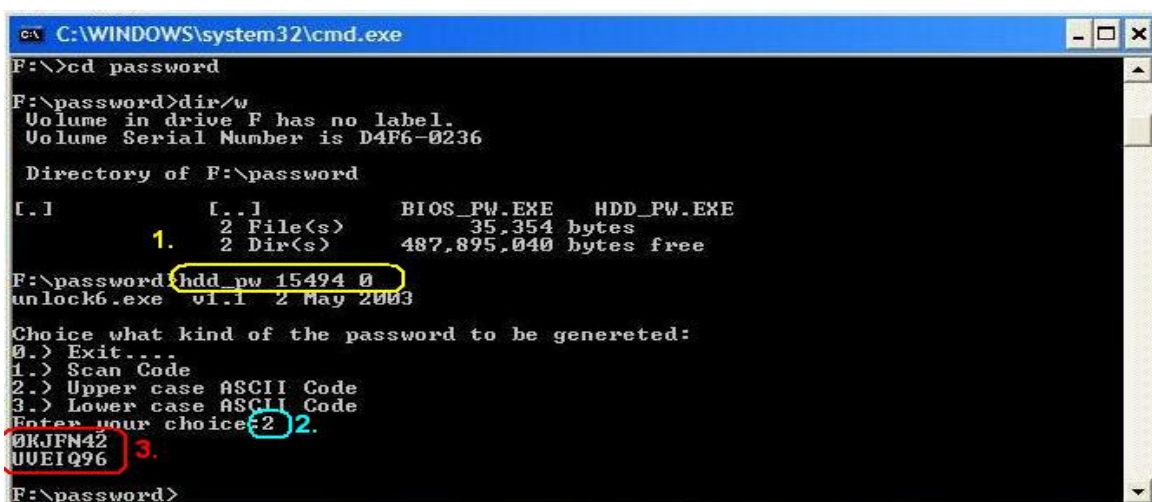
This section provide you with a method of removing HDD password:

**Remove HDD Password:**

- If you key in wrong HDD password for three time, "HDD password error code" would display on the screen. See the image below.
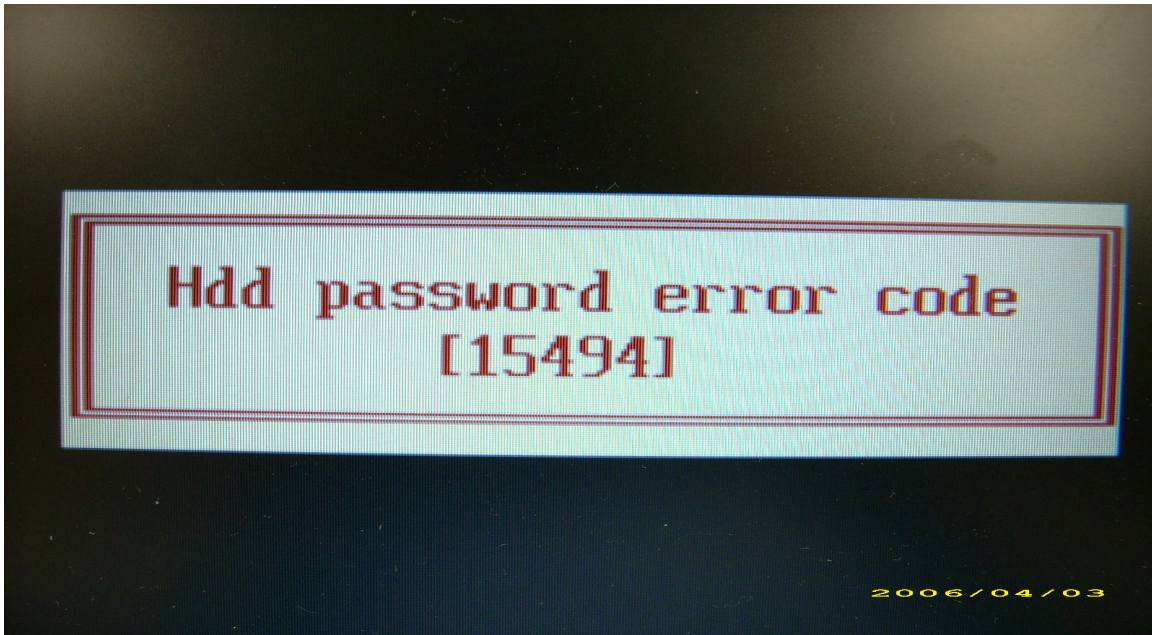


- If you need to solve HDD password locked problem, you can run HDD_PW.EXE
1. Key in "hdd_pw 15494 0"
2. Select "2"
3. Choose one upper-case string



- Reboot system and key in "0KJFN42" or "UVEIQ96" to HDD user password.

Enter Primary Master HDD User Password   [        ]

2006/04/03
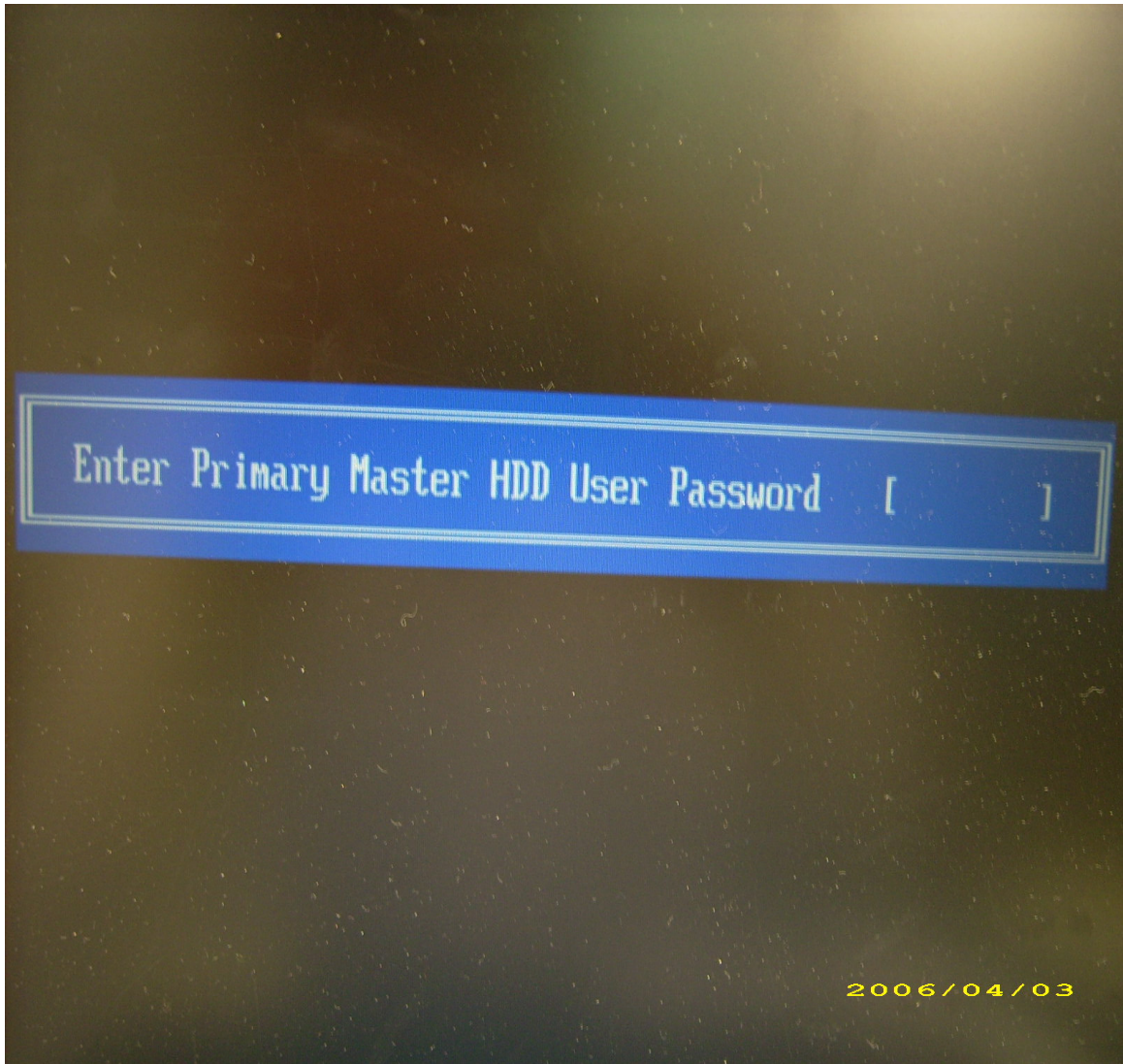
# Machine Disassembly and Replacement

This chapter contains step-by-step procedures on how to disassemble the notebook computer for maintenance and troubleshooting.

## Disassembly Requirements

To disassemble the computer, you need the following tools:

- Wrist grounding strap and conductive mat for preventing electrostatic discharge
- Flat screwdriver
- Philips screwdriver
- Hex screwdriver
- Plastic flat screwdriver
- Plastic tweezers

**NOTE:** The screws for the different components vary in size. During the disassembly process, group the screws with the corresponding components to avoid mismatch when putting back the components.

# General Information

## Pre-disassembly Instructions

Before proceeding with the disassembly procedure, make sure that you do the following:

1. Turn off the power to the system and all peripherals.

2. Unplug the AC adapter and all power and signal cables from the system.

3. Place the system on a flat, stable surface.

4. Remove the battery pack.

## Disassembly Process

The disassembly process is divided into the following stages:

- External module disassembly
- Main unit disassembly
- LCD module disassembly

The flowcharts provided in the succeeding disassembly sections illustrate the entire disassembly sequence. Observe the order of the sequence to avoid damage to any of the hardware components. For example, if you want to remove the main board, you must first remove the keyboard, then disassemble the inside assembly frame in that order.

**Main Screw List**

| Item | Screw | Color | Part No. |
|------|-------|-------|----------|
| A | M2 x L4 | Black | 86.00E34.738 |
| B | M2 x L4 | Silver | 86.9A552.4R0 |
| C | M2.5 x L6 | Black | 86.00E33.736 |
| D | M3 x L3 | Silver | 86.00E78.643 |
| E | M2 x L3 | Silver | 86.9A522.3R0 |

# External Module Disassembly Process

## External Modules Disassembly Flowchart

The flowchart below gives you a graphic representation on the entire disassembly sequence and instructs you on the components that need to be removed during servicing. For example, if you want to remove the main board, you must first remove the keyboard, then disassemble the inside assembly frame in that order.

**EXTERNAL MODULE DISASSEMBLY**

```
        TURN OFF POWER
        AND PERIPHERALS
              |
        UNPLUG POWER
          CABLES
              |
        REMOVE BATTERY
            PACK
         /         \
   SD DUMMY CARD    ExpressCard
                    DUMMY CARD
                         |
                              Captive Screwx2
                         |
                         HDD 2
                         COVER
                           | Bx1
                         HDD 2
                         MODULE
   Captive Screwx9   Ax6        Dx4 /        \
         LOWER           HARD DISK    HARD DISK
         COVER           BRACKET      DRIVE

  Bx1          Bx2*                   DIMM
 HDD 2      TV TUNER                 MODULES
 MODULE      BOARD          Bx1
Dx4 /   \        | Bx1/Bx2*   ODD
HARD  HARD      WLAN         MODULE
DISK  DISK      BOARD
BRACKET DRIVE            OPTICAL DISK  Bx2  OPTICAL
                           DRIVE            LOCKER
                                            BRACKET
```

*Note: Aspire 8730/8730Z Series TV Tuner Board uses one screw (B). Aspire 8530 Series TV Tuner Board use latches.
Aspire 8730/8730Z Series WLAN Board uses one screw (B). Aspire 8530 Series WLAN Board uses two screws (B).

### Screw List

| Item | Screw | Color | Part No. |
|------|-------|-------|----------|
| A | M2 x L4 | Black | 86.00E34.738 |
| B | M2 x L4 | Silver | 86.9A552.4R0 |
| D | M3 x L3 | Silver | 86.00E78.643 |

# Removing the Battery Pack

1. Turn base unit over.

2. Slide the battery lock/unlock latch to the unlock position.
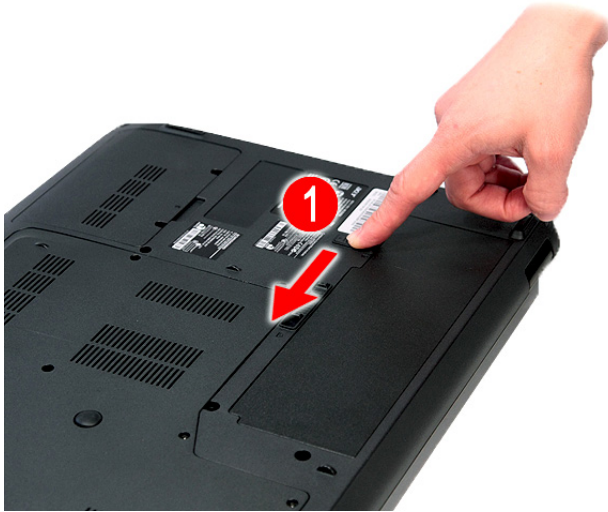
3. Slide the battery release latch to the release position to pop out the battery pack, then remove the battery pack from the main unit.
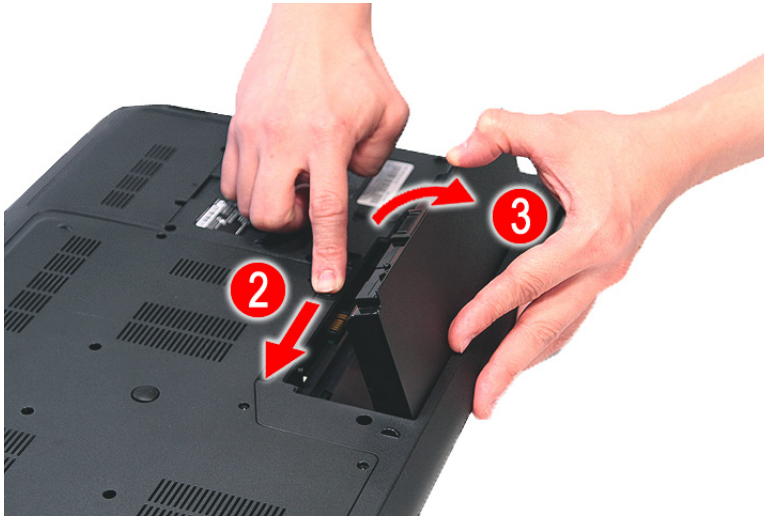
# Removing the SD dummy card

1. Push the SD dummy card all the way in to eject it.



2. Pull it out from the slot.

# Removing the ExpressCard dummy card

**1.** Push the ExpressCard dummy card all the way in to eject it.

**2.** Pull it out from the slot.

# Removing the Lower Cover

**1.** See "Removing the Battery Pack" on page 54.

**2.** Remove the nine captive screws securing the lower cover.
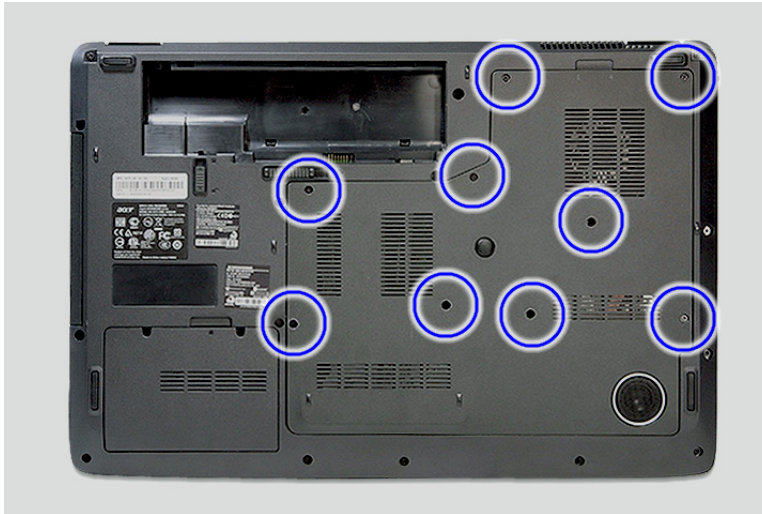


**3.** Use a plastic screw driver to carefully pry open the lower cover.
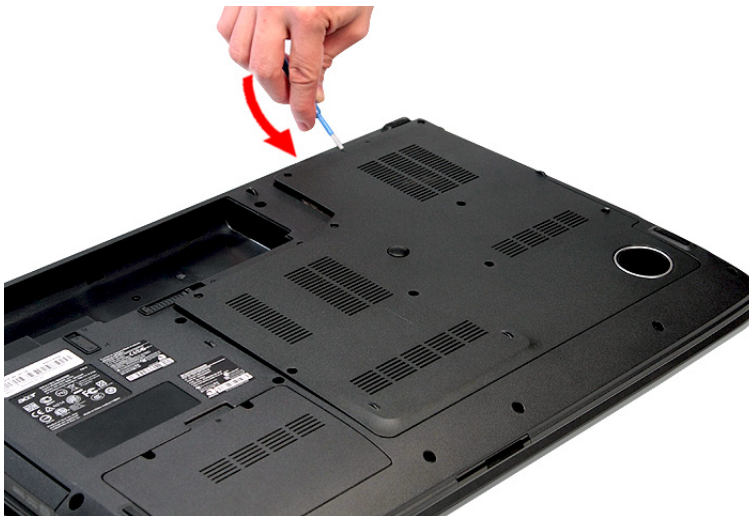


**4.** Remove the lower cover from the lower case.

# Removing the DIMM

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the Lower Cover" on page 56..

3. Push out the latches on both sides of the DIMM socket to release the DIMM.
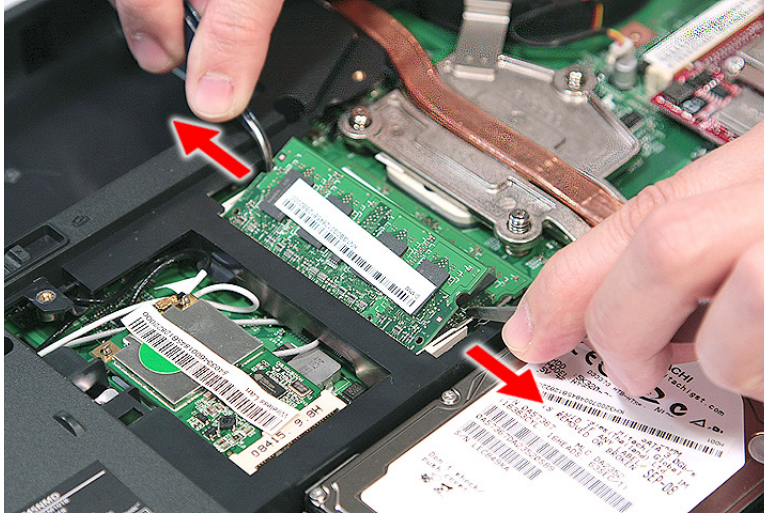


4. Remove the DIMM module.
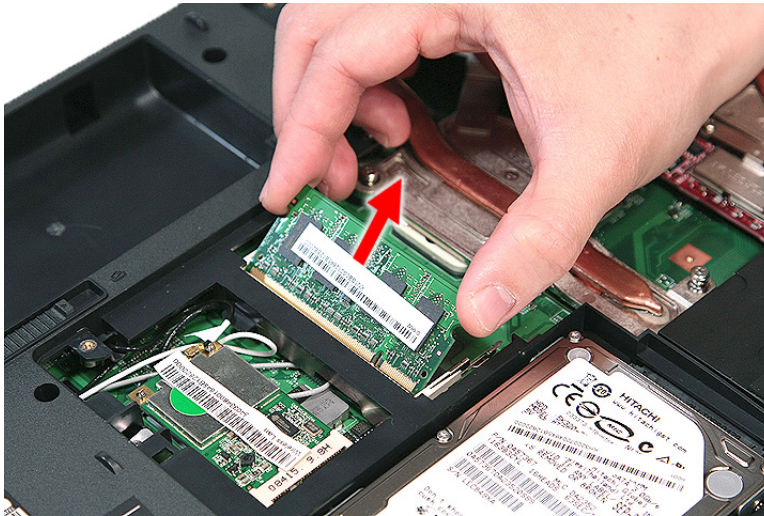


# Removing the TV Tuner Board Modules

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the Lower Cover" on page 56.

**3.** Remove the antenna cable from the board.
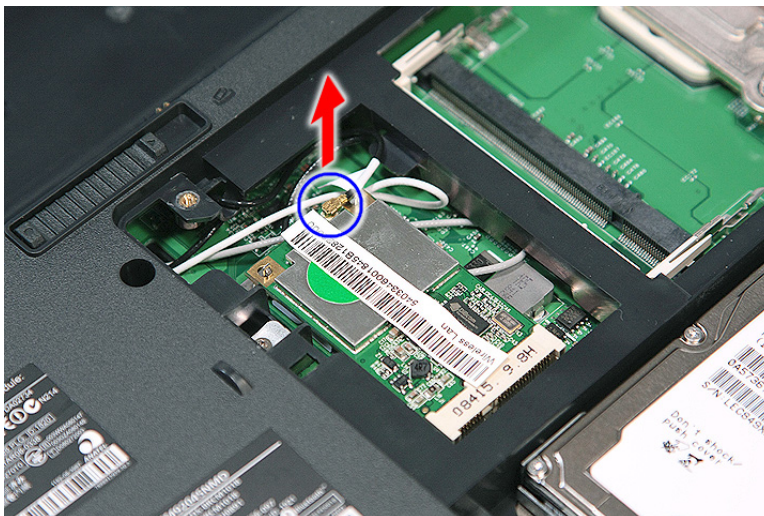


**4.** For Aspire 8730/8730Z Series, remove the one screw (B) securing the board to the system.
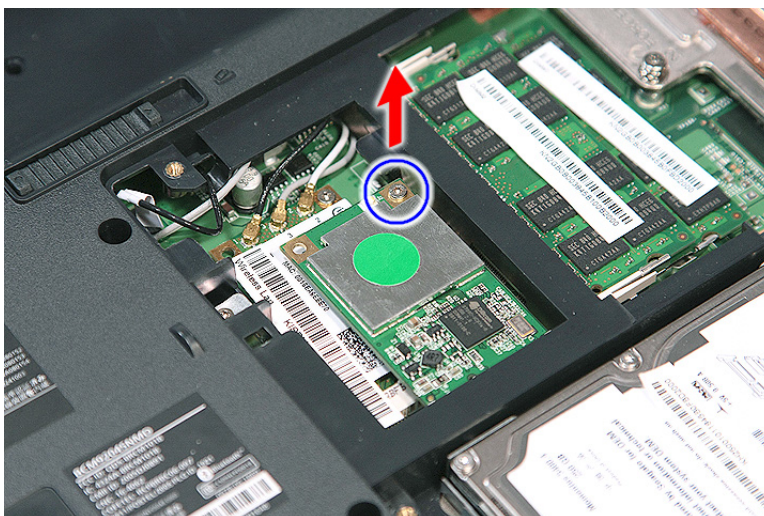


| Step | Size (Quantity) | Color | Torque |
|------|----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**5.** For Aspire 8530 Series, release the two latch securing the board to the system by pushing it in the direction of the arrows.
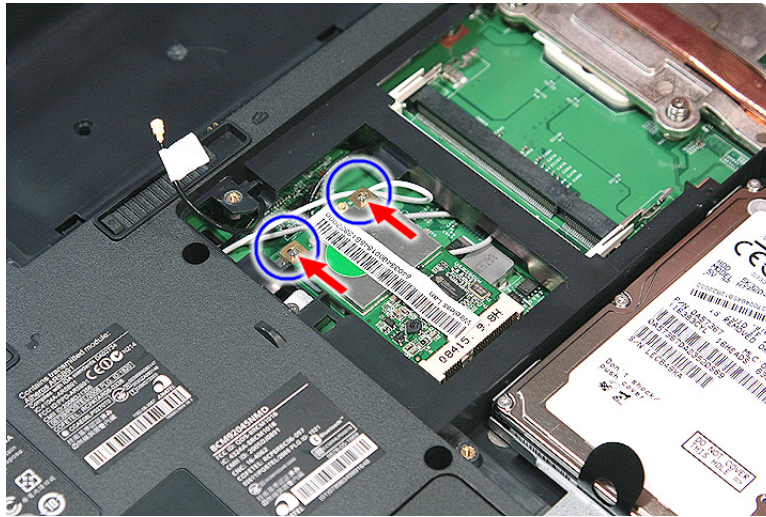
**6.** Remove the TV tuner board module from the system.
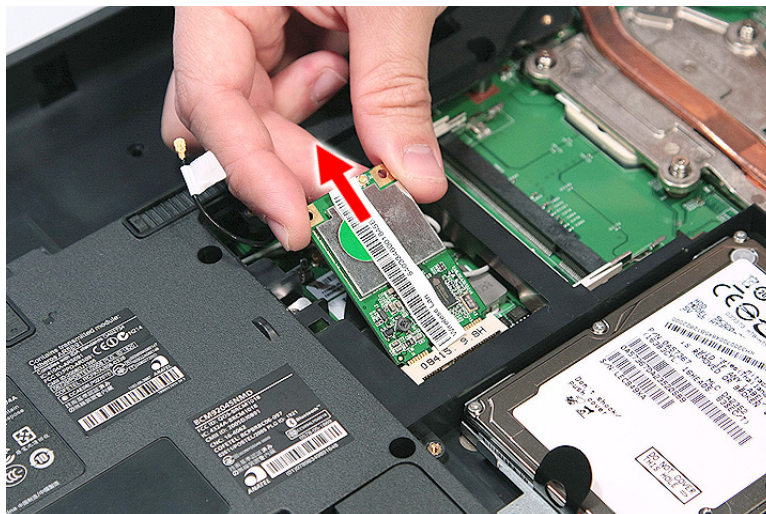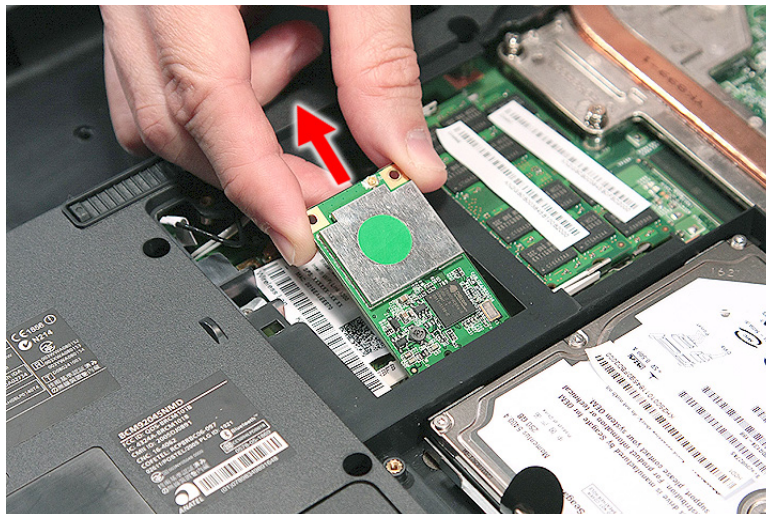
# Removing the WLAN Board Modules

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the Lower Cover" on page 56.

3. "Removing the TV Tuner Board Modules" on page 58.

4. For Aspire 8730/8730Z Series, disconnect the three antenna cables from the WLAN board module.
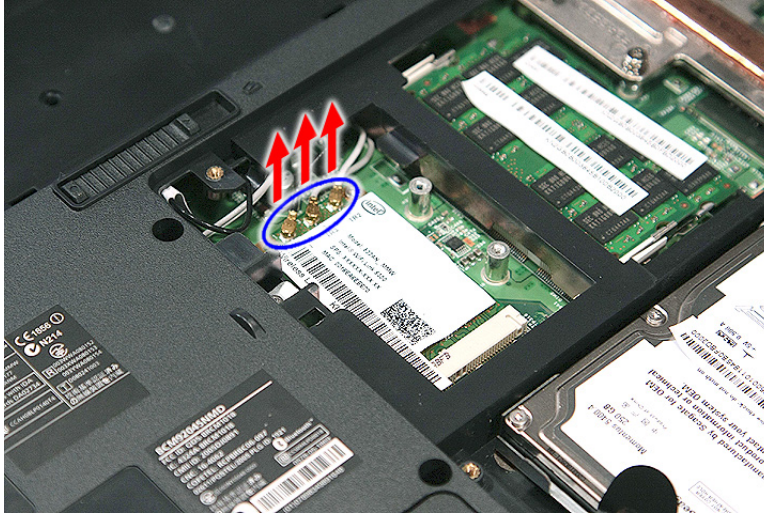


**NOTE:** There are 3 antenna cables connected to the WLAN board module. The Black antenna cable is connected to the connector #1, the White antenna cable is connected to connector #2 and the Gray antenna cable is connected to connector #3.

5. For Aspire 8530 Series, remove the gray antenna that is taped to the board and disconnect the black and white antenna cables from the WLAN board module.
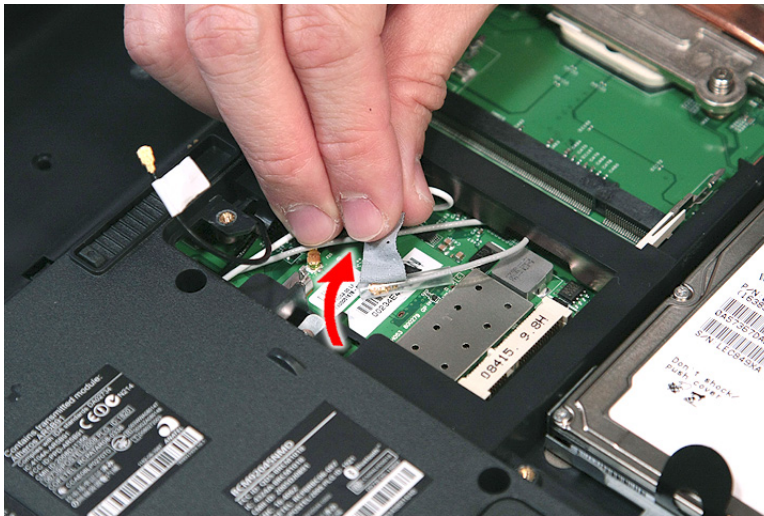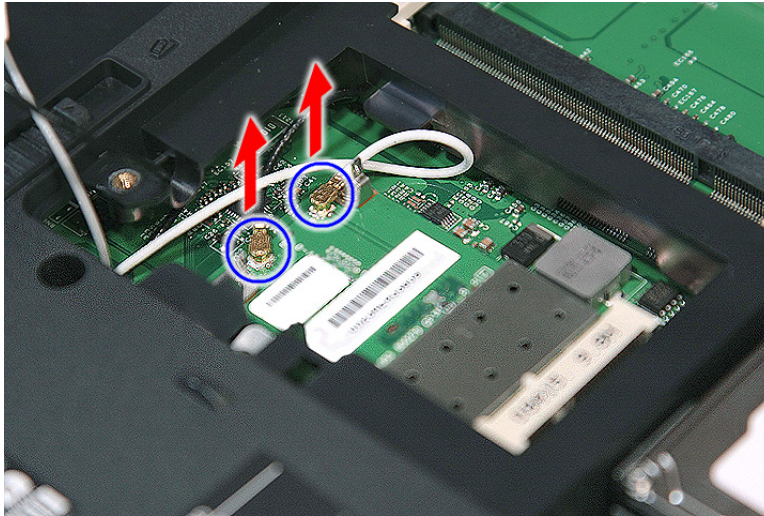
**NOTE:** There are 2 antenna cables connected to the WLAN board module. The Black antenna cable is connected to the J3 connector and the White antenna cable is connected to the J2 connector.

6.  For Aspire 8730/8730Z Series, move the antenna away from the WLAN board and remove the one screw (B) on the WLAN board to release the WLAN board.
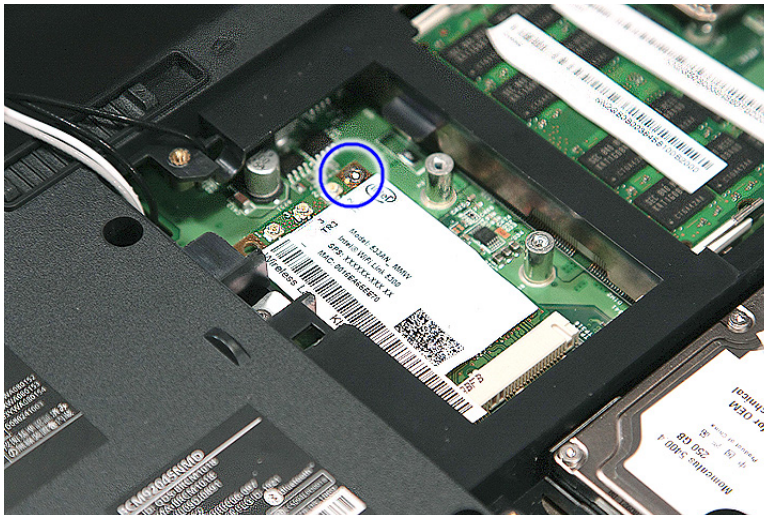


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**7.** For Aspire 8530 Series, move the antenna away from the WLAN board and remove the two screws (B) on the WLAN board to release the WLAN board.
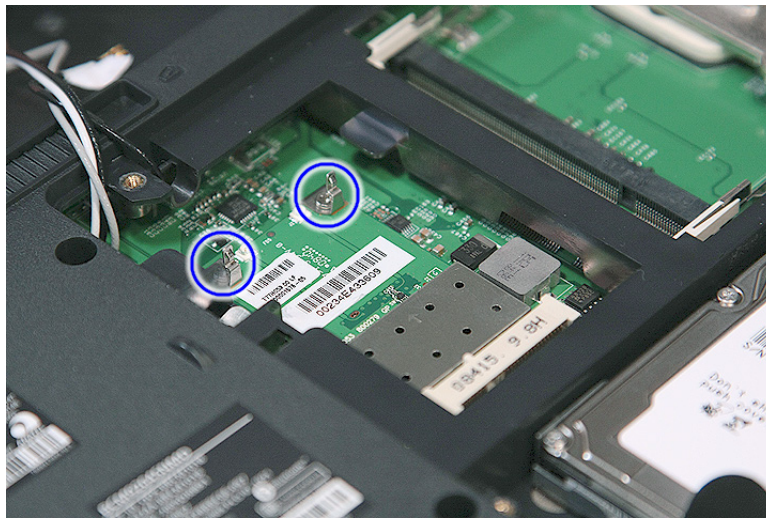


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~2 | M2 x L4 (2) | Silver | 1.6 kgf-cm |

**8.** Detach the WLAN board from the WLAN socket.
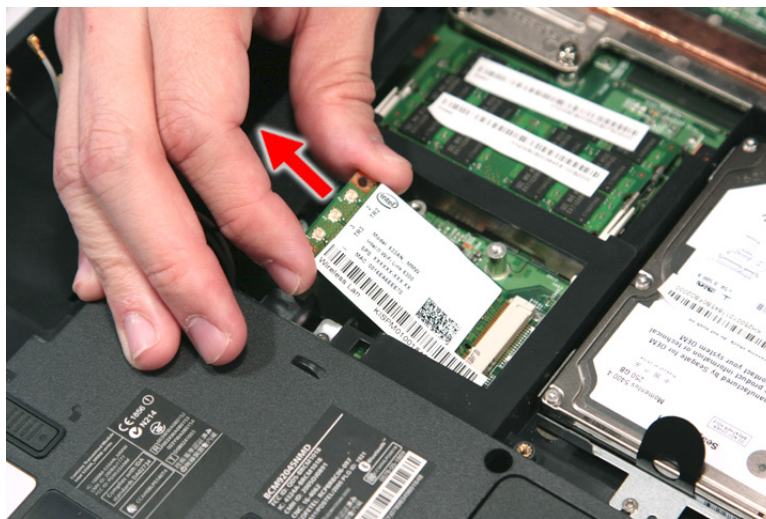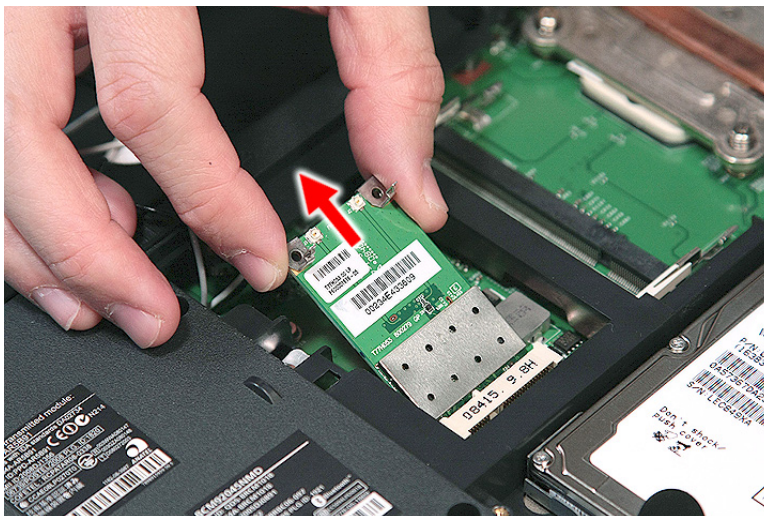
**NOTE:** When attaching the antenna back to the WLAN board, make sure the cable are arranged properly.

## Removing the Hard Disk Drive Module 1

1. See "Removing the Battery Pack" on page 54.
2. See "Removing the Lower Cover" on page 56.
3. Remove the one screw (B) securing the hard disk drive module.



| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**4.** Slide the hard disk drive module away from the connector.



**5.** Lift the hard disk drive module and remove it from the hard disk drive bay.
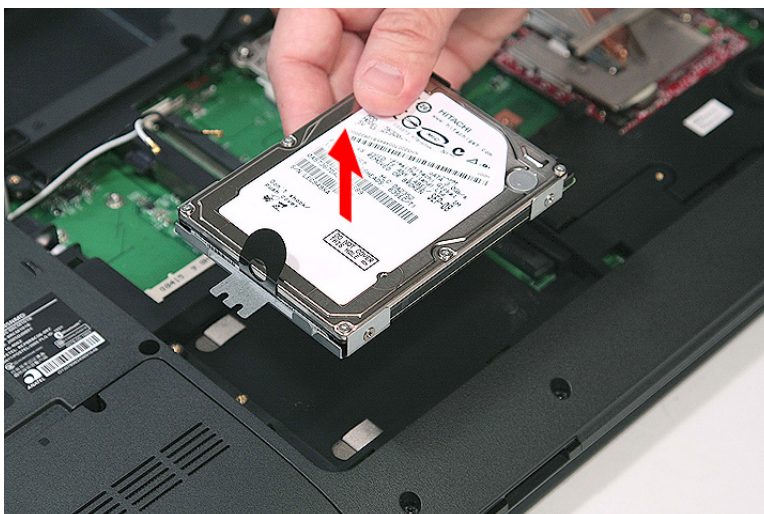


**NOTE:** To prevent damage to device, avoid pressing down on it or placing heavy objects on top of it.

**6.** Remove the four screws (D) securing the hard disk to the bracket and remove the hard disk from the bracket.
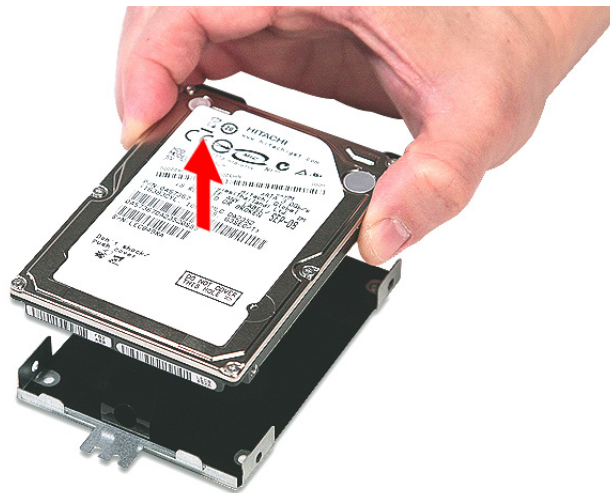




| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~4 | M3 x L3 (4) | Silver | 3.0 kgf-cm |

# Removing the Hard Disk Drive Module 2

**1.** See "Removing the Battery Pack" on page 54.

**2.** Remove the two captive screws securing the hard disk drive cover.

**3.** Remove the one screw (B) securing the hard disk drive module.



| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**4.** Slide the hard disk drive module away from the connector.

**5.** Lift the hard disk drive module and remove it from the hard disk drive bay.
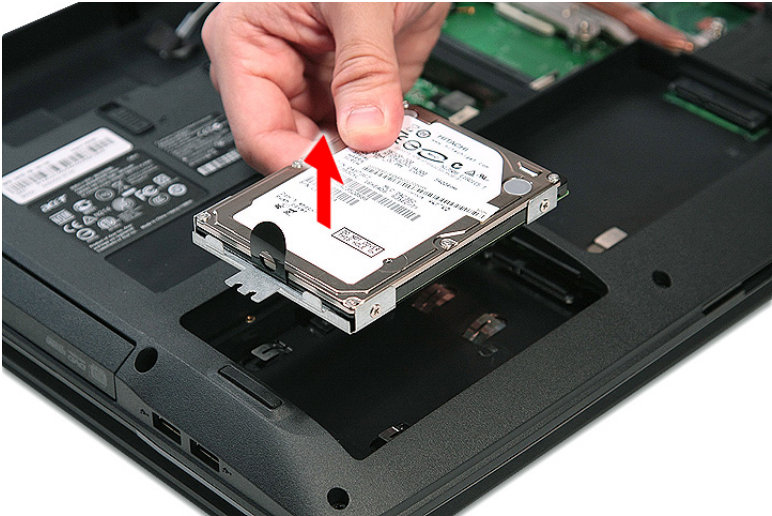


**NOTE:** To prevent damage to device, avoid pressing down on it or placing heavy objects on top of it.

**6.** Follow the step 6 of "Removing the Hard Disk Drive Module 1" on page 64 to remove the hard disk from the bracket.

## Removing the Optical Drive Module

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the Lower Cover" on page 56.

**3.** Remove the one screw (B) securing the optical drive module to the system.
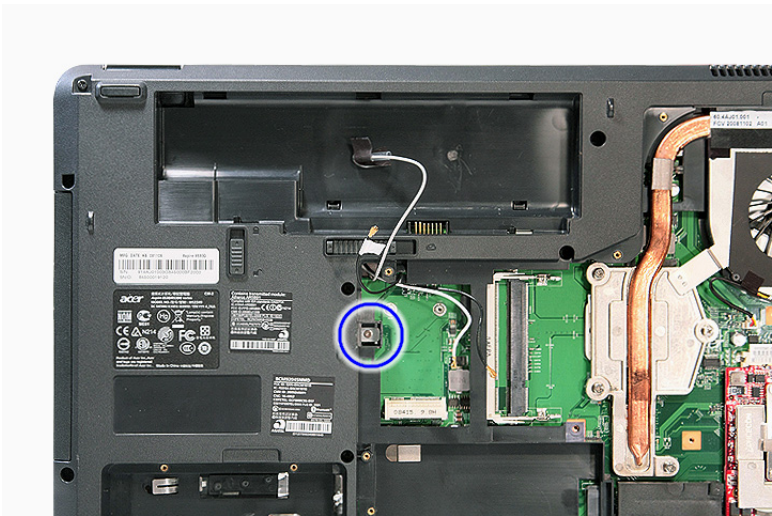


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**4.** Use a screw driver to push out the locker bracket of the optical drive module.
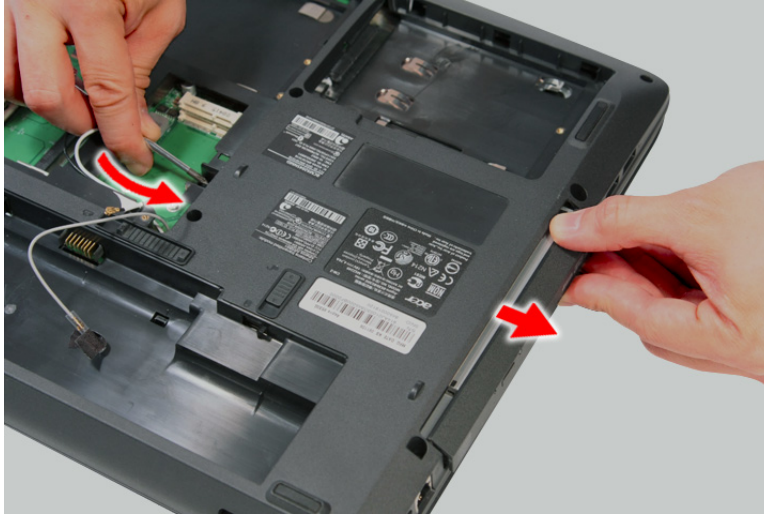


**5.** Slowly pull out the odd module from the odd drive bay.

**6.** Remove the one screw (B) securing the locker bracket and remove the locker bracket from the optical disk drive module.
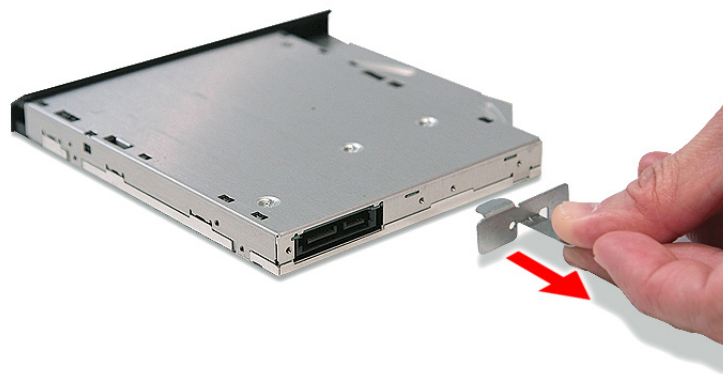
| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

# Main Unit Disassembly Process

## Main Unit Disassembly Flowchart

**MAIN UNIT DISASSEMBLY**

```
                          ┌─────────────────┐
                          │   MAIN   UNIT   │
                          └─────────────────┘
                                   │
              ┌────────────────────┴──────────────── SCREW X 8 ┐
              │                                                 │
    ┌──────────────────┐                          ┌────────────────────────┐
    │  MIDDLE COVER    │                          │        CPU             │
    │                  │                          │  THERMAL MODULE        │
    └──────────────────┘                          └────────────────────────┘
         │          │                                  │              │
  B x 1  │          │                                  │         B x 2│
 ┌──────────────┐  ┌──────────────┐          ┌──────────────┐  ┌──────────────┐
 │   POWER      │  │  KEYBOARD    │          │     CPU      │  │  VGA CARD    │
 │   BOARD      │  │              │          │              │  │              │
 └──────────────┘  └──────────────┘          └──────────────┘  └──────────────┘
                    A x 4 │                        │
              ┌──────────────────┐                 │
              │  LCD MODULE      │                 │
              └──────────────────┘                 │
        A x 16        │                            │
              ┌──────────────────┐
              │  UPPER  CASE     │─────────────────────┐
              └──────────────────┘                     │
          B x 2   │                     B x 2     B x 2 │
        ┌──────────────┐          ┌──────────┐  ┌──────────────┐  ┌──────────────┐
        │   MODEM      │          │  E-KEY   │  │ FINGERPRINT  │  │  TOUCHPAD    │
        │   CARD       │          │  BOARD   │  │  MODULE      │  │  MODULE      │
        └──────────────┘          └──────────┘  └──────────────┘  └──────────────┘
          B x 1 │
        ┌──────────────┐
        │   MAIN       │
        │   BOARD      │
        └──────────────┘
   B x 2    │   B x 3     │   B x 1
 ┌──────────────┐  ┌──────────────┐  ┌──────────────┐
 │  SUBWOOFER   │  │  SPEAKER     │  │   USB        │
 │              │  │  MODULE      │  │   MODULE     │
 └──────────────┘  └──────────────┘  └──────────────┘
```
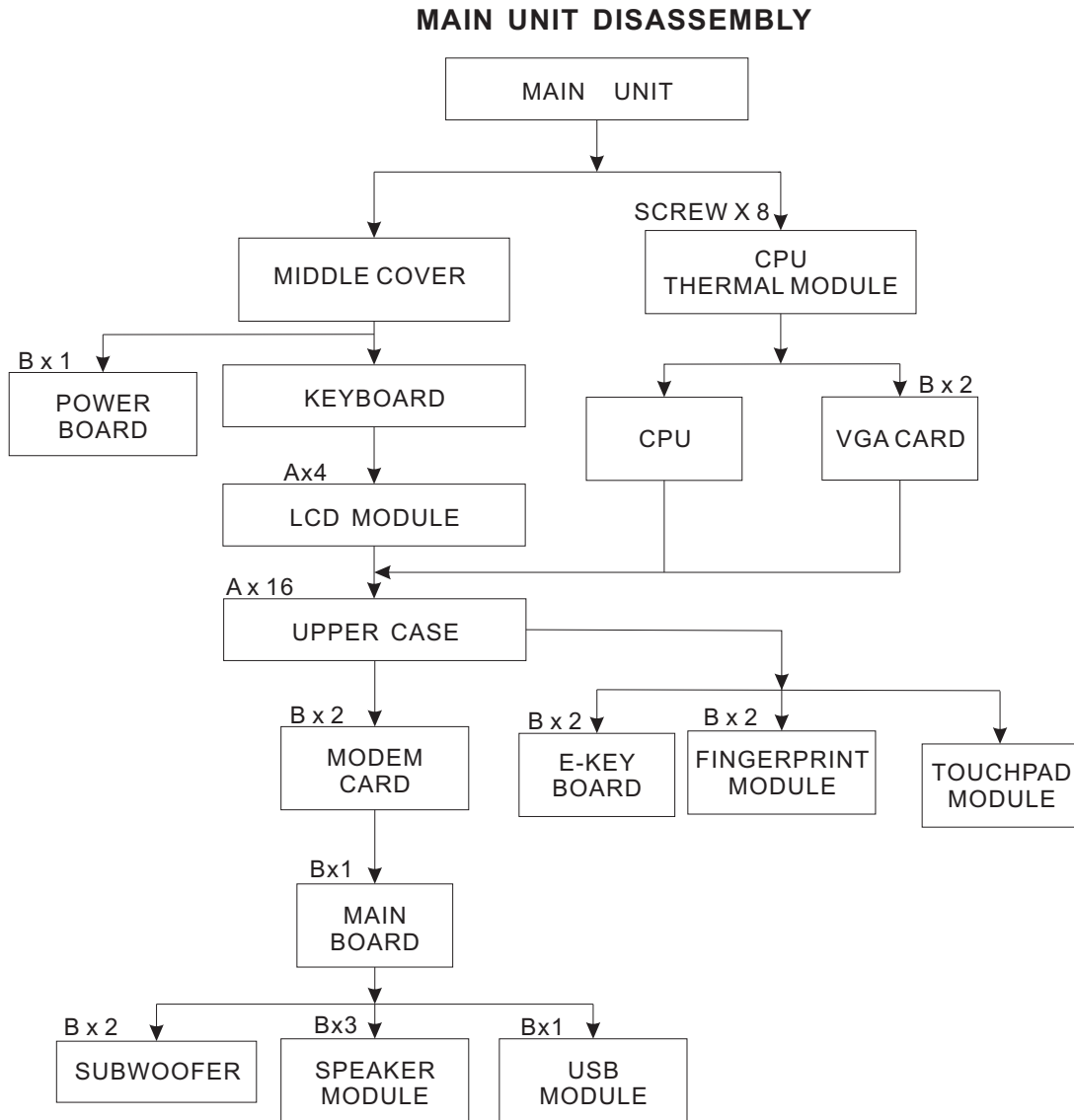
**Screw List**

| Item | Screw | Color | Part No. |
|------|-------|-------|----------|
| A | M2 x L4 | Black | 86.00E34.738 |
| B | M2 x L4 | Silver | 86.9A552.4R0 |

# Removing the Middle Cover

1. See "Removing the Battery Pack" on page 54.

2. Use a plastic screw driver to pry loose the side of the middle cover.

3. Carefully pry loose the middle cover from the latches securing it and remove the middle cover.

# Removing the Keyboard

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the Middle Cover" on page 73.

3. Push up on the four latches securing the keyboard to the upper case.
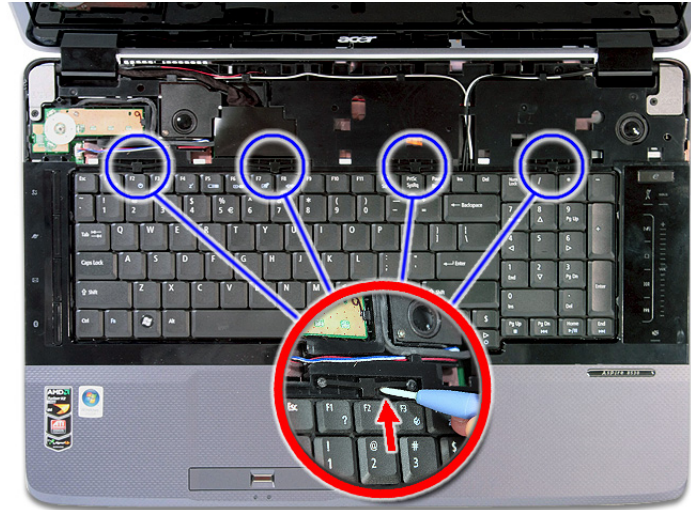


4. Carefully pry loose the keyboard and turn it over on the touchpad area.

**5.** Disconnect the keyboard cable from the main board to remove the keyboard.
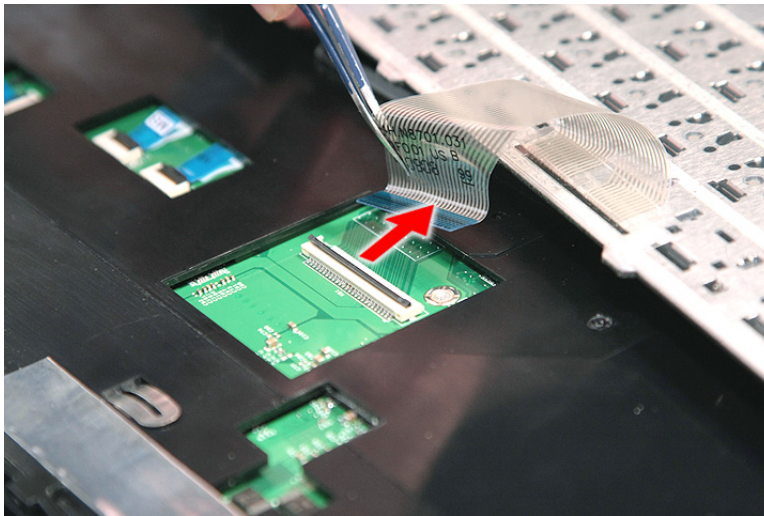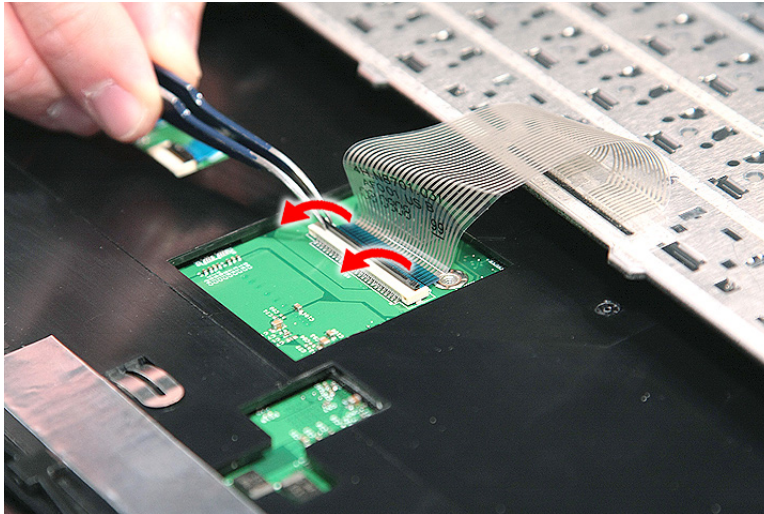




# Removing the Power Board

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the Middle Cover" on page 73.

**3.** Remove the one screw (B) securing the power board to the upper case.
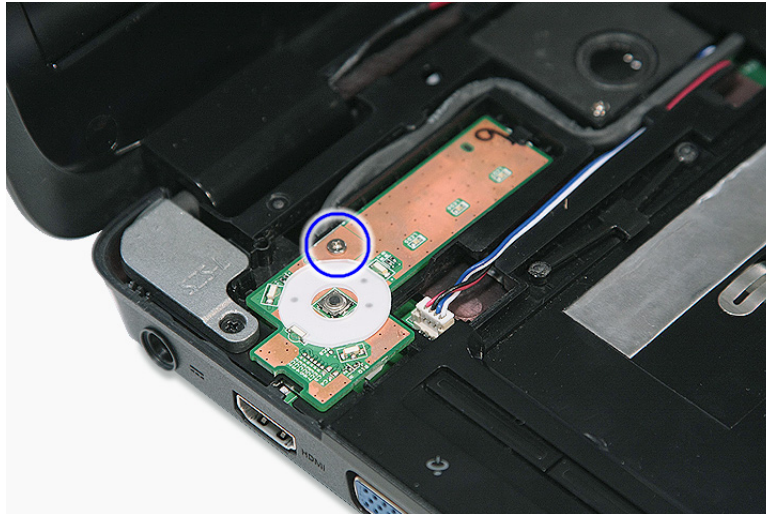


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**4.** Release the power board from the latch and turn it over.

**5.** Disconnect the power board cable from PWCN1 connector on the system to remove it.

# Removing the Heatsink Module

**NOTE:** There are two version of heatsink module. For this section, we are going to use the discrete model. The UMA version looks like the picture below:



1. See "Removing the Battery Pack" on page 54.

2. See "Removing the Lower Cover" on page 56.

3. Disconnect the heatsink connector from the main board.
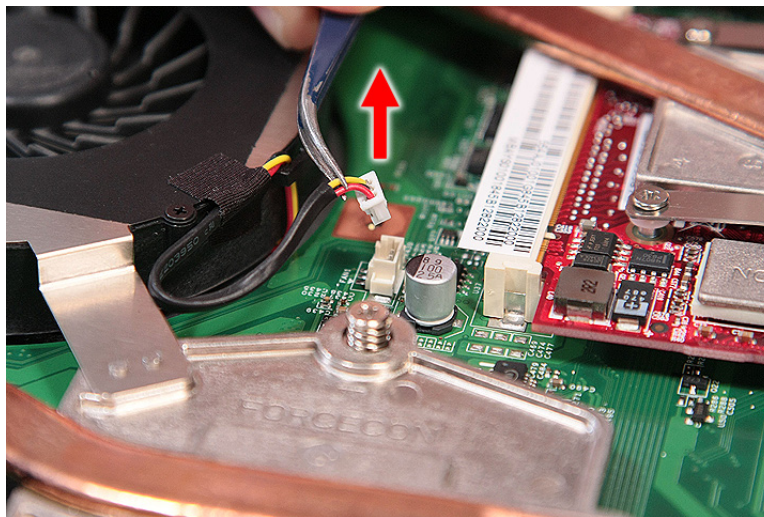
**4.** Remove the eight screws securing the heatsink module in the order shown.
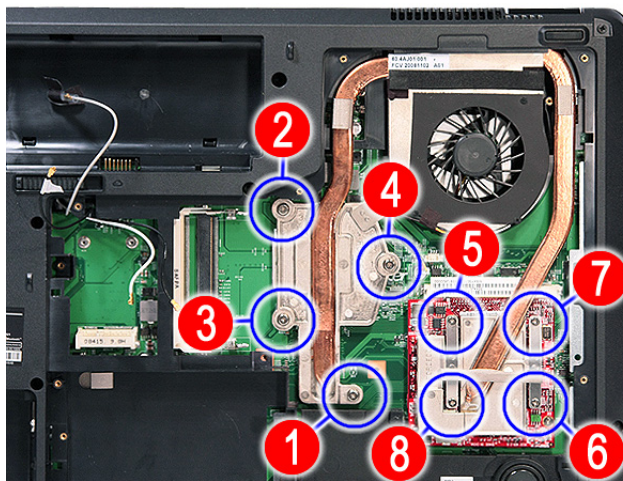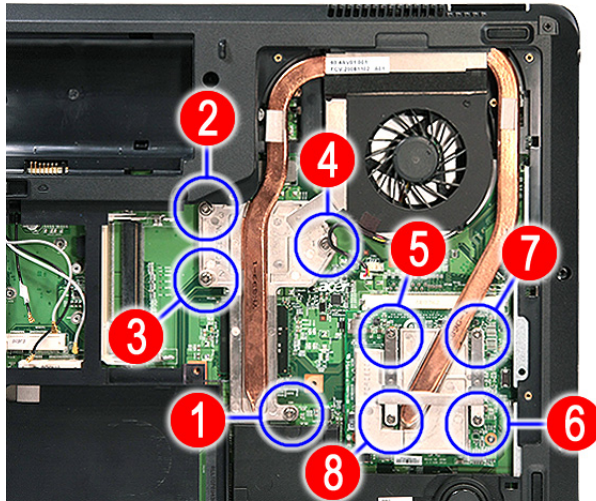




**NOTE:** The green VGA board in Aspire 8730/8730Z Series is made by NVdia, while the red VGA board in Aspire 8530 Series is made by ATI.

**5.** Carefully lift up the heatsink module.

# Removing the CPU

**NOTE:** Aspire 8730/8730Z Series uses the Intel® processor, while Aspire 8530 Series uses the AMD® processor. But the process in removing the CPU are the same for all the models.

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the Lower Cover" on page 56.

3. See "Removing the Heatsink Module" on page 78.

4. Using a flat screwdriver, turn the CPU socket latch counter-clockwise to release the CPU.
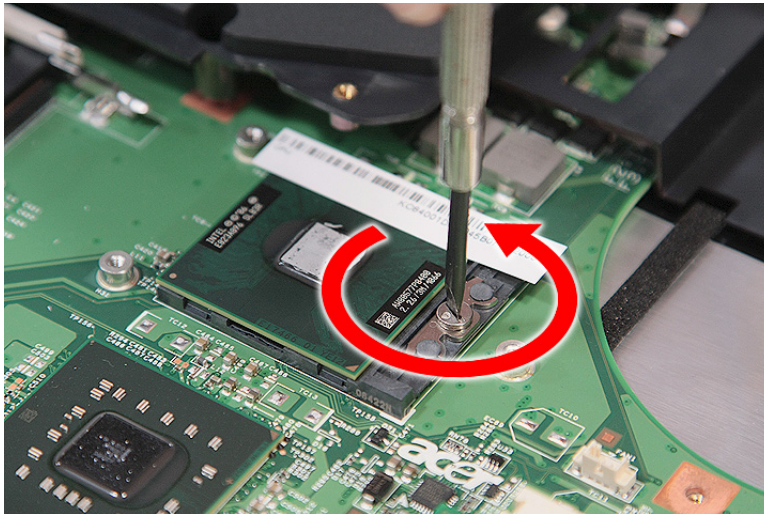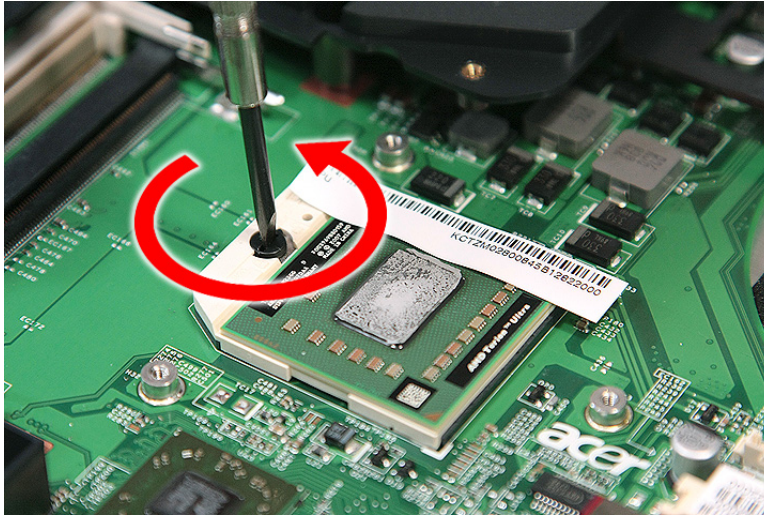
**5.** Lift up carefully to remove the CPU.
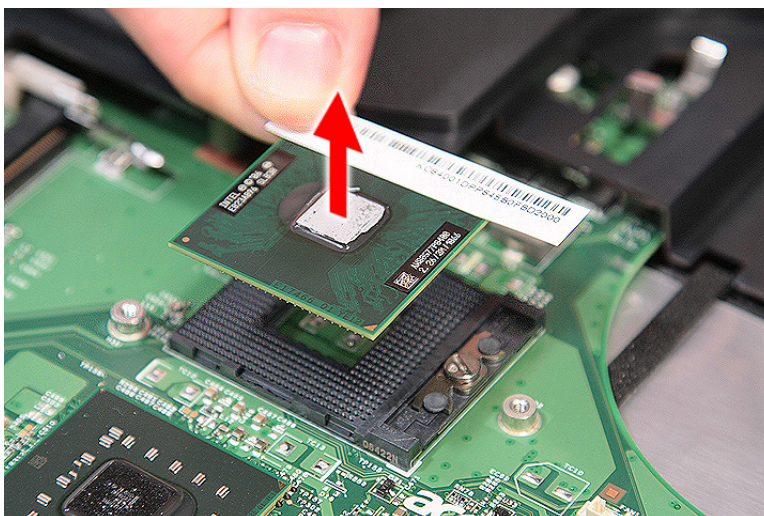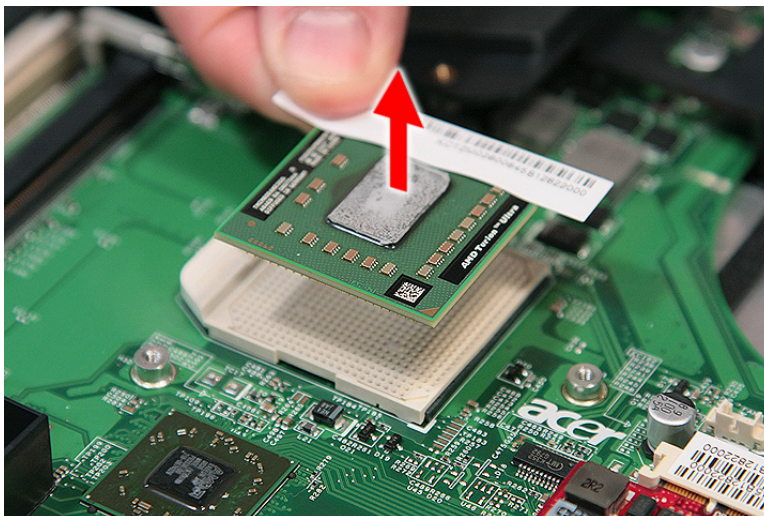




**NOTE:** When installing the CPU, make sure to install the CPU with PIN 1 at the corner as shown.
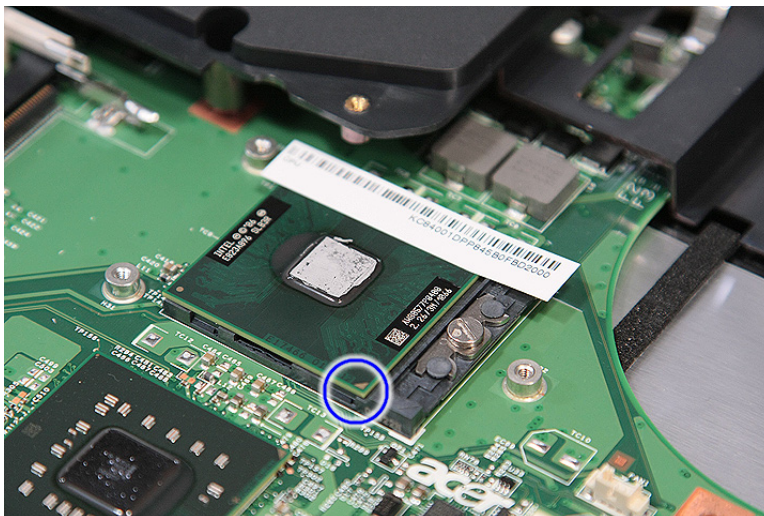
## Removing the Discrete Board Module (For Discrete Models Only)

**NOTE:** Aspire 8730/8730Z Series uses the NVdia board, while Aspire 8530 Series uses the ATI board. The process for removing the board are the same for models with discrete board module.

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the Lower Cover" on page 56.

3. See "Removing the Heatsink Module" on page 78.

4. Remove the two screws (B) securing the discrete board to the system.
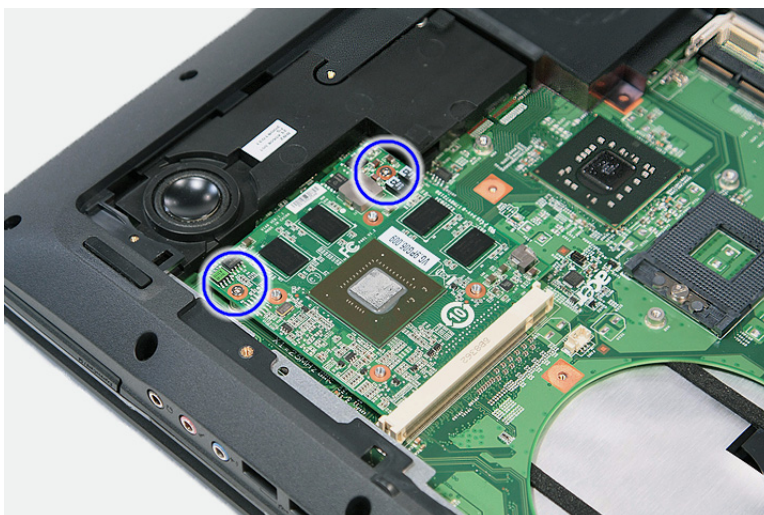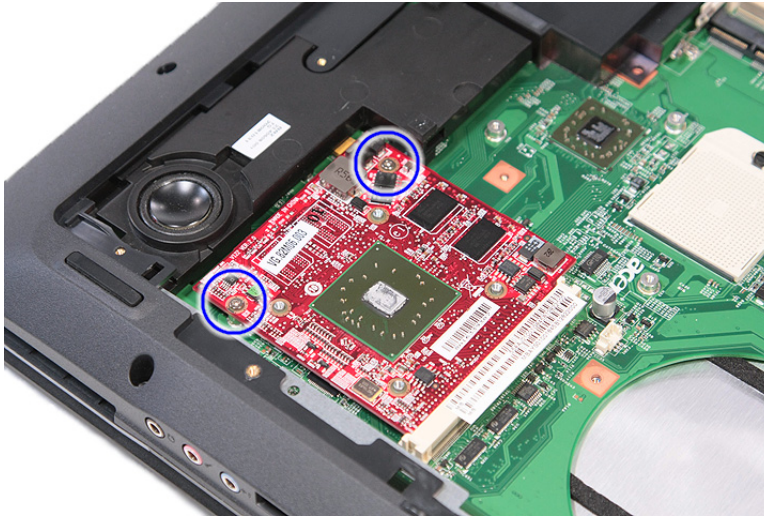
| Step | Size (Quantity) | Color | Torque |
|------|----------------|-------|--------|
| 1~2 | M2 x L4 (2) | Silver | 1.6 kgf-cm |

**5.** Remove the discrete board module from the system.
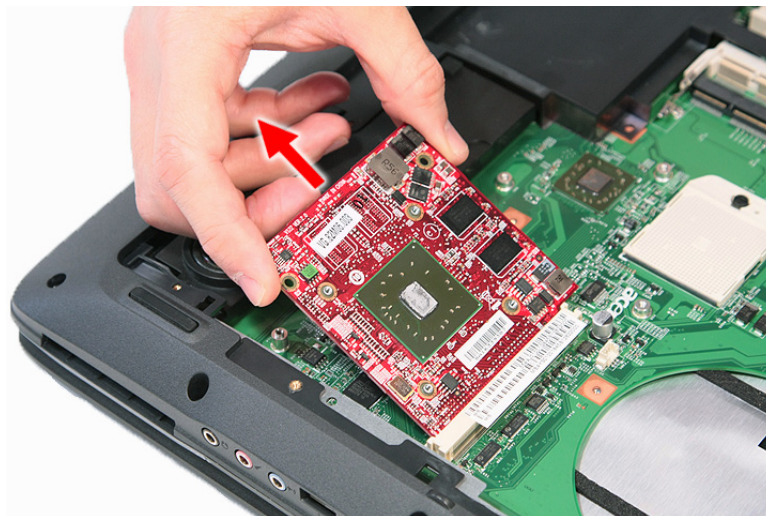
## Removing the LCD Module

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the SD dummy card" on page 55.

3. See "Removing the ExpressCard dummy card" on page 56.

4. See "Removing the Lower Cover" on page 56.

5. See "Removing the TV Tuner Board Modules" on page 58.

6. See "Removing the TV Tuner Board Modules" on page 58.

7. See "Removing the Middle Cover" on page 73.

8. See "Removing the Keyboard" on page 74.

9. Turn over the system and remove the two screws (A) from the bottom of the left and right hinges.
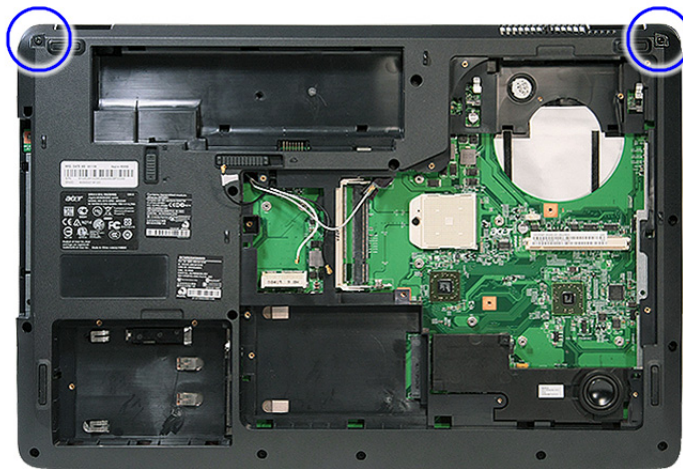


| Step | Size (Quantity) | Color | Torque |
|------|----------------|-------|--------|
| 1~2 | M2.5 x L8 (2) | Black | 3.0 kgf-cm |

**10.** Turn over the system and remove the mylar covering the LCD cable connector.
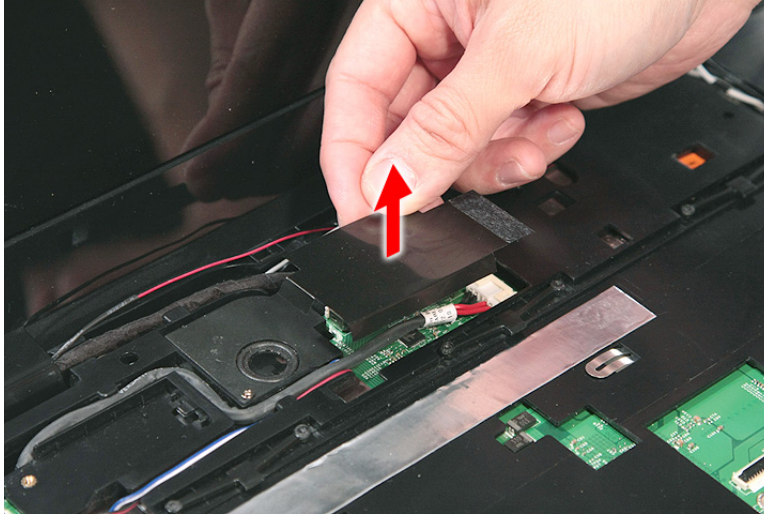


**11.** Disconnect the LCD cable connector from the main board.
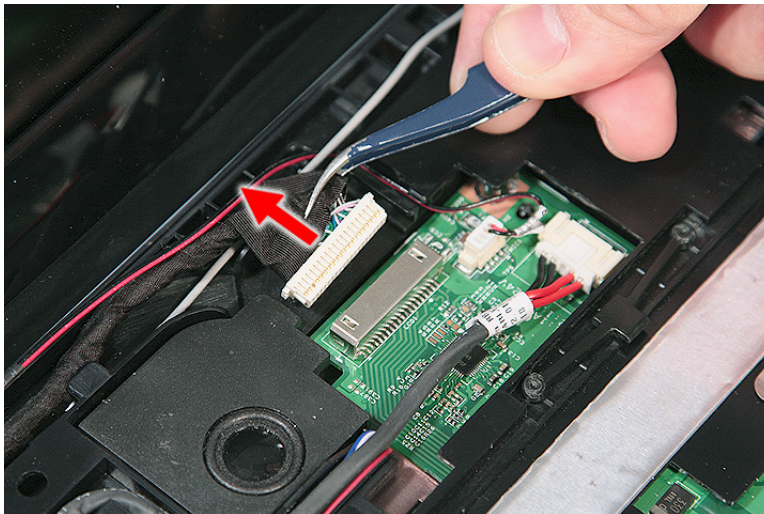
**12.** Carefully pull out the wireless antenna cables from the hole and release the cables from the latches.
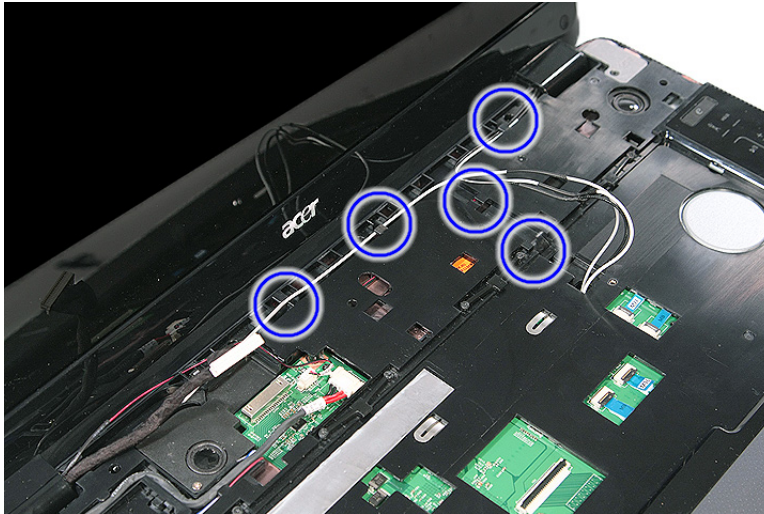




**13.** Disconnect the microphone cable from MIC1 on the system and release it from the latches.
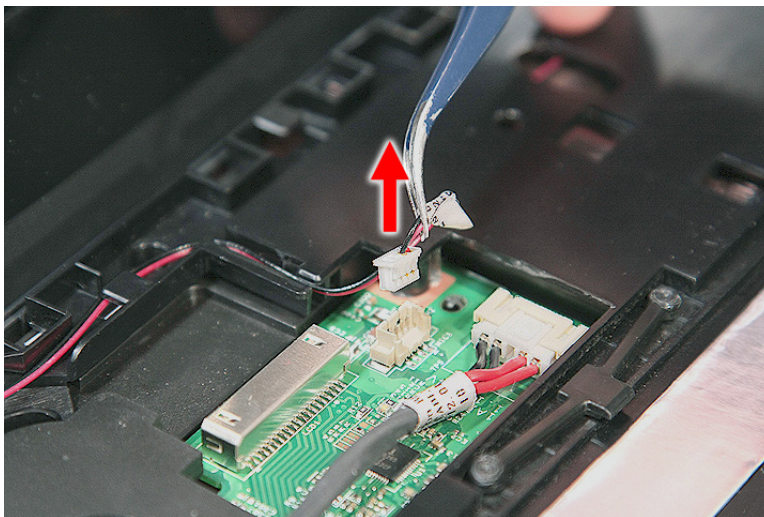
**14.** Remove the two screws (A) from the left and right hinge of the LCD module.
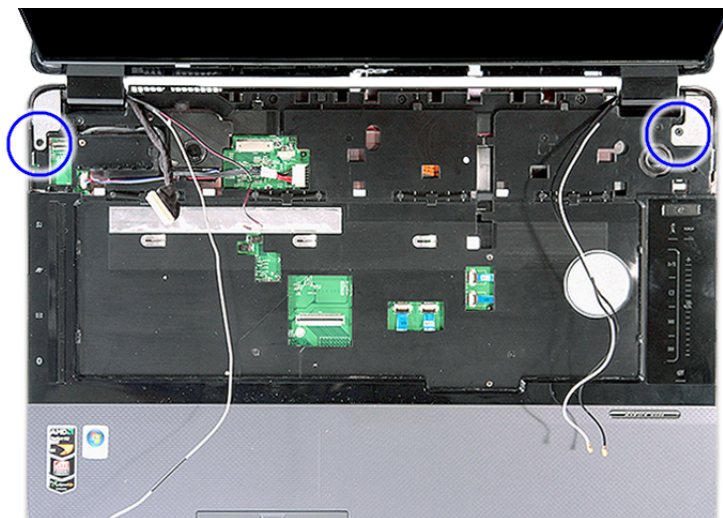


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~2 | M2.5 x L8 (2) | Black | 3.0 kgf-cm |

**15.** Carefully remove the LCD module from the base unit.



**NOTE:** When connecting the cable back to the unit, please note that the cable should be routed well.

## Separating the Upper Case from the Lower Case

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the SD dummy card" on page 55.

**3.** See "Removing the ExpressCard dummy card" on page 56.

**4.** See "Removing the Lower Cover" on page 56.

**5.** See "Removing the DIMM" on page 58.

**6.** See "Removing the TV Tuner Board Modules" on page 58.

**7.** See "Removing the TV Tuner Board Modules" on page 58.

**8.** See "Removing the Hard Disk Drive Module 1" on page 64.

**9.** See "Removing the Hard Disk Drive Module 2" on page 66.

10.  See "Removing the Hard Disk Drive Module 2" on page 66.

11.  See "Removing the Middle Cover" on page 73.

12.  See "Removing the Keyboard" on page 74.

13.  See "Removing the Heatsink Module" on page 78.

14.  See "Removing the CPU" on page 80.

15.  See "Removing the LCD Module" on page 84.

16.  Disconnect the touchpad cable from the TPDA1 connector on the main board.
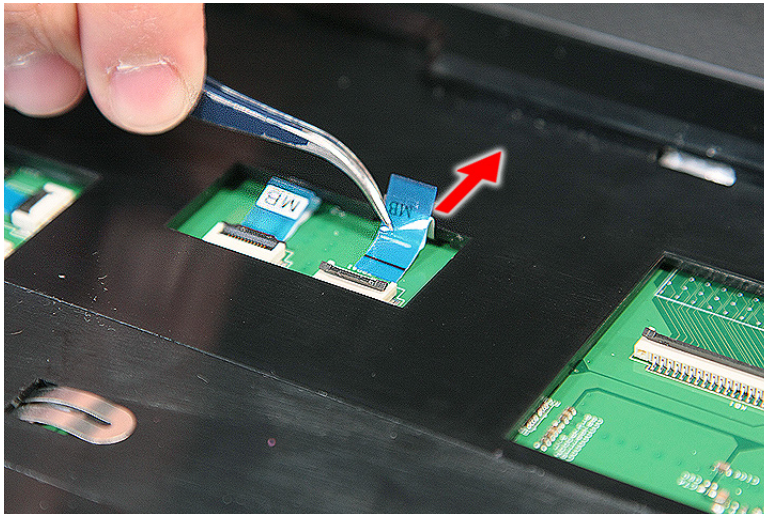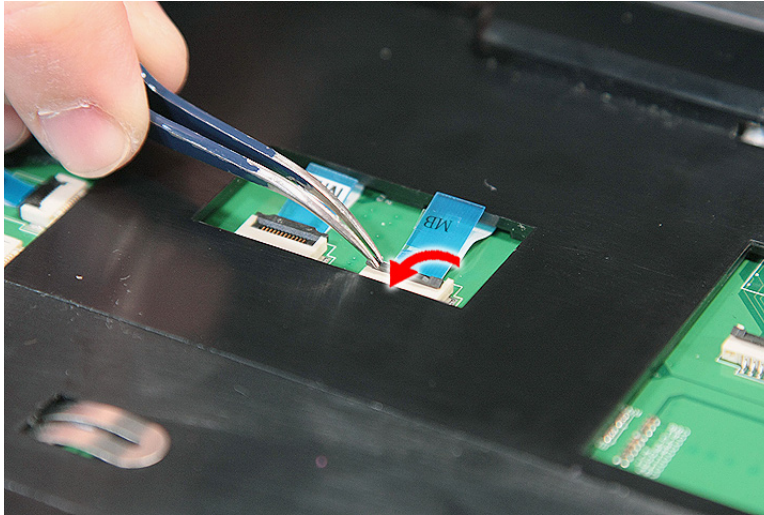
**17.** Disconnect the fingerprint cable from FP2 on the main board.
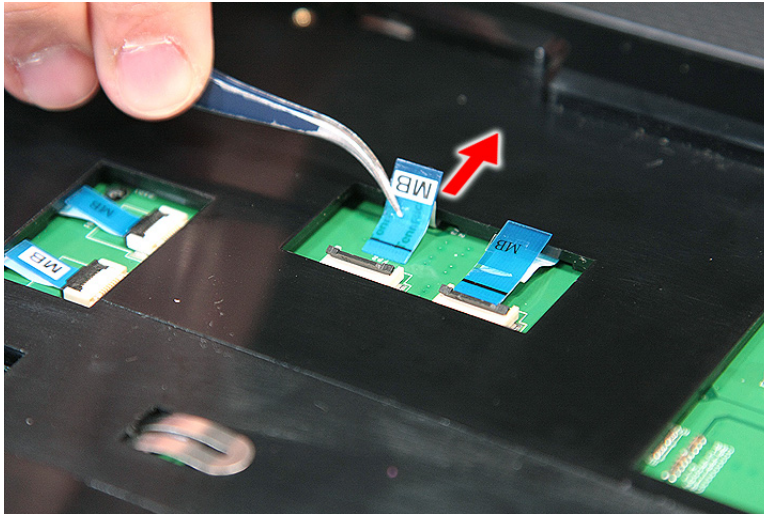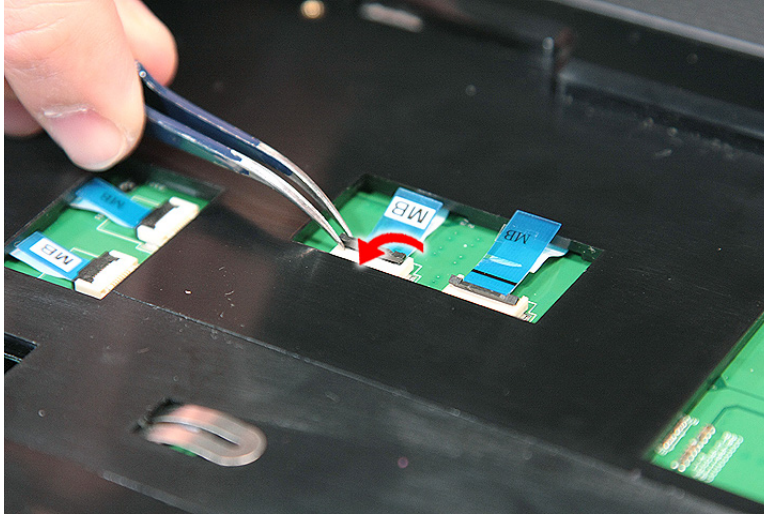




**18.** Disconnect the E-key cable from EKCN1 on the main board.
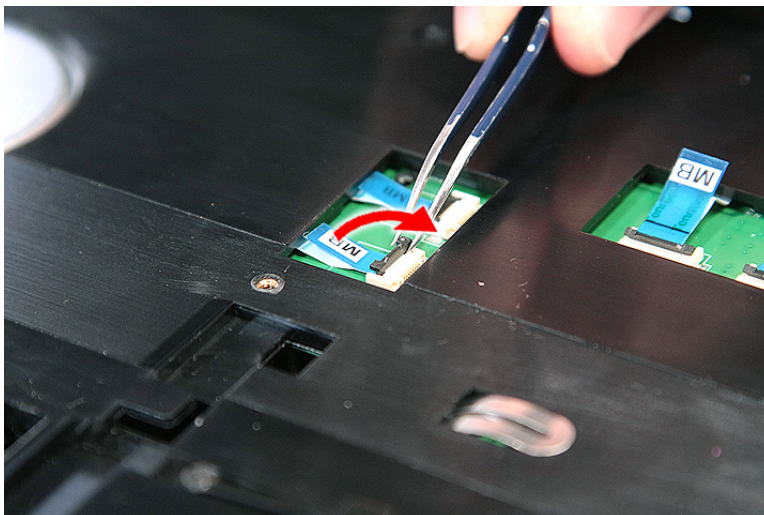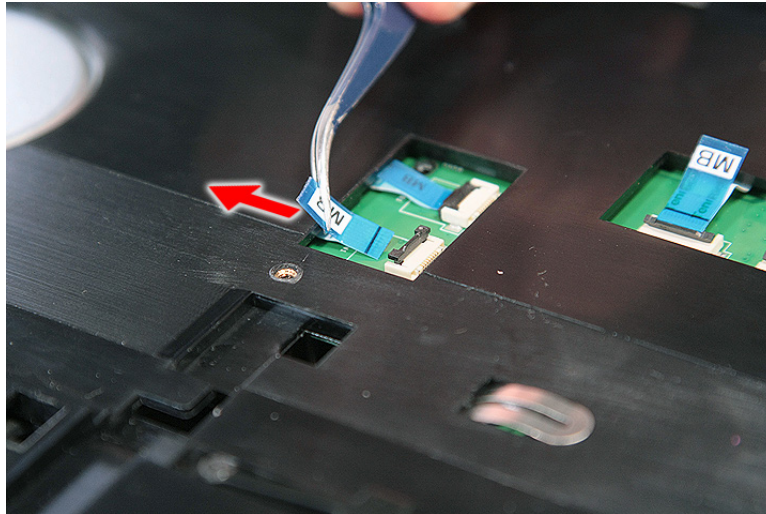
**19.** Disconnect the Media console cable from LEDB1 on the main board.
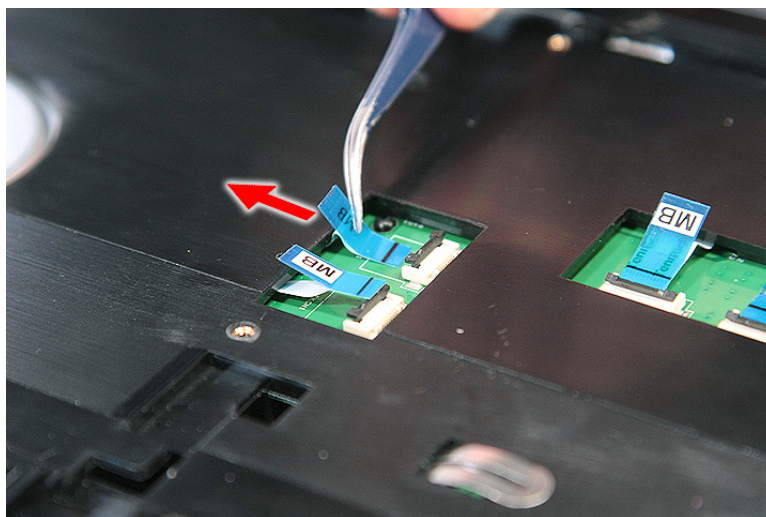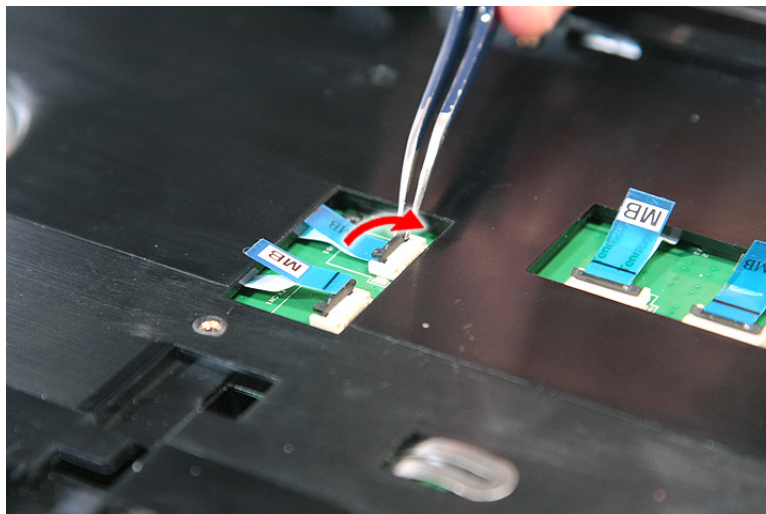
**20.** Disconnect the power cable from DC1 connector on the main board.
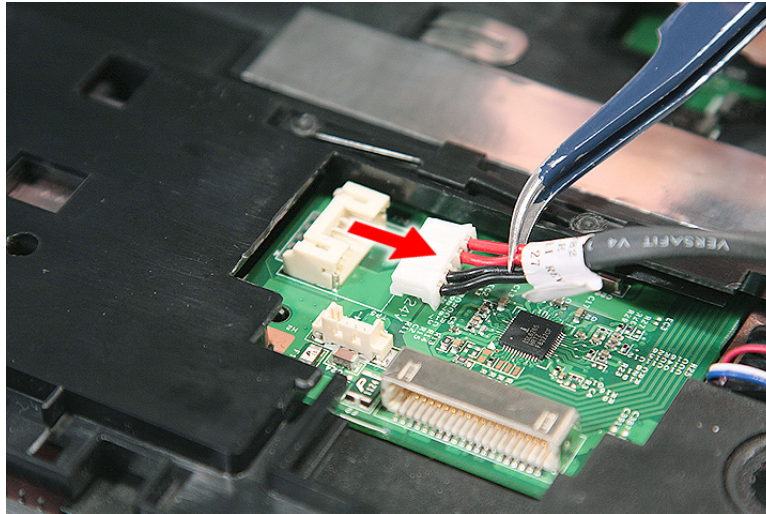


**21.** Disconnect the speaker cable from REAR1 connector on the main board.
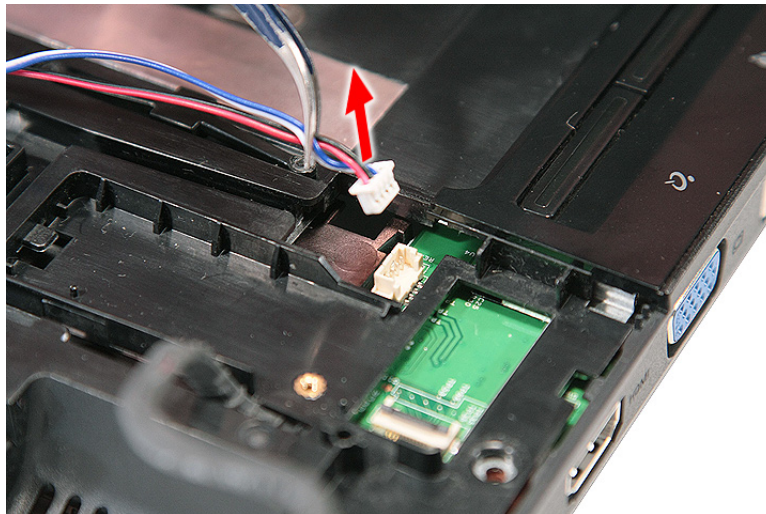
**22.** Remove the thirteen screws (A) from the bottom panel.
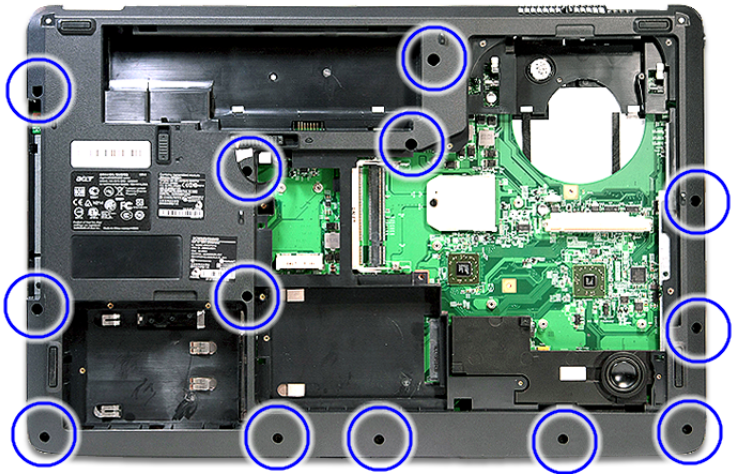


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~13 | M2.5 x L8 (13) | Black | 3.0 kgf-cm |

**23.** Turn the unit over and remove the three screws (A) from the top panel.
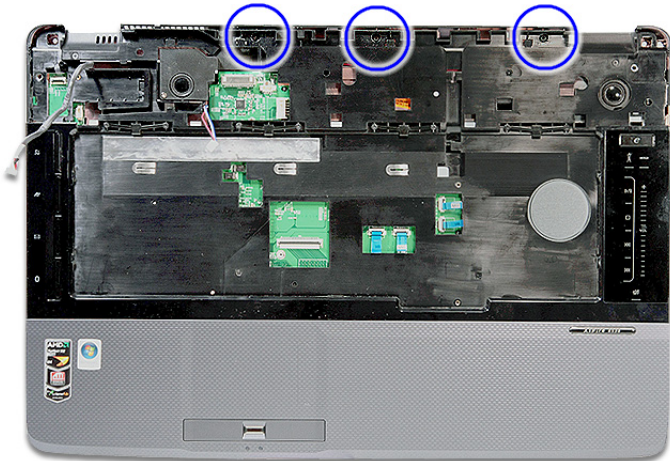


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~3 | M2.5 x L8 (3) | Black | 3.0 kgf-cm |

**24.** Gently remove the upper case from the lower case.
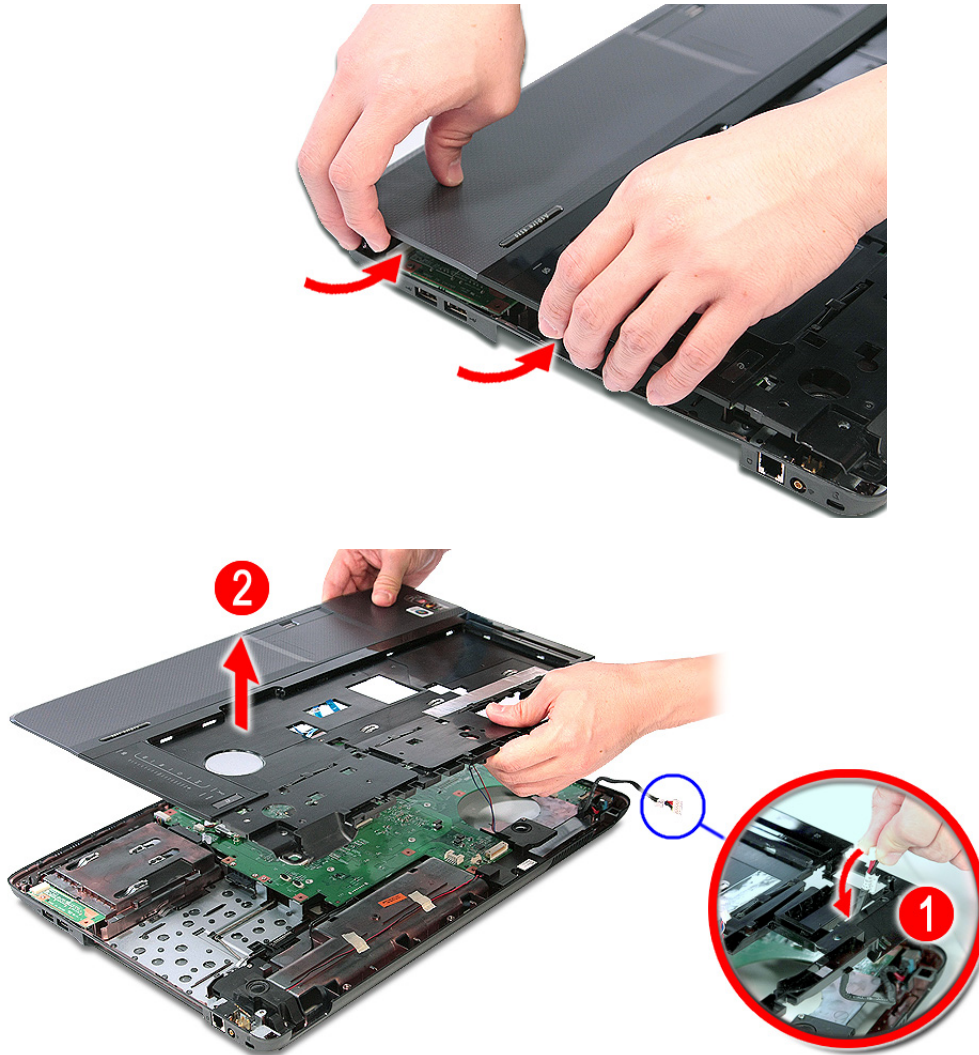




**CAUTION:** Remember to release the power cable from the hole on the upper case before removing the upper case from the system.

# Removing the E-Key Board

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the SD dummy card" on page 55.

**3.** See "Removing the ExpressCard dummy card" on page 56.

**4.** See "Removing the Lower Cover" on page 56.

**5.** See "Removing the DIMM" on page 58.

**6.** See "Removing the TV Tuner Board Modules" on page 58.

**7.** See "Removing the TV Tuner Board Modules" on page 58.

**8.** See "Removing the Hard Disk Drive Module 1" on page 64.

**9.** See "Removing the Hard Disk Drive Module 2" on page 66.

**10.** See "Removing the Hard Disk Drive Module 2" on page 66.

**11.** See "Removing the Middle Cover" on page 73.

**12.** See "Removing the Keyboard" on page 74.

**13.** See "Removing the Heatsink Module" on page 78.

**14.** See "Removing the CPU" on page 80.

**15.** See "Removing the LCD Module" on page 84.

**16.** See "Separating the Upper Case from the Lower Case" on page 87.

**17.** Remove the two screws (B) securing the board.



| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~2 | M2 x L4 (2) | Silver | 1.6 kgf-cm |

**18.** Disconnect the cable from the board and remove the board from the upper case.

# Removing the Fingerprint Board

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the SD dummy card" on page 55.

3. See "Removing the ExpressCard dummy card" on page 56.

4. See "Removing the Lower Cover" on page 56.

5. See "Removing the DIMM" on page 58.

6. See "Removing the TV Tuner Board Modules" on page 58.

7. See "Removing the TV Tuner Board Modules" on page 58.

8. See "Removing the Hard Disk Drive Module 1" on page 64.

9. See "Removing the Hard Disk Drive Module 2" on page 66.

10. See "Removing the Hard Disk Drive Module 2" on page 66.

11. See "Removing the Middle Cover" on page 73.

12. See "Removing the Keyboard" on page 74.

13. See "Removing the Heatsink Module" on page 78.

**14.** See "Removing the CPU" on page 80.

**15.** See "Removing the LCD Module" on page 84.

**16.** See "Separating the Upper Case from the Lower Case" on page 87.

**17.** Remove the two screws (B) securing the board.



| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~2 | M2 x L4 (2) | Silver | 1.6 kgf-cm |

**18.** Disconnect the cable from the board and remove the board from the upper case.

# Removing the Touchpad Board

1.  See "Removing the Battery Pack" on page 54.

2.  See "Removing the SD dummy card" on page 55.

3.  See "Removing the ExpressCard dummy card" on page 56.

4.  See "Removing the Lower Cover" on page 56.

5.  See "Removing the DIMM" on page 58.

6.  See "Removing the TV Tuner Board Modules" on page 58.

7.  See "Removing the TV Tuner Board Modules" on page 58.

8.  See "Removing the Hard Disk Drive Module 1" on page 64.

9.  See "Removing the Hard Disk Drive Module 2" on page 66.

10. See "Removing the Hard Disk Drive Module 2" on page 66.

11. See "Removing the Middle Cover" on page 73.

12. See "Removing the Keyboard" on page 74.

13. See "Removing the Heatsink Module" on page 78.

**14.** See "Removing the CPU" on page 80.

**15.** See "Removing the LCD Module" on page 84.

**16.** See "Separating the Upper Case from the Lower Case" on page 87.

**17.** Disconnect the touchpad cable from the touchpad board.
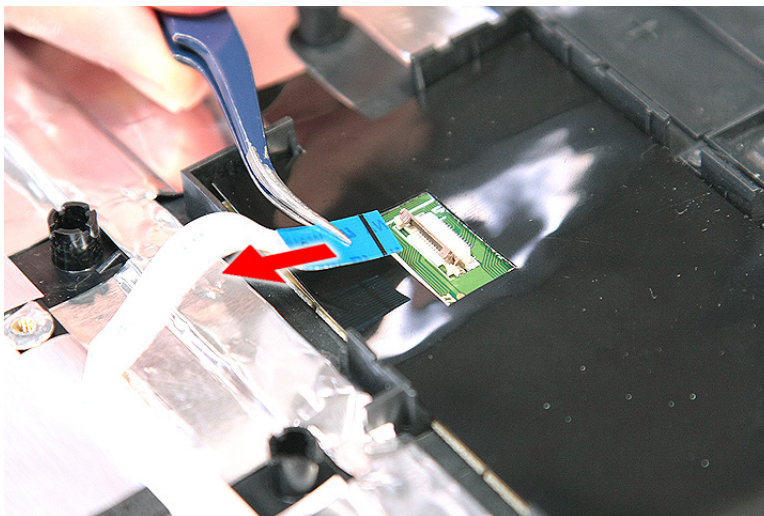
**18.** Remove the mylar tape from the touchpad board.



**19.** Carefully pry loose and remove the touchpad board.
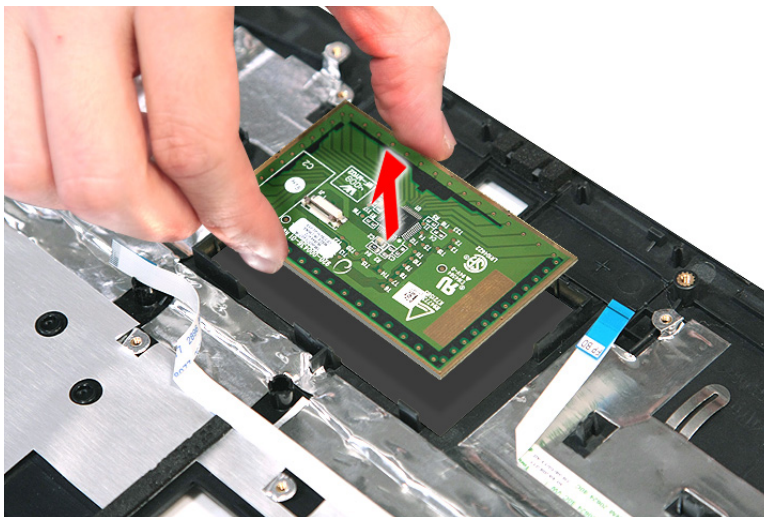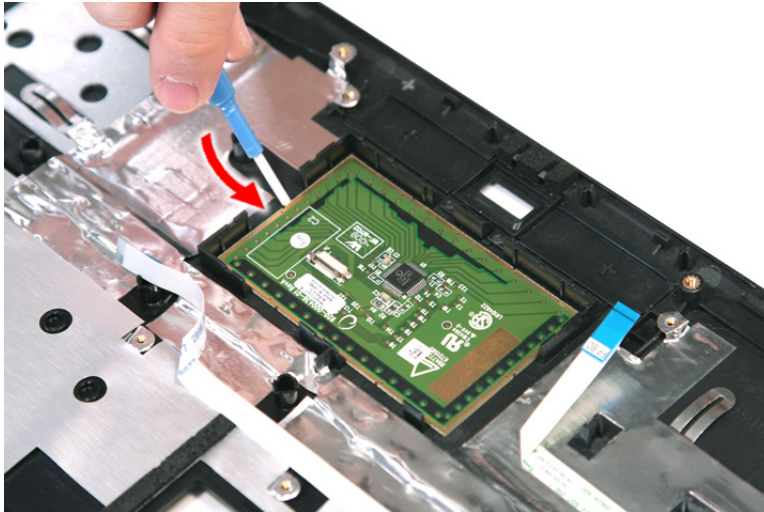




**WARNING:**The touchpad board is glued to the upper case, only remove the touchpad board if it is defective.

# Removing the Modem Board

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the SD dummy card" on page 55.

3. See "Removing the ExpressCard dummy card" on page 56.

4. See "Removing the Lower Cover" on page 56.

5. See "Removing the DIMM" on page 58.

6. See "Removing the TV Tuner Board Modules" on page 58.

7. See "Removing the TV Tuner Board Modules" on page 58.

8. See "Removing the Hard Disk Drive Module 1" on page 64.

9. See "Removing the Hard Disk Drive Module 2" on page 66.

10. See "Removing the Hard Disk Drive Module 2" on page 66.

11. See "Removing the Middle Cover" on page 73.

12. See "Removing the Keyboard" on page 74.

13. See "Removing the Heatsink Module" on page 78.

14. See "Removing the CPU" on page 80.

15. See "Removing the LCD Module" on page 84.

16. See "Separating the Upper Case from the Lower Case" on page 87.

17. Disconnect the cable from the modem card.
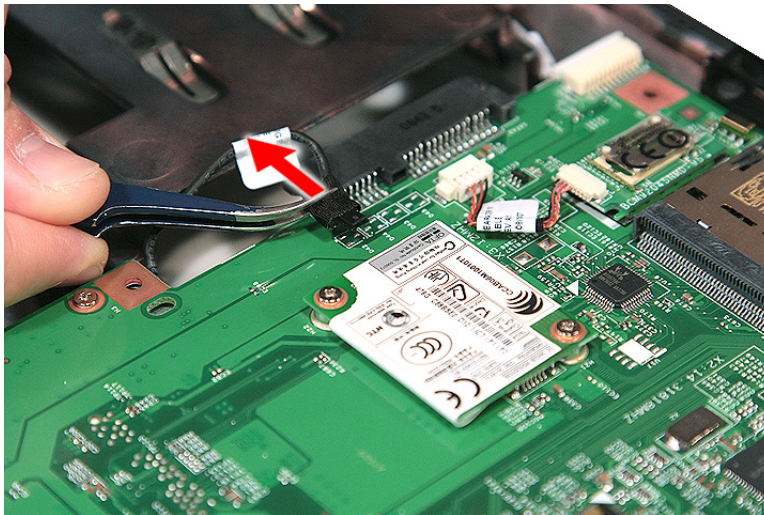
**18.** Remove the two screw (B) securing the modem card.
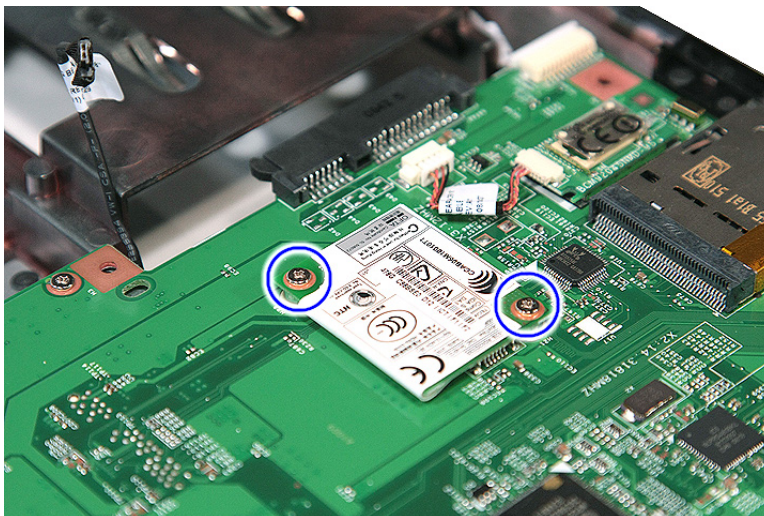


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~2 | M2 x L4 (2) | Silver | 1.6 kgf-cm |

**19.** Lift the modem board to remove it from the main board.
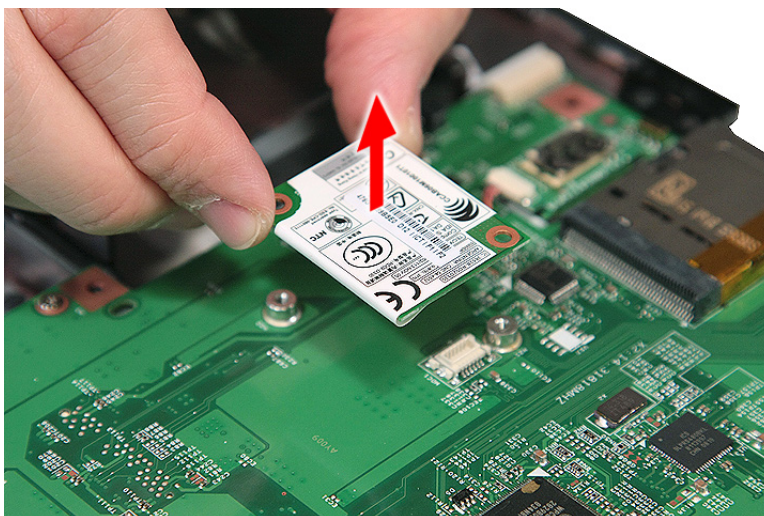


# Removing the Main Board

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the SD dummy card" on page 55.

**3.** See "Removing the ExpressCard dummy card" on page 56.

**4.** See "Removing the Lower Cover" on page 56.

**5.** See "Removing the DIMM" on page 58.

**6.** See "Removing the TV Tuner Board Modules" on page 58.

**7.** See "Removing the TV Tuner Board Modules" on page 58.

**8.** See "Removing the Hard Disk Drive Module 1" on page 64.

**9.** See "Removing the Hard Disk Drive Module 2" on page 66.

**10.** See "Removing the Hard Disk Drive Module 2" on page 66.

**11.** See "Removing the Middle Cover" on page 73.

**12.** See "Removing the Keyboard" on page 74.

**13.** See "Removing the Heatsink Module" on page 78.

**14.** See "Removing the CPU" on page 80.

**15.** See "Removing the LCD Module" on page 84.

**16.** See "Separating the Upper Case from the Lower Case" on page 87.

**17.** See "Removing the Modem Board" on page 100.

**18.** Disconnect the USB cable from the USBCN1 connector on the main board.



**19.** Disconnect the subwoofer cable from FRONT1 connector on the main board.

**20.** Remove the one screw (B) securing the main board in place.
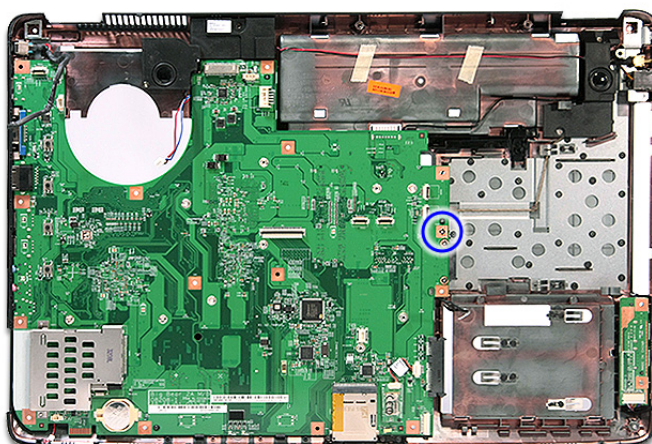


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**21.** Carefully remove the main board.
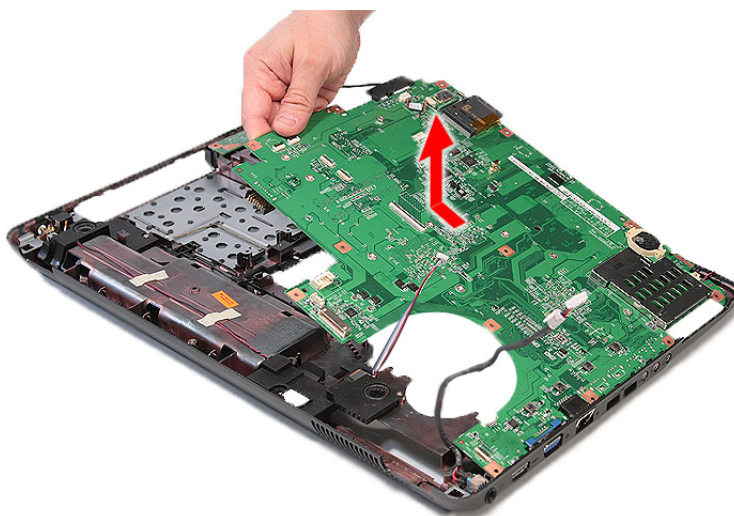


# Removing the Speaker Module

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the SD dummy card" on page 55.

**3.** See "Removing the ExpressCard dummy card" on page 56.

**4.** See "Removing the Lower Cover" on page 56.

**5.** See "Removing the DIMM" on page 58.

**6.** See "Removing the TV Tuner Board Modules" on page 58.

**7.** See "Removing the TV Tuner Board Modules" on page 58.

**8.** See "Removing the Hard Disk Drive Module 1" on page 64.

**9.** See "Removing the Hard Disk Drive Module 2" on page 66.

**10.** See "Removing the Hard Disk Drive Module 2" on page 66.

**11.** See "Removing the Middle Cover" on page 73.

**12.** See "Removing the Keyboard" on page 74.

**13.** See "Removing the Heatsink Module" on page 78.

**14.** See "Removing the CPU" on page 80.

**15.** See "Removing the LCD Module" on page 84.

**16.** See "Separating the Upper Case from the Lower Case" on page 87.

**17.** See "Removing the Modem Board" on page 100.

**18.** See "Removing the Main Board" on page 101.

**19.** Remove the tape securing speaker cable.
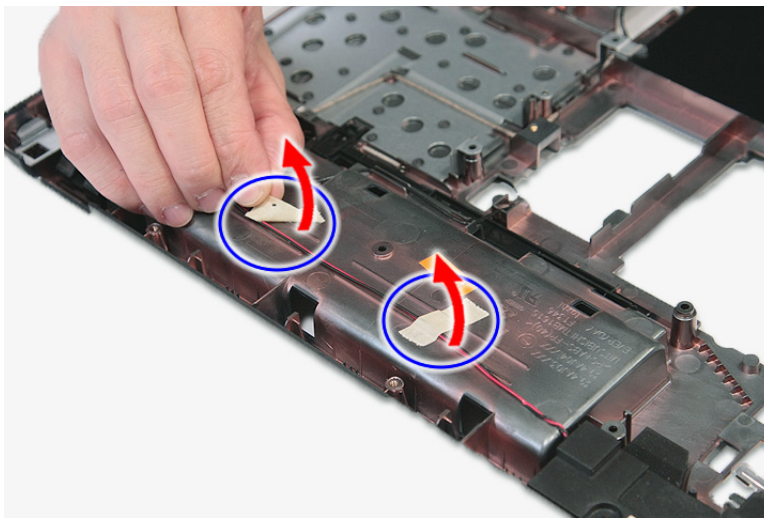


**20.** Remove the three screws (B) securing the speaker module.
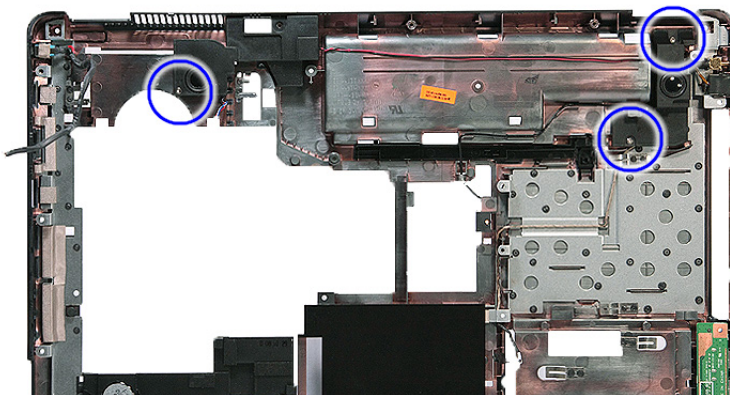


| Step | Size (Quantity) | Color | Torque |
|------|------|------|------|
| 1~3 | M2 x L4 (3) | Silver | 1.6 kgf-cm |

**21.** Remove the speaker module from the upper case.
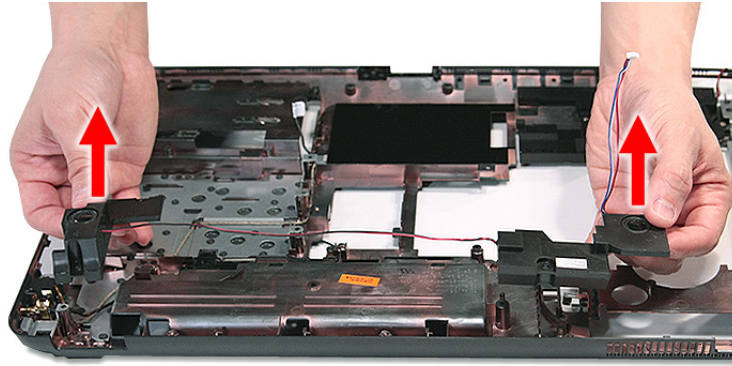


# Removing the Subwoofer

    **1.** See "Removing the Battery Pack" on page 54.

    **2.** See "Removing the SD dummy card" on page 55.

    **3.** See "Removing the ExpressCard dummy card" on page 56.

    **4.** See "Removing the Lower Cover" on page 56.

    **5.** See "Removing the DIMM" on page 58.

    **6.** See "Removing the TV Tuner Board Modules" on page 58.

    **7.** See "Removing the TV Tuner Board Modules" on page 58.

    **8.** See "Removing the Hard Disk Drive Module 1" on page 64.

    **9.** See "Removing the Hard Disk Drive Module 2" on page 66.

    **10.** See "Removing the Hard Disk Drive Module 2" on page 66.

    **11.** See "Removing the Middle Cover" on page 73.

    **12.** See "Removing the Keyboard" on page 74.

    **13.** See "Removing the Heatsink Module" on page 78.

    **14.** See "Removing the CPU" on page 80.

    **15.** See "Removing the LCD Module" on page 84.

    **16.** See "Separating the Upper Case from the Lower Case" on page 87.

    **17.** See "Removing the Modem Board" on page 100.

    **18.** See "Removing the Main Board" on page 101.

**19.** Remove the two screws (B) securing the subwoofer to the lower case.
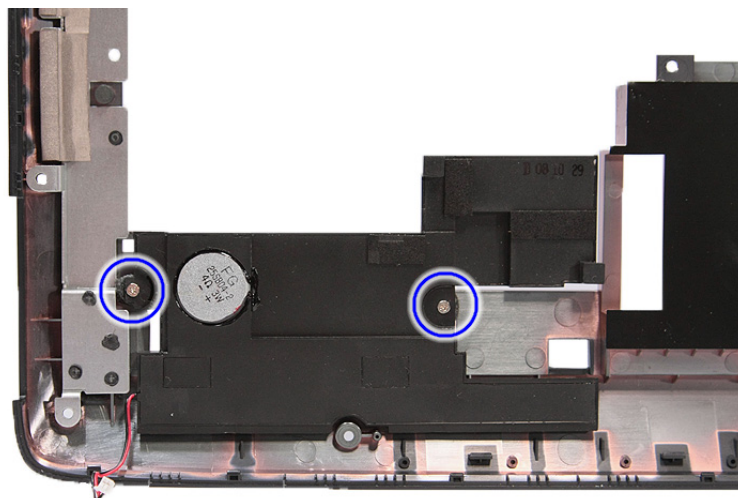


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~2 | M2 x L4 (2) | Silver | 1.6 kgf-cm |

**20.** Remove the subwoofer from the lower case.
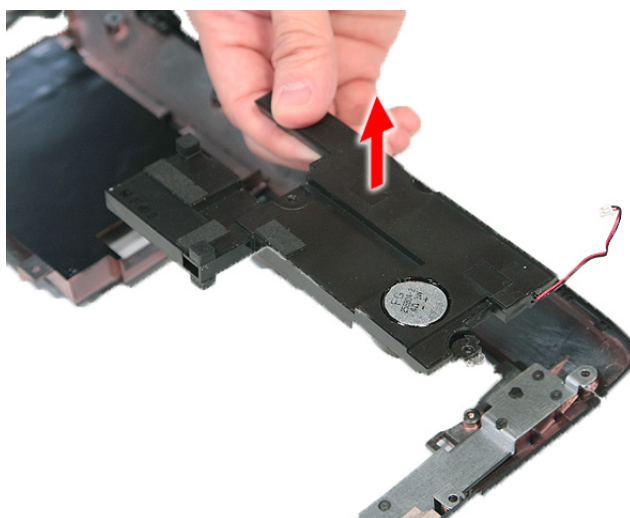


# Removing the USB Board Module

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the SD dummy card" on page 55.

3. See "Removing the ExpressCard dummy card" on page 56.

4. See "Removing the Lower Cover" on page 56.

5. See "Removing the DIMM" on page 58.

6. See "Removing the TV Tuner Board Modules" on page 58.

7. See "Removing the TV Tuner Board Modules" on page 58.

8. See "Removing the Hard Disk Drive Module 1" on page 64.

9. See "Removing the Hard Disk Drive Module 2" on page 66.

10. See "Removing the Hard Disk Drive Module 2" on page 66.

**11.** See "Removing the Middle Cover" on page 73.

**12.** See "Removing the Keyboard" on page 74.

**13.** See "Removing the Heatsink Module" on page 78.

**14.** See "Removing the CPU" on page 80.

**15.** See "Removing the LCD Module" on page 84.

**16.** See "Separating the Upper Case from the Lower Case" on page 87.

**17.** See "Removing the Modem Board" on page 100.

**18.** See "Removing the Main Board" on page 101.

**19.** Disconnect the cable from the USB board module.
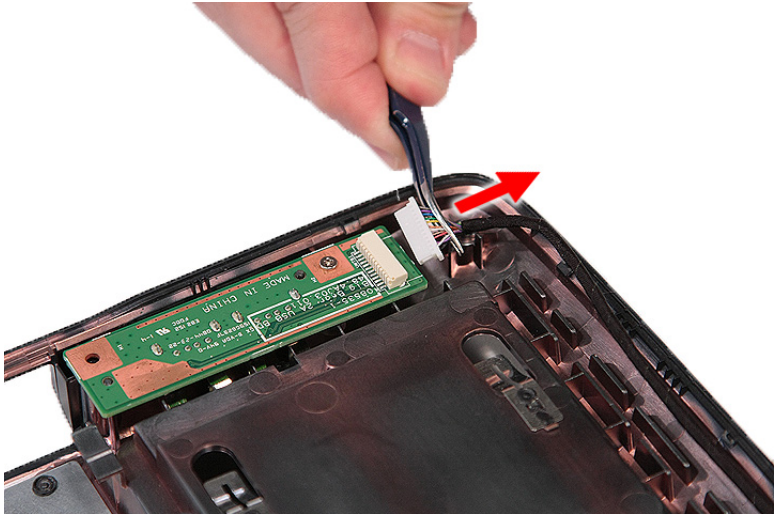


**20.** Remove the one screw (B) securing the USB board module to the lower case.
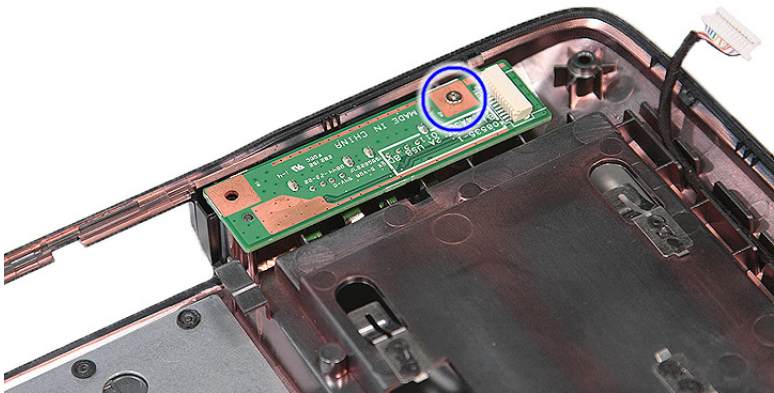


| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1 | M2 x L4 (1) | Silver | 1.6 kgf-cm |

**21.** Remove the USB board module from the lower case.
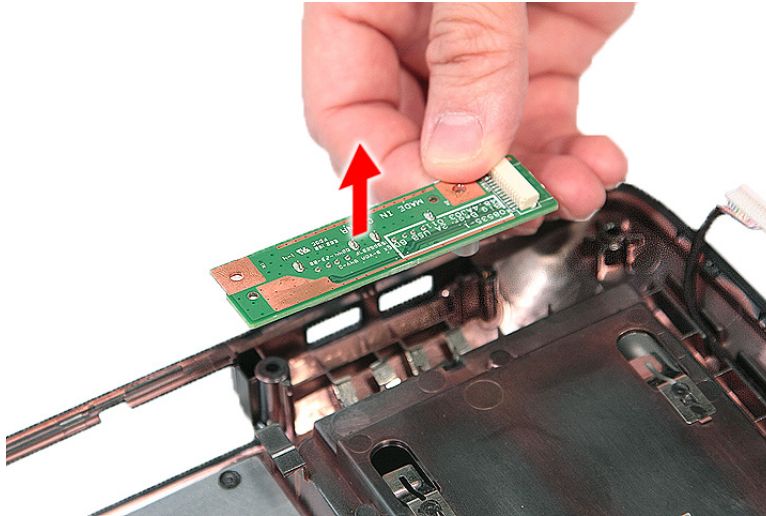
## LCD Module Disassembly Process

### LCD Module Disassembly Flowchart

**LCD MODULE DISASSEMBLY**

```
        ┌─────────────────┐
        │   LCD MODULE    │
        └─────────────────┘
                 │  Cx6
        ┌─────────────────┐
        │   LCD BEZEL     │
        └─────────────────┘
                 │
    Cx5 ┌────────┴───────────────────────┐
┌─────────────────┐            ┌─────────────────┐
│  LCD ASSEMBLY   │            │ LCD BACK PANEL  │
└─────────────────┘            └─────────────────┘
    │     │      │                  │
    │  Ex3│   Ex3│          ┌───────┴────────┐
┌────────┐┌────────┐┌────────┐┌──────────┐┌──────────┐
│LCD FPC ││LEFT LCD││RIGHT LCD││ ANTENNAS ││  VGA     │
│ CABLE  ││BRACKET ││ BRACKET ││          ││ CAMERA   │
└────────┘└────────┘└────────┘└──────────┘└──────────┘
```
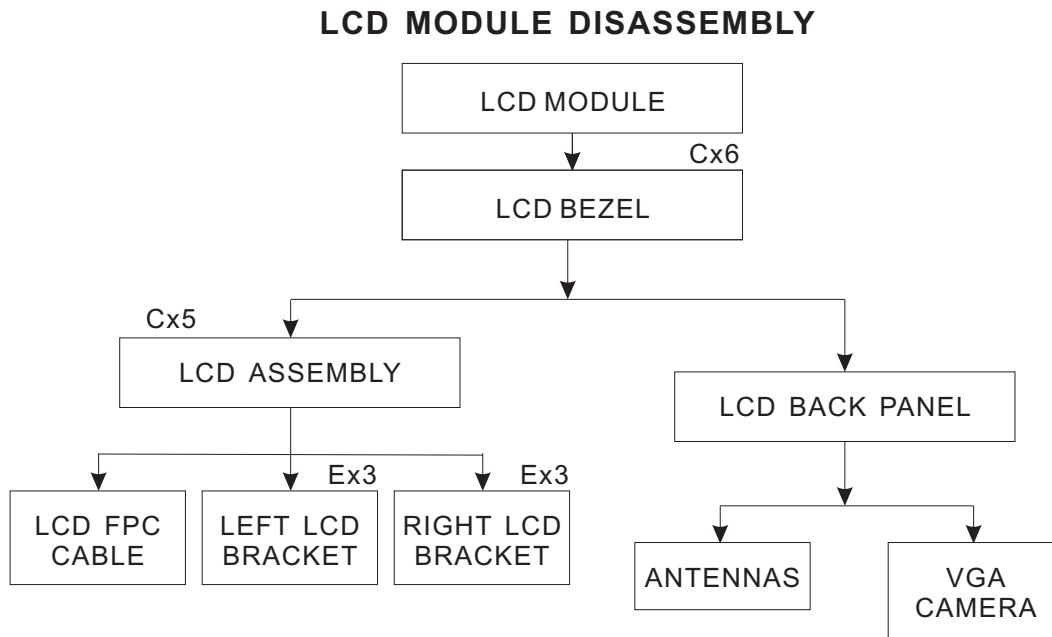
**Screw List**

| Item | Screw | Color | Part No. |
|------|-------|-------|----------|
| C | M2.5 x L6 | Black | 86.00E33.736 |
| E | M2 x L3 | Silver | 86.9A522.3R0 |

# Removing the LCD Bezel

1. See "Removing the Battery Pack" on page 54.

2. See "Removing the SD dummy card" on page 55.

3. See "Removing the ExpressCard dummy card" on page 56.

4. See "Removing the Lower Cover" on page 56.

5. See "Removing the TV Tuner Board Modules" on page 58.

6. See "Removing the TV Tuner Board Modules" on page 58.
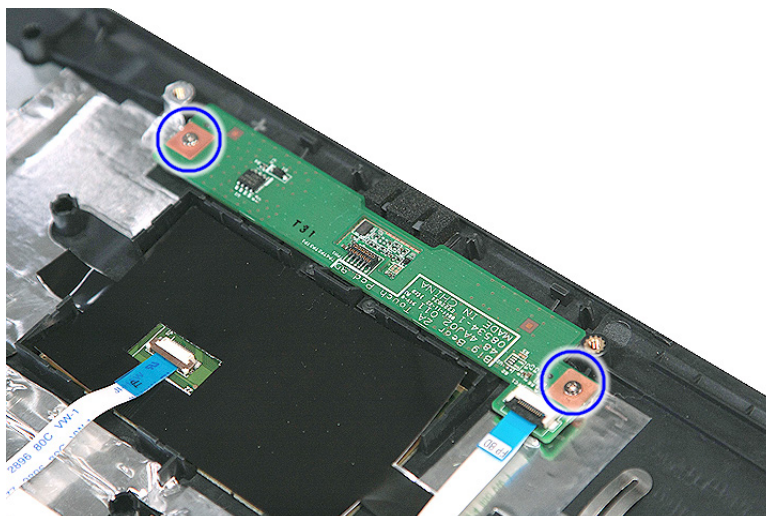
7. See "Removing the Middle Cover" on page 73.

8. See "Removing the Keyboard" on page 74.
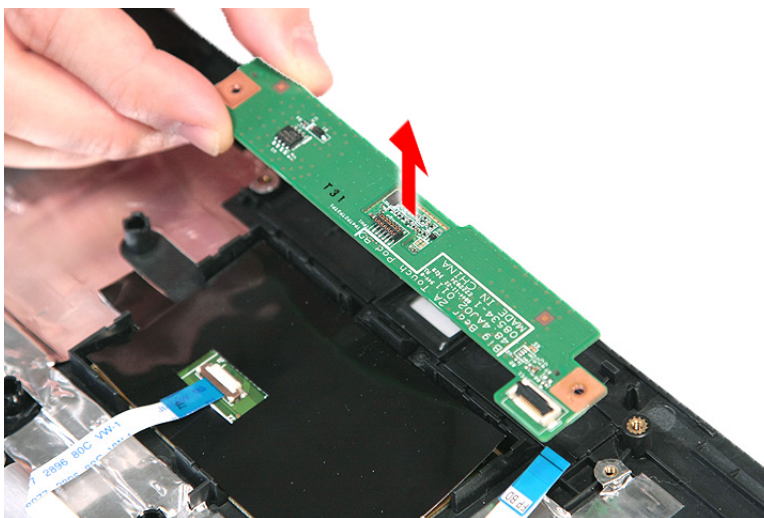
9. See "Removing the LCD Module" on page 84.

10. Remove the four screw covers from the top and two flat screw covers from the bottom of the LCD bezel.



11. Remove the six screws (C) on the LCD module as shown.



| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~6 | M2.5 x L6 (6) | Black | 3.0 kgf-cm |

**12.** Carefully pry open the LCD bezel and place the bezel on top of the LCD panel.





# Removing the LCD panel with the Brackets

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the SD dummy card" on page 55.

**3.** See "Removing the ExpressCard dummy card" on page 56.

**4.** See "Removing the Lower Cover" on page 56.

**5.** See "Removing the TV Tuner Board Modules" on page 58.

**6.** See "Removing the TV Tuner Board Modules" on page 58.

**7.** See "Removing the Middle Cover" on page 73.

**8.** See "Removing the Keyboard" on page 74.

**9.** See "Removing the LCD Module" on page 84.

**10.** See "Removing the LCD Bezel" on page 110.

**11.** Disconnect the cable from the web camera.
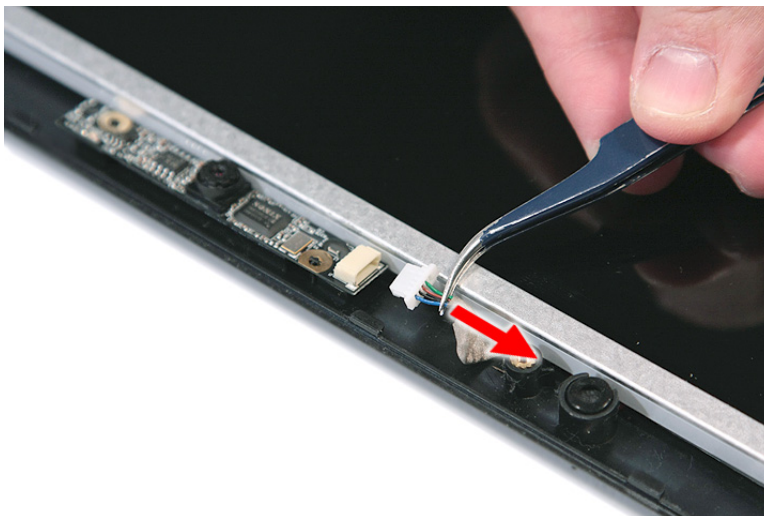


**12.** Remove the five screws (C) securing the LCD module.



| Step | Size (Quantity) | Color | Torque |
|------|-----------------|-------|--------|
| 1~5 | M2.5 x L6 (5) | Black | 3.0 kgf-cm |

**13.** Remove the LCD with the brackets from the back cover.
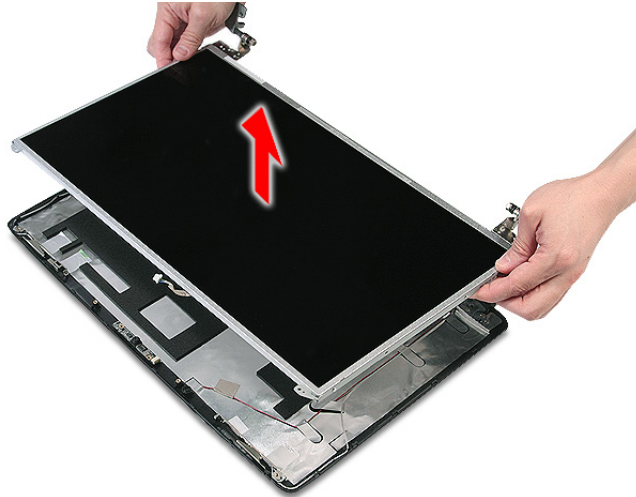


# Removing the Inverter Board and FPC Cable
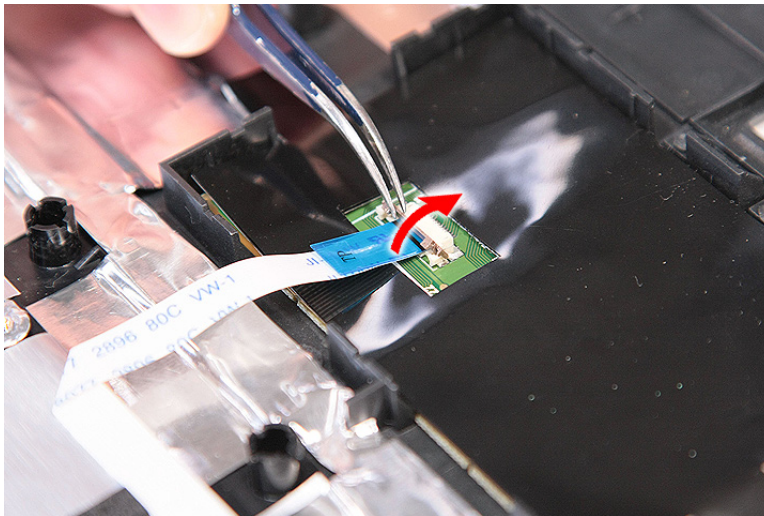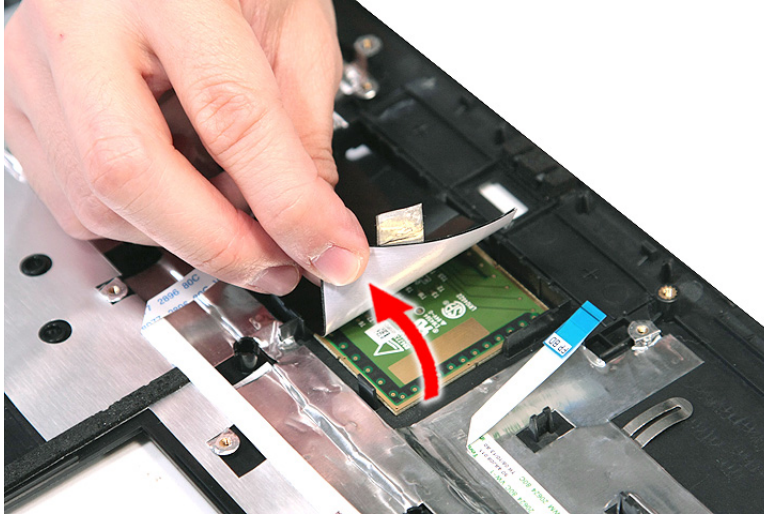
1. See "Removing the Battery Pack" on page 54.
2. See "Removing the SD dummy card" on page 55.
3. See "Removing the ExpressCard dummy card" on page 56.
4. See "Removing the Lower Cover" on page 56.
5. See "Removing the TV Tuner Board Modules" on page 58.
6. See "Removing the TV Tuner Board Modules" on page 58.
7. See "Removing the Middle Cover" on page 73.
8. See "Removing the Keyboard" on page 74.
9. See "Removing the LCD Module" on page 84.
10. See "Removing the LCD Bezel" on page 110.
11. See "Removing the LCD panel with the Brackets" on page 111.
12. Disconnect the cables from the inverter board.
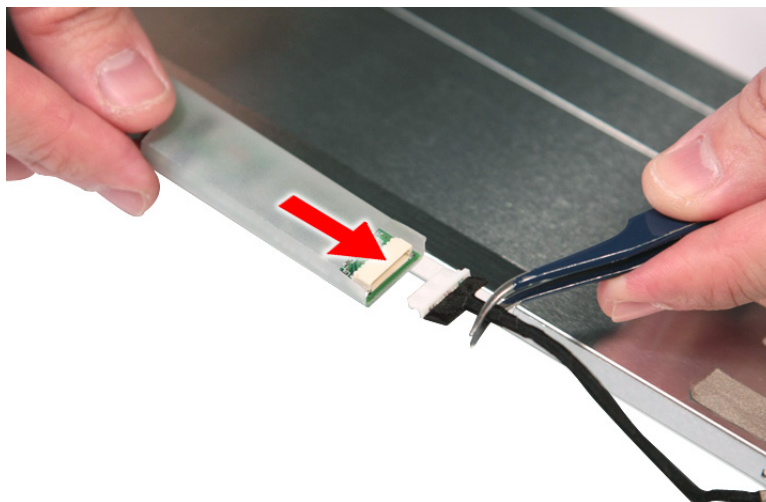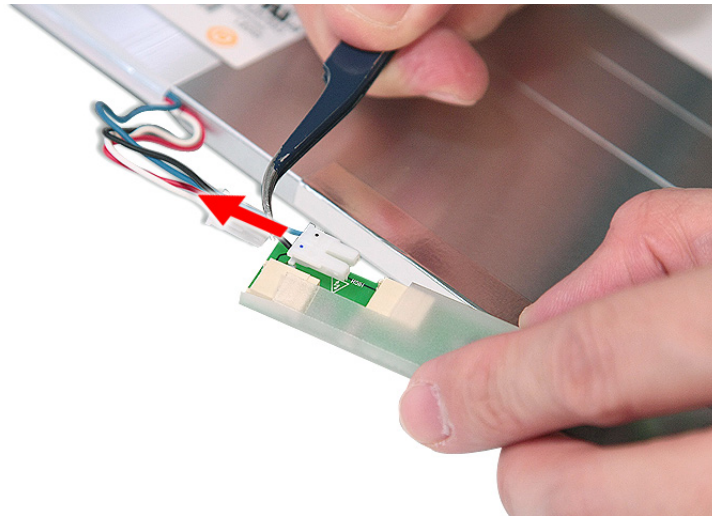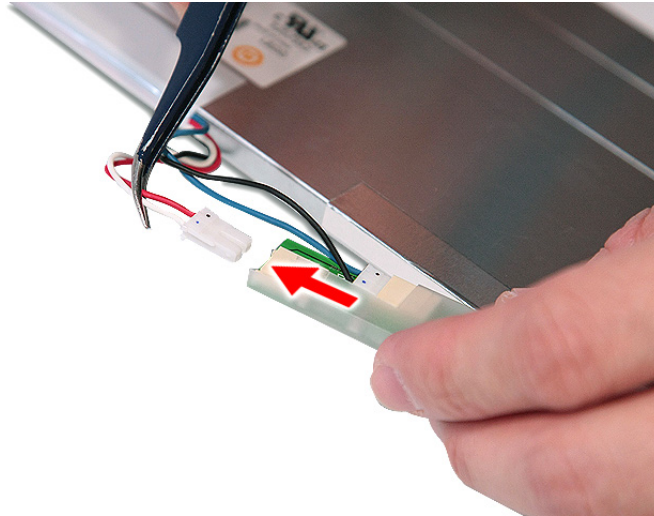
**13.** Detach any adhesive tapes and any cable that is glued to the LCD panel.
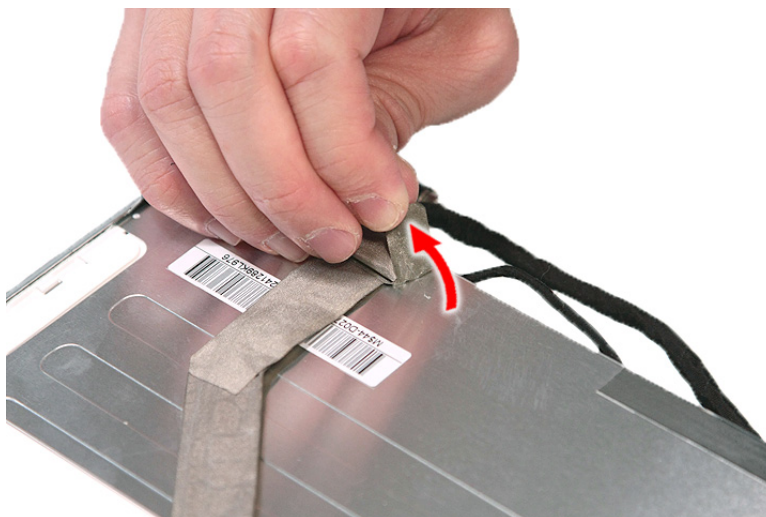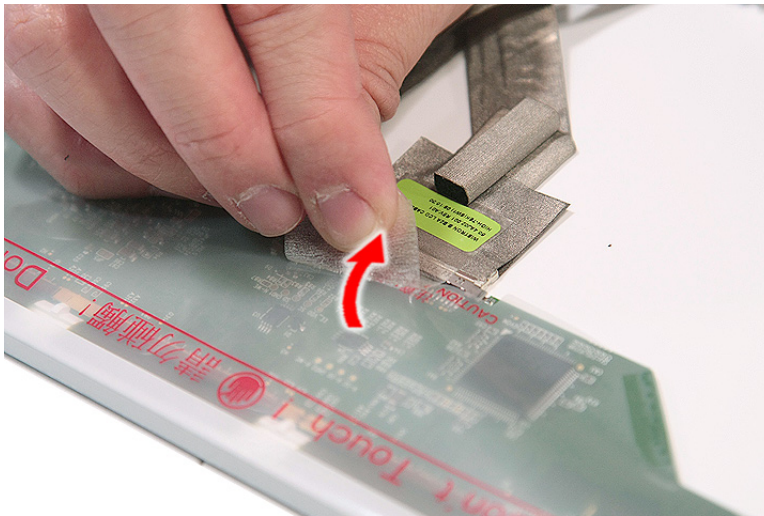
**14.** Disconnect the FPC cable from the LCD panel.
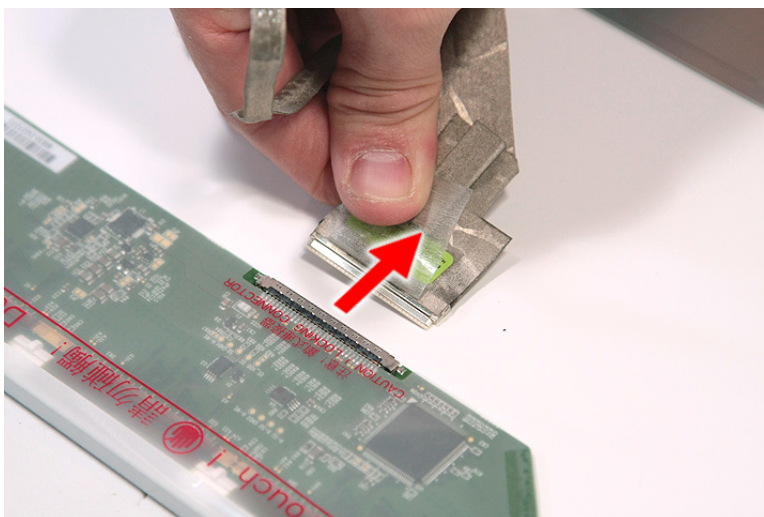
# Removing the LCD Brackets

1.  See "Removing the Battery Pack" on page 54.
2.  See "Removing the SD dummy card" on page 55.
3.  See "Removing the ExpressCard dummy card" on page 56.
4.  See "Removing the Lower Cover" on page 56.
5.  See "Removing the TV Tuner Board Modules" on page 58.
6.  See "Removing the TV Tuner Board Modules" on page 58.
7.  See "Removing the Middle Cover" on page 73.
8.  See "Removing the Keyboard" on page 74.
9.  See "Removing the LCD Module" on page 84.
10. See "Removing the LCD Bezel" on page 110.
11. See "Removing the Inverter Board and FPC Cable" on page 113.
12. Remove the six screws (6 x E) securing the left and right LCD brackets to remove the brackets.
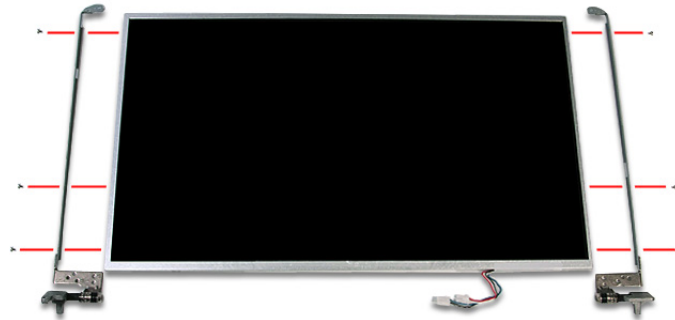


| Step | Size (Quantity) | Color | Torque |
|---|---|---|---|
| 1~6 | M2 x L3 (6) | Silver | 1.6 kgf-cm |

# Removing the Antennas

1.  See "Removing the Battery Pack" on page 54.
2.  See "Removing the SD dummy card" on page 55.
3.  See "Removing the ExpressCard dummy card" on page 56.
4.  See "Removing the Lower Cover" on page 56.
5.  See "Removing the TV Tuner Board Modules" on page 58.
6.  See "Removing the TV Tuner Board Modules" on page 58.
7.  See "Removing the Middle Cover" on page 73.
8.  See "Removing the Keyboard" on page 74.
9.  See "Removing the LCD Module" on page 84.
10. See "Removing the LCD Bezel" on page 110.

**11.** See "Removing the Inverter Board and FPC Cable" on page 113.

**12.** See "Removing the LCD panel with the Brackets" on page 111.

**13.** Release the antenna cables from the aluminium tapes.
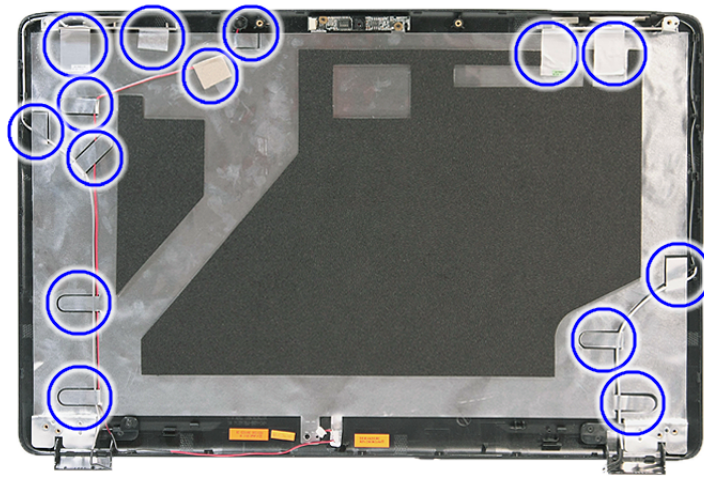


**14.** Remove the left and right antenna cables together with the tapes holding them in place.
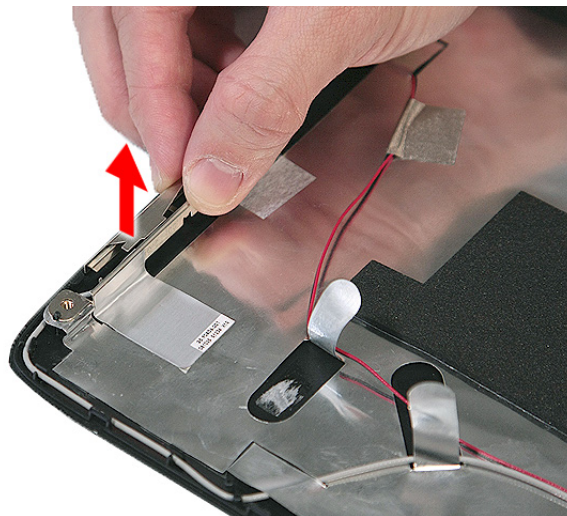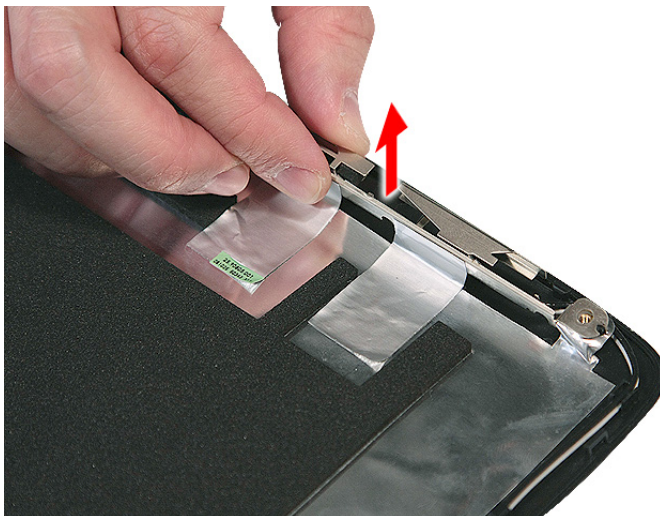
**NOTE:** There is no need to remove the antenna unless you really need to replace it.

## Removing the Web Camera

**1.** See "Removing the Battery Pack" on page 54.

**2.** See "Removing the SD dummy card" on page 55.

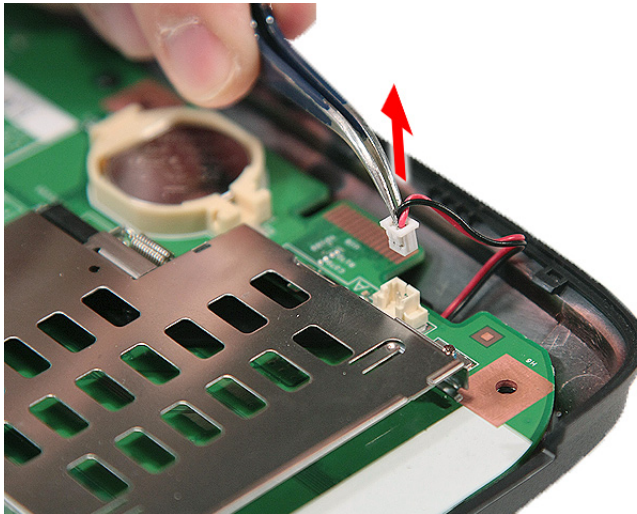**3.** See "Removing the ExpressCard dummy card" on page 56.

**4.** See "Removing the Lower Cover" on page 56.

**5.** See "Removing the TV Tuner Board Modules" on page 58.

**6.** See "Removing the TV Tuner Board Modules" on page 58.

**7.** See "Removing the Middle Cover" on page 73.

**8.** See "Removing the Keyboard" on page 74.

**9.** See "Removing the LCD Module" on page 84.

**10.** See "Removing the LCD Bezel" on page 110.

**11.** See "Removing the LCD panel with the Brackets" on page 111.

**12.** Remove the Web camera from the back cover.
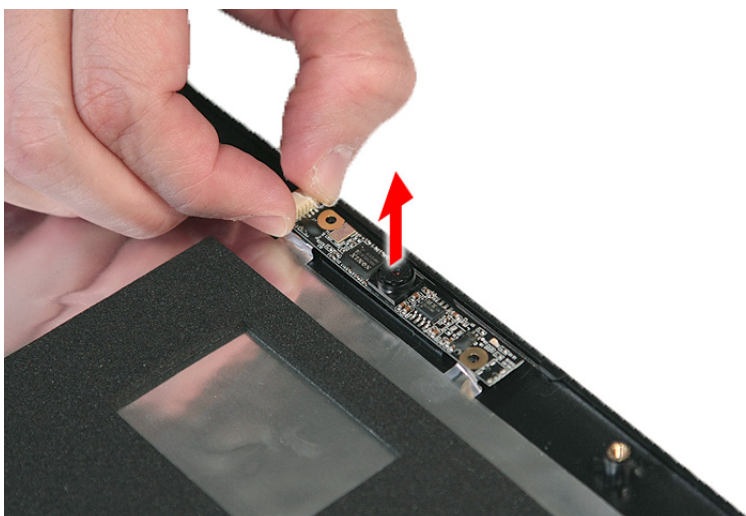
# Troubleshooting

Use the following procedure as a guide for computer problems.

**NOTE:** The diagnostic tests are intended to test only Acer products. Non-Acer products, prototype cards, or modified options can give false errors and invalid system responses.

1.  Obtain the failing symptoms in as much detail as possible.

2.  Verify the symptoms by attempting to re-create the failure by running the diagnostic test or by repeating the same operation.

3.  Use the following table with the verified symptom to determine which page to go to.

| Symptoms (Verified) | Go To |
|---|---|
| Power failure. (The power indicator does not go on or stay on.) | "Power System Check" on page 121. |
| POST does not complete. No beep or error codes are indicated. | "Power-On Self-Test (POST) Error Message" on page 124<br>"Undetermined Problems" on page 138 |
| POST detects an error and displayed messages on screen. | "Error Message List" on page 125 |
| Other symptoms (i.e. LCD display problems or others). | "Power-On Self-Test (POST) Error Message" on page 124 |
| Symptoms cannot be re-created (intermittent problems). | Use the customer-reported symptoms and go to "Power-On Self-Test (POST) Error Message" on page 124<br>"Intermittent Problems" on page 137<br>"Undetermined Problems" on page 138 |

# System Check Procedures

## External Diskette Drive Check

Do the following to isolate the problem to a controller, driver, or diskette. A write-enabled, diagnostic diskette is required.

**NOTE:** Make sure that the diskette does not have more than one label attached to it. Multiple labels can cause damage to the drive or cause the drive to fail.

Do the following to select the test device.

1. Boot from the diagnostics diskette and start the diagnostics program.

2. See if FDD Test is passed as the program runs to FDD Test.

3. Follow the instructions in the message window.

If an error occurs with the internal diskette drive, reconnect the diskette connector on the system board.

If the error still remains:

1. Reconnect the external diskette drive/DVD-ROM module.

2. Replace the external diskette drive/CD-ROM module.

3. Replace the main board.

## External CD-ROM Drive Check

Do the following to isolate the problem to a controller, drive, or CD-ROM. Make sure that the CD-ROM does not have any label attached to it. The label can cause damage to the drive or can cause the drive to fail.

Do the following to select the test device:

1. Boot from the diagnostics diskette and start the diagnostics program.

2. See if CD-ROM Test is passed when the program runs to CD-ROM Test.

3. Follow the instructions in the message window.

If an error occurs, reconnect the connector on the System board. If the error still remains:

1. Reconnect the external diskette drive/CD-ROM module.

2. Replace the external diskette drive/CD-ROM module.

3. Replace the main board.

## Keyboard or Auxiliary Input Device Check

Remove the external keyboard if the internal keyboard is to be tested.

If the internal keyboard does not work or an unexpected character appears, make sure that the flexible cable extending from the keyboard is correctly seated in the connector on the system board.

If the keyboard cable connection is correct, run the Keyboard Test.

If the tests detect a keyboard problem, do the following one at a time to correct the problem. Do not replace a non-defective FRU:

1. Reconnect the keyboard cables.

2. Replace the keyboard.

3. Replace the main board.

The following auxiliary input devices are supported by this computer:

  q    Numeric keypad

q    External keyboard

If any of these devices do not work, reconnect the cable connector and repeat the failing operation.

# Memory Check

Memory errors might stop system operations, show error messages on the screen, or hang the system.

1.    Boot from the diagnostics diskette and start the diagnostic program (please refer to main board.

2.    Go to the diagnostic memory in the test items.

3.    Press F2 in the test items.

4.    Follow the instructions in the message window.
**NOTE:** Make sure that the DIMM is fully installed into the connector. A loose connection can cause an error.

# Power System Check

To verify the symptom of the problem, power on the computer using each of the following power sources:

1.    Remove the battery pack.

2.    Connect the power adapter and check that power is supplied.

3.    Disconnect the power adapter and install the charged battery pack; then check that power is supplied by the battery pack.

If you suspect a power problem, see the appropriate power supply check in the following list:

q    "Check the Power Adapter" on page 122

q    "Check the Battery Pack" on page 123

## Check the Power Adapter

Unplug the power adapter cable from the computer and measure the output voltage at the plug of the power adapter cable. See the following figure
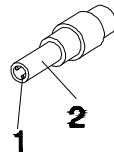


Pin 1: +19 to +20.5V
Pin 2: 0V, Ground

1. If the voltage is not correct, replace the power adapter.

2. If the voltage is within the range, do the following:

   q   Replace the System board.

   q   If the problem is not corrected, see "Undetermined Problems" on page 138.

   q   If the voltage is not correct, go to the next step.

**NOTE:** An audible noise from the power adapter does not always indicate a defect.

3. If the power-on indicator does not light up, check the power cord of the power adapter for correct continuity and installation.

4. If the operational charge does not work, see "Check the Battery Pack" on page 123.

## Check the Battery Pack

To check the battery pack, do the following:

From Software:

1. Check out the Power Management in control Panel

2. In Power Meter, confirm that if the parameters shown in the screen for Current Power Source and Total Battery Power Remaining are correct.

3. Repeat the steps 1 and 2, for both battery and adapter.

4. This helps you identify first the problem is on recharging or discharging.

From Hardware:

1. Power off the computer.

2. Remove the battery pack and measure the voltage between battery terminals 1(+) and 6(ground).

3. If the voltage is still less than 7.5 Vdc after recharging, replace the battery.

To check the battery charge operation, use a discharged battery pack or a battery pack that has less than 50% of the total power remaining when installed in the computer.

If the battery status indicator does not light up, remove the battery pack and let it return to room temperature. Re-install the battery pack.

If the charge indicator still does not light up, replace the battery pack. If the charge indicator still does not light up, replace the DC/DC charger board.

# Touchpad Check

If the touchpad doesn't work, do the following actions one at a time to correct the problem. Do not replace a non-defective FRU:

1. Reconnect the touchpad cables.

2. Replace the touchpad.

3. Replace the system board.

After you use the touchpad, the pointer drifts on the screen for a short time. This self-acting pointer movement can occur when a slight, steady pressure is applied to the touchpad pointer. This symptom is not a hardware problem. No service actions are necessary if the pointer movement stops in a short period of time.

# Power-On Self-Test (POST) Error Message

The POST error message index lists the error message and their possible causes. The most likely cause is listed first.

**NOTE:** Perform the FRU replacement or actions in the sequence shown in FRU/Action column, if the FRU replacement does not solve the problem, put the original part back in the computer. Do not replace a non-defective FRU.

This index can also help you determine the next possible FRU to be replaced when servicing a computer.

If the symptom is not listed, see "Undetermined Problems" on page 138.

The following lists the error messages that the BIOS displays on the screen and the error symptoms classified by function.

**NOTE:** Most of the error messages occur during POST. Some of them display information about a hardware device, e.g., the amount of memory installed. Others may indicate a problem with a device, such as the way it has been configured.

**NOTE:** If the system fails after you make changes in the BIOS Setup Utility menus, reset the computer, enter Setup and install Setup defaults or correct the error.

# Index of Error Messages

**Error Code List**

| Error Codes | Error Messages |
|---|---|
| 006 | Equipment Configuration Error<br>Causes:<br>1. CPU BIOS Update Code Mismatch<br>2. IDE Primary Channel Master Drive Error<br>(THe causes will be shown before "Equipment Configuration Error") |
| 010 | Memory Error at xxxx:xxxx:xxxxh (R:xxxxh, W:xxxxh) |
| 070 | Real Time Clock Error |
| 071 | CMOS Battery Bad |
| 072 | CMOS Checksum Error |
| 110 | System disabled.<br>Incorrect password is specified. |
| <No error code> | Battery critical LOW<br>In this situation BIOS will issue 4 short beeps then shut down system, no message will show. |
| <No error code> | Thermal critical High<br>In this situation BIOS will shut down system, not show message. |

**Error Message List**

| Error Messages | FRU/Action in Sequence |
|---|---|
| Failure Fixed Disk | Reconnect hard disk drive connector.<br>"Load Default Settings" in BIOS Setup Utility.<br>Hard disk drive<br>System board |
| Stuck Key | see "Keyboard or Auxiliary Input Device Check" on page 120. |
| Keyboard error | see "Keyboard or Auxiliary Input Device Check" on page 120. |
| Keyboard Controller Failed | see "Keyboard or Auxiliary Input Device Check" on page 120. |
| Keyboard locked - Unlock key switch | Unlock external keyboard |
| Monitor type does not match CMOS - Run Setup | Run "Load Default Settings" in BIOS Setup Utility. |
| Shadow RAM Failed at offset: nnnn | BIOS ROM<br>System board |
| System RAM Failed at offset: nnnn | DIMM<br>System board |
| Extended RAM Failed at offset: nnnn | DIMM<br>System board |
| System battery is dead - Replace and run Setup | Replace RTC battery and Run BIOS Setup Utility to reconfigure system time, then reboot system. |
| System CMOS checksum bad - Default configuration used | RTC battery<br>Run BIOS Setup Utility to reconfigure system time, then reboot system. |

**Error Message List**

| Error Messages | FRU/Action in Sequence |
|---|---|
| System timer error | RTC battery<br>Run BIOS Setup Utility to reconfigure system time, then reboot system.<br>System board |
| Real time clock error | RTC battery<br>Run BIOS Setup Utility to reconfigure system time, then reboot system.<br>System board |
| Previous boot incomplete - Default configuration used | Run "Load Default Settings" in BIOS Setup Utility.<br>RTC battery<br>System board |
| Memory size found by POST differed from CMOS | Run "Load Default Settings" in BIOS Setup Utility.<br>DIMM<br>System board |
| Diskette drive A error | Check the drive is defined with the proper diskette type in BIOS Setup Utility<br>See "External Diskette Drive Check" on page 120. |
| Incorrect Drive A type - run SETUP | Check the drive is defined with the proper diskette type in BIOS Setup Utility |
| System cache error - Cache disabled | System board |
| CPU ID: | System board |
| DMA Test Failed | DIMM<br>System board |
| Software NMI Failed | DIMM<br>System board |
| Fail-Safe Timer NMI Failed | DIMM<br>System board |
| Device Address Conflict | Run "Load Default Settings" in BIOS Setup Utility.<br>RTC battery<br>System board |
| Allocation Error for device | Run "Load Default Settings" in BIOS Setup Utility.<br>RTC battery<br>System board |
| Failing Bits: nnnn | DIMM<br>BIOS ROM<br>System board |
| Fixed Disk n | None |
| Invalid System Configuration Data | BIOS ROM<br>System board |
| I/O device IRQ conflict | Run "Load Default Settings" in BIOS Setup Utility.<br>RTC battery<br>System board |
| Operating system not found | Enter Setup and see if fixed disk and drive A: are properly identified.<br>Diskette drive<br>Hard disk drive<br>System board |

**Error Message List**

| No beep Error Messages | FRU/Action in Sequence |
|---|---|
| No beep, power-on indicator turns off and LCD is blank. | Power source (battery pack and power adapter). See "Power System Check" on page 121.. <br> Ensure every connector is connected tightly and correctly. <br> Reconnect the DIMM. <br> LED board. <br> System board. |
| No beep, power-on indicator turns on and LCD is blank. | Power source (battery pack and power adapter). See "Power System Check" on page 121.. <br> Reconnect the LCD connector <br> Hard disk drive <br> LCD inverter ID <br> LCD cable <br> LCD Inverter <br> LCD <br> System board |
| No beep, power-on indicator turns on and LCD is blank. But you can see POST on an external CRT. | Reconnect the LCD connectors. <br> LCD inverter ID <br> LCD cable <br> LCD inverter <br> LCD <br> System board |
| No beep, power-on indicator turns on and a blinking cursor shown on LCD during POST. | Ensure every connector is connected tightly and correctly. <br> System board |
| No beep during POST but system runs correctly. | Speaker <br> System board |

# Phoenix BIOS Beep Codes

| Code | Beeps | POST Routine Description |
|---|---|---|
| 02h | | Verify Real Mode |
| 03h | | Disable Non-Maskable Interrupt (NMI) |
| 04h | | Get CPU type |
| 06h | | Initialize system hardware |
| 08h | | Initialize chipset with initial POST values |
| 09h | | Set IN POST flag |
| 0Ah | | Initialize CPU registers |
| 0Bh | | Enable CPU cache |
| 0Ch | | Initialize caches to initial POST values |
| 0Eh | | Initialize I/O component |
| 0Fh | | Initialize the local bus IDE |
| 10h | | Initialize Power Management |
| 11h | | Load alternate registers with initial POST values |
| 12h | | Restore CPU control word during warm boot |
| 13h | | Initialize PCI Bus Mastering devices |
| 14h | | Initialize keyboard controller |
| 16h | 1-2-2-3 | BIOS ROM checksum |
| 17h | | Initialize cache before memory autosize |
| 18h | | 8254 timer initialization |
| 1Ah | | 8237 DMA controller initialization |
| 1Ch | | Reset Programmable Interrupt Controller |
| 20h | 1-3-1-1 | Test DRAM refresh |
| 22h | 1-3-1-3 | Test 8742 Keyboard Controller |
| 24h | | Set ES segment register to 4 GB |
| 26h | | Enable A20 line |
| 28h | | Autosize DRAM |
| 29h | | Initialize POST Memory Manager |
| 2Ah | | Clear 215 KB base RAM |
| 2Ch | 1-3-4-1 | RAM failure on address line xxxx |
| 2Eh | 1-3-4-3 | RAM failure on data bits xxxx of low byte of memory bus |
| 2Fh | | Enable cache before system BIOS shadow |
| 30h | 1-4-1-1 | RAM failure on data bits xxxx of high byte of memory bus |
| 32h | | Test CPU bus-clock frequency |
| 33h | | Initialize Phoenix Dispatch Manager |
| 36h | | Warm start shut down |
| 38h | | Shadow system BIOS ROM |
| 3Ah | | Autosize cache |

| Code | Beeps | POST Routine Description |
|------|-------|-------------------------|
| 3Ch | | Advanced configuration of chipset registers |
| 3Dh | | Load alternate registers with CMOS values |
| 42h | | Initialize interrupt vectors |
| 45h | | POST device initialization |
| 46h | 2-1-2-3 | Check ROM copyright notice |
| 48h | | Check video configuration against CMOS |
| 49h | | Initialize PCI bus and devices |
| 4Ah | | Initialize all video adapters in system |
| 4Bh | | QuietBoot start (optional) |
| 4Ch | | Shadow video BIOS ROM |
| 4Eh | | Display BIOS copyright notice |
| 50h | | Display CPU type and speed |
| 51h | | Initialize EISA board |
| 52h | | Test keyboard |
| 54h | | Set key click if enabled |
| 58h | 2-2-3-1 | Test for unexpected interrupts |
| 59h | | Initialize POST display service |
| 5Ah | | Display prompt "Press F2 to enter SETUP" |
| 5Bh | | Disable CPU cache |
| 5Ch | | Test RAM between 512 and 640 KB |
| 60h | | Test extended memory |
| 62h | | Test extended memory address lines |
| 64h | | Jump to User Patch1 |
| 66h | | Configure advanced cache registers |
| 67h | | Initialize Multi Processor APIC |
| 68h | | Enable external and CPU caches |
| 69h | | Setup System Management Mode (SMM) area |
| 6Ah | | Display external L2 cache size |
| 6Bh | | Load custom defaults (optional) |
| 6Ch | | Display shadow-area message |
| 6Eh | | Display possible high address for UMB recovery |
| 70h | | Display error messages |
| 72h | | Check for configuration errors |
| 76h | | Check for keyboard errors |
| 7Ch | | Set up hardware interrupt vectors |
| 7Eh | | Initialize coprocessor if present |
| 80h | | Disable onboard Super I/O ports and IRQs |
| 81h | | Late POST device initialization |

| Code | Beeps | POST Routine Description |
|---|---|---|
| 82h | | Detect and install external RS232 ports |
| 83h | | Configure non-MCD IDE controllers |
| 84h | | Detect and install external parallel ports |
| 85h | | Initialize PC-compatible PnP ISA devices |
| 86h | | Re-initialize onboard I/O ports |
| 87h | | Configure Motherboard Configurable Devices (optional) |
| 88h | | Initialize BIOS Area |
| 89h | | Enable Non-Maskable Interrupts (NMIs) |
| 8Ah | | Initialize Extended BIOS Data Area |
| 8Bh | | Test and initialize PS/2 mouse |
| 8Ch | | Initialize floppy controller |
| 8Fh | | Determine number of ATA drives (optional) |
| 90h | | Initialize hard-disk controllers |
| 91h | | Initialize local-bus hard-disk controllers |
| 92h | | Jump to UserPatch2 |
| 93h | | Build MPTABLE for multi-processor boards |
| 95h | | Install CD ROM for boot |
| 96h | | Clear huge ES segment register |
| 97h | | Fixup Multi Processor table |
| 98h | 1-2 | Search for option ROMs. One long, two short beeps on checksum failure. |
| 99h | | Check for SMART drive (optional) |
| 9Ah | | Shadow option ROMs |
| 9Ch | | Set up Power Management |
| 9Dh | | Initialize security engine (optional) |
| 9Eh | | Enable hardware interrupts |
| 9Fh | | Determine number of ATA and SCSI drives |
| A0h | | Set time of day |
| A2h | | Check key lock |
| A4h | | Initialize Typematic rate |
| A8h | | Erase F2 prompt |
| AAh | | Scan for F2 key stroke |
| ACh | | Enter SETUP |
| AEh | | Clear Boot flag |
| B0h | | Check for errors |
| B2h | | POST done- prepare to boot operating system |
| B4h | 1 | One short beep before boot |
| B5h | | Terminate QuietBoot (optional) |
| B6h | | Check password (optional) |

| Code | Beeps | POST Routine Description |
|---|---|---|
| B9h | | Prepare Boot |
| BAh | | Initialize DMI parameters |
| BBh | | Initialize PnP Option ROMs |
| BCh | | Clear parity checkers |
| BDh | | Display MultiBoot menu |
| BEh | | Clear screen (optional) |
| BFh | | Check virus and backup reminders |
| C0h | | Try to boot with INT 19 |
| C1h | | Initialize POST Error Manager (PEM) |
| C2h | | Initialize error logging |
| C3h | | Initialize error display function |
| C4h | | Initialize system error handler |
| C5h | | PnPnd dual CMOS (optional) |
| C6h | | Initialize notebook docking (optional) |
| C7h | | Initialize notebook docking late |
| C8h | | Force check (optional) |
| C9h | | Extended checksum (optional) |
| D2h | | Unknown interrupt |

| Code | Beeps | |
|---|---|---|
| E0h | | Initialize the chipset |
| E1h | | Initialize the bridge |
| E2h | | Initialize the CPU |
| E3h | | Initialize the system timer |
| E4h | | Initialize system I/O |
| E5h | | Check force recovery boot |
| E6h | | Checksum BIOS ROM |
| E7h | | Go to BIOS |
| E8h | | Set Huge Segment |
| E9h | | Initialize Multi Processor |
| EAh | | Initialize OEM special code |
| EBh | | Initialize PIC and DMA |
| ECh | | Initialize Memory type |
| EDh | | Initialize Memory size |
| EEh | | Shadow Boot Block |
| EFh | | System memory test |
| F0h | | Initialize interrupt vectors |
| F1h | | Initialize Run Time Clock |
| F2h | | Initialize video |
| F3h | | Initialize System Management Mode |
| F4h | 1 | Output one beep before boot |

| Code | Beeps | |
|------|-------|---|
| F5h | | Boot to Mini DOS |
| F6h | | Clear Huge Segment |
| F7h | | Boot to Full DOS |

# Index of Symptom-to-FRU Error Message

**LCD-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| LCD backlight doesn't work<br>LCD is too dark<br>LCD brightness cannot be adjusted<br>LCD contrast cannot be adjusted | Enter BIOS Utility to execute "Load Setup Default Settings", then reboot system.<br>Reconnect the LCD connectors.<br>Keyboard (if contrast and brightness function key doesn't work).<br>LCD inverter ID<br>LCD cable<br>LCD inverter<br>LCD<br>System board |
| Unreadable LCD screen<br>Missing pels in characters<br>Abnormal screen<br>Wrong color displayed | Reconnect the LCD connector<br>LCD inverter ID<br>LCD cable<br>LCD inverter<br>LCD<br>System board |
| LCD has extra horizontal or vertical lines displayed. | LCD inverter ID<br>LCD inverter<br>LCD cable<br>LCD<br>System board |

**Indicator-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| Indicator incorrectly remains off or on, but system runs correctly | Reconnect the inverter board<br>Inverter board<br>System board |

**Power-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| Power shuts down during operation | Power source (battery pack and power adapter). See "Power System Check" on page 121.<br>Battery pack<br>Power adapter<br>Hard drive & battery connection board<br>System board |
| The system doesn't power-on. | Power source (battery pack and power adapter). See "Power System Check" on page 121.<br>Battery pack<br>Power adapter<br>Hard drive & battery connection board<br>System board |

**Power-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| The system doesn't power-off. | Power source (battery pack and power adapter). See "Power System Check" on page 121. |
| | Hold and press the power switch for more than 4 seconds. |
| | System board |
| Battery can't be charged | See "Check the Battery Pack" on page 123. |
| | Battery pack |
| | System board |

**PCMCIA-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| System cannot detect the PC Card (PCMCIA) | PCMCIA slot assembly |
| | System board |
| PCMCIA slot pin is damaged. | PCMCIA slot assembly |

**Memory-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| Memory count (size) appears different from actual size. | Enter BIOS Setup Utility to execute "Load Default Settings, then reboot system. |
| | DIMM |
| | System board |

**Speaker-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| In Windows, multimedia programs, no sound comes from the computer. | Audio driver |
| | Speaker |
| | System board |
| Internal speakers make noise or emit no sound. | Speaker |
| | System board |

**Power Management-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| The system will not enter hibernation | See "Save to Disk (S4)" on page 35. |
| | Keyboard (if control is from the keyboard) |
| | Hard disk drive |
| | System board |
| The system doesn't enter hibernation mode and four short beeps every minute. | Press Fn+**O** and see if the computer enters hibernation mode. |
| | Touchpad |
| | Keyboard |
| | Hard disk connection board |
| | Hard disk drive |
| | System board |
| The system doesn't enter standby mode after closing the LCD | See "Save to Disk (S4)" on page 35. |
| | LCD cover switch |
| | System board |

**Power Management-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| The system doesn't resume from hibernation mode. | See "Save to Disk (S4)" on page 35. Hard disk connection board Hard disk drive System board |
| The system doesn't resume from standby mode after opening the LCD. | See "Save to Disk (S4)" on page 35. LCD cover switch System board |
| Battery fuel gauge in Windows doesn't go higher than 90%. | Remove battery pack and let it cool for 2 hours. Refresh battery (continue use battery until power off, then charge battery). Battery pack System board |
| System hangs intermittently. | Reconnect hard disk/CD-ROM drives. Hard disk connection board System board |

**Peripheral-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| System configuration does not match the installed devices. | Enter BIOS Setup Utility to execute "Load Default Settings", then reboot system. Reconnect hard disk/CD-ROM/diskette drives. |
| External display does not work correctly. | Press Fn+F5, LCD/CRT/Both display switching System board |
| USB does not work correctly | System board |
| Print problems. | Onboard Devices Configuration Run printer self-test. Printer driver Printer cable Printer System Board |
| Serial or parallel port device problems. | Device driver Device cable Device System board |

**Keyboard/Touchpad-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| Keyboard (one or more keys) does not work. | Reconnect the keyboard cable. Keyboard System board |
| Touchpad does not work. | Reconnect touchpad cable. Touchpad board System board |

**Modem-Related Symptoms**

| Symptom / Error | Action in Sequence |
|---|---|
| Internal modem does not work correctly. | Modem phone port<br>modem combo board<br>System board |

**NOTE:** If you cannot find a symptom or an error in this list and the problem remains, see "Undetermined Problems" on page 138.

# Intermittent Problems

Intermittent system hang problems can be caused by a variety of reasons that have nothing to do with a hardware defect, such as: cosmic radiation, electrostatic discharge, or software errors. FRU replacement should be considered only when a recurring problem exists.

When analyzing an intermittent problem, do the following:

1. Run the advanced diagnostic test for the system board in loop mode at least 10 times.

2. If no error is detected, do not replace any FRU.

3. If any error is detected, replace the FRU. Rerun the test to verify that there are no more errors.

# Undetermined Problems

The diagnostic problems does not identify which adapter or device failed, which installed devices are incorrect, whether a short circuit is suspected, or whether the system is inoperative.

Follow these procedures to isolate the failing FRU (do not isolate non-defective FRU).

**NOTE:** Verify that all attached devices are supported by the computer.

**NOTE:** Verify that the power supply being used at the time of the failure is operating correctly. (See "Power System Check" on page 121.):

1. Power-off the computer.

2. Visually check them for damage. If any problems are found, replace the FRU.

3. Remove or disconnect all of the following devices:

    - Non-Acer devices
    - Printer, mouse, and other external devices
    - Battery pack
    - Hard disk drive
    - DIMM
    - CD-ROM/Diskette drive Module
    - PC Cards

4. Power-on the computer.

5. Determine if the problem has changed.

6. If the problem does not recur, reconnect the removed devices one at a time until you find the failing FRU.

7. If the problem remains, replace the following FRU one at a time. Do not replace a non-defective FRU:

    - System board
    - LCD assembly

# Jumper and Connector Locations

## Motherboard
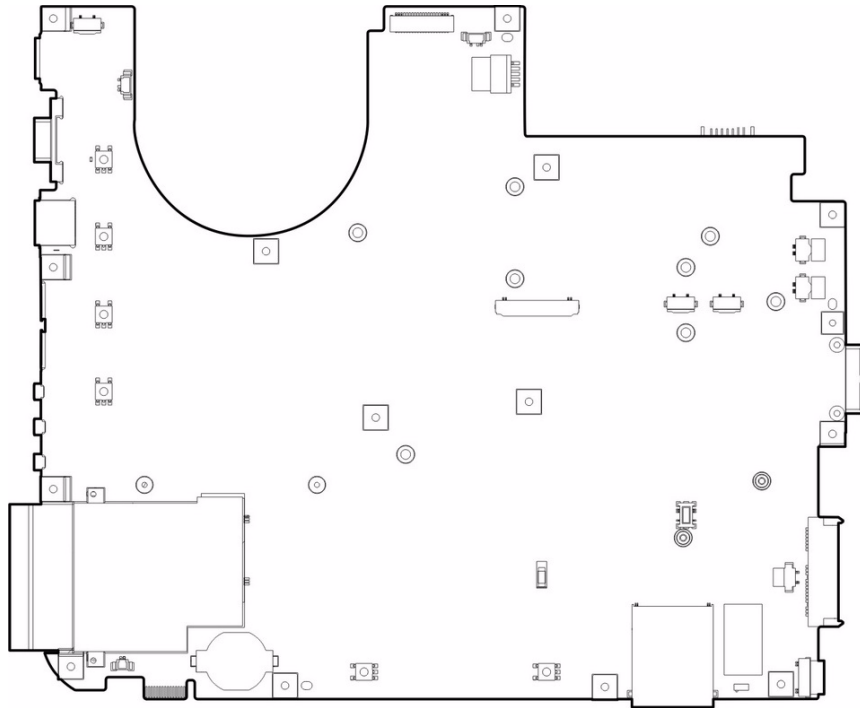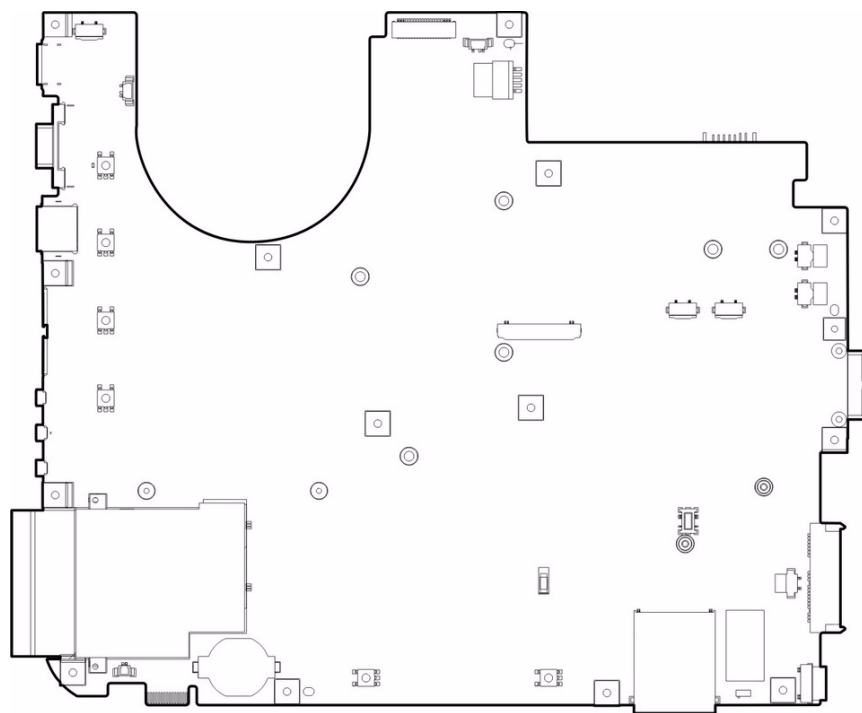
# Clearing Password Check and BIOS Recovery

This section provide you the standard operating procedures of clearing password and BIOS recovery for Aspire 8730/8730Z Series. Aspire 8730/8730Z Series provide one Hardware Open Gap on main board for clearing password check, and one Hotkey for enabling BIOS Recovery.

## Clearing Password Check

### Hardware Open Gap Description

| Hardware | Default Setting | Operation Description |
|---|---|---|
| Gap | Open (Normal) | Short (Clearing Password Check) |

### HW Gap position on M/B space:

Gap name in Aspire 8730/8730Z Series is G35
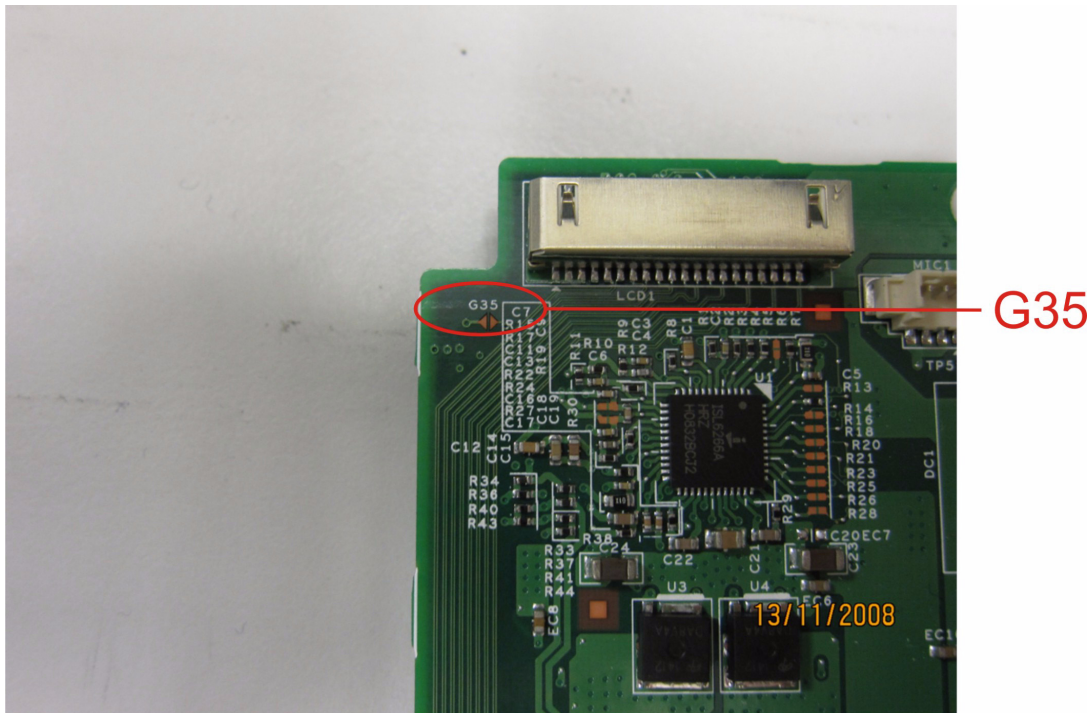
Gap name in Aspire 8530 Series is G50
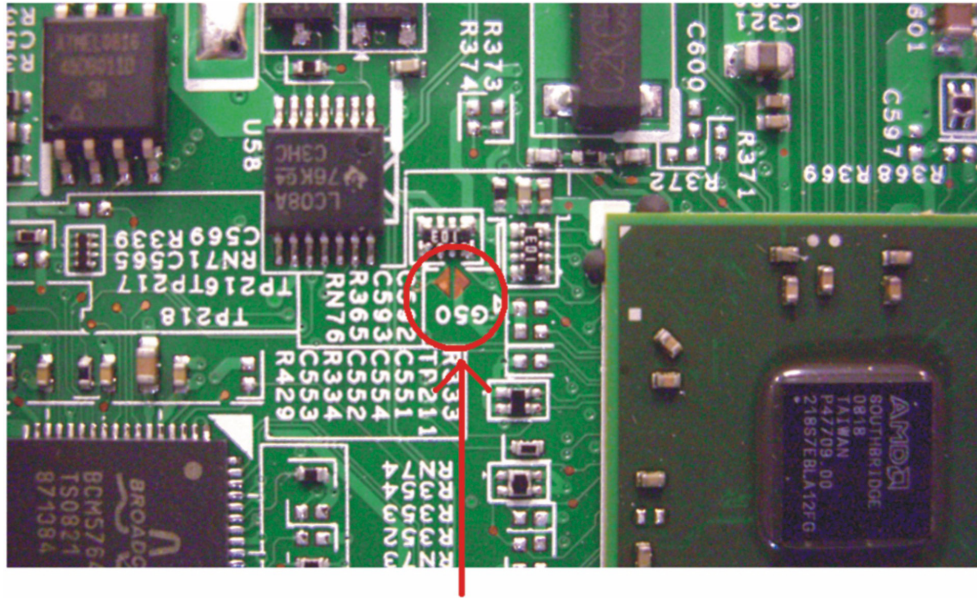


G50

## Steps for Clearing BIOS Password Check

If users set BIOS Password (Supervisor Password and/or User Password) for a security reason, BIOS will ask the password during systems POST or when systems enter to BIOS Setup menu. However, once it is necessary to bypass the password check, users need to short the HW Gap to clear the password by the following steps:

- Power Off a system, and remove HDD, AC and Battery from the machine.
- Open the back cover of the machine, and find out the HW Gap on M/B as picture.
- Use an electric conductivity tool to short the two points of the HW Gap.
- Plug in AC, keep the short condition on the HW Gap, and press Power Button to power on the system till BIOS POST finish. Then remove the tool from the HW Gap.
- Restart system. Press F2 key to enter BIOS Setup menu.
- If there is no Password request, BIOS Password is cleared. Otherwise, please follow the steps and try again.

**NOTE:** The steps are only for clearing BIOS Password (Supervisor Password and User Password).

# BIOS Recovery by Crisis Disk

## BIOS Recovery Boot Block:

BIOS Recovery Boot Block is a special block of BIOS. It is used to boot up the system with minimum BIOS initialization. Users can enable this feature to restore the BIOS firmware to a successful one once the previous BIOS flashing process failed.

## BIOS Recovery Hotkey:

The system provides a function hotkey: **Fn+Esc**, for enable BIOS Recovery process when system is powered on during BIOS POST. To use this function, it is strongly recommended to have the AC adapter and Battery present. If this function is enabled, the system will force the BIOS to enter a special BIOS block, called Boot Block.

## Steps for BIOS Recovery by Crisis Disk:

Before doing this, one Crisis Disk should be prepared ready in hand. The Crisis Disk could be made by executing the Crisis Disk program in another system with Windows XP OS.

Follow the steps below:

1.  Power Off system.

2.  Insert the Crisis Disk to a USB floppy drive which is attached to the BIOS flash failed machine.

3.  In the power-off state, press **Fn+Esc** and hold them and then press Power Button. The system should be powered on with Crisis BIOS Recovery process.

4.  BIOS Boot Block starts to restore the BIOS code from the Crisis floppy disk to BIOS ROM on the failed machine.

5.  If the Crisis flashing process is finished, the system will restart.

If the Crisis Recovery process is finished, the system should be powered on with successful and workable BIOS. Then a person can update the latest version BIOS for this machine by regular BIOS flashing process.

# FRU (Field Replaceable Unit) List

This chapter gives you the FRU (Field Replaceable Unit) listing in global configurations of 8730/8730Z/8530 Series. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).

Please note that WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reasons a part number change is made, it will not be noted on the printed Service Guide. For ACER AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code from those given in the FRU list of this printed Service Guide. You MUST use the local FRU list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

NOTE: To scrap or to return the defective parts, you should follow the local government ordinance or regulations on how to dispose it properly, or follow the rules set by your regional Acer office on how to return it.

# Aspire 8730/8730Z/8530 Series Exploded Diagram
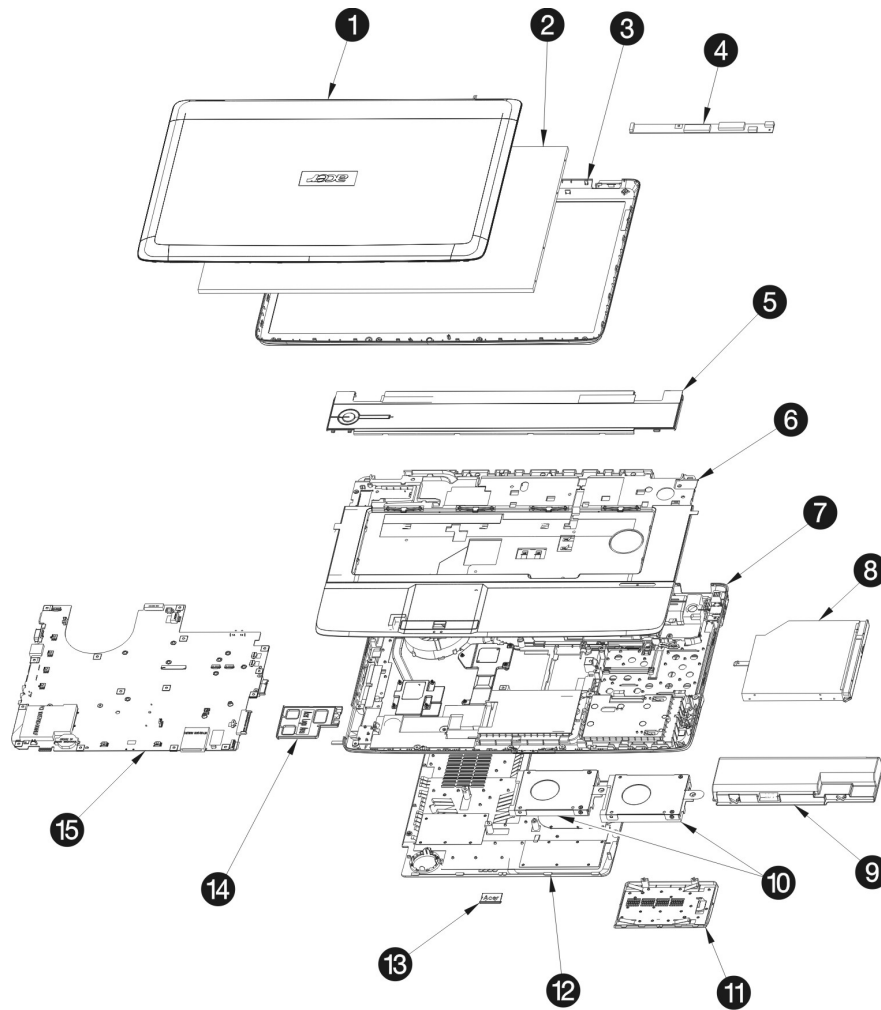


| NO | PARTNO | DESCRIPTION | Q'TY | REV |
|----|--------|-------------|------|-----|
| 1 | 60.4AJ10.001 | ASSYLCDPANELBB2 | 1 | 0A |
| 2 | LK.1840D.001 | LCD18.4"WUXGACMON184H4-L04 | 1 | 0A |
| 3 | 60.4AJ11.001 | ASSYLCDBEZELBB2 | 1 | 0A |
| 4 | 19.21010.061 | INVERTERDLTBD544NRTDK | 1 | 0A |
| 5 | 60.4AJ05.001 | ASSYMIDDLECOVERBB2 | 1 | 0A |
| 6 | 60.4AJ03.001 | ASSYUCASEW/FPBB2 | 1 | 0A |
| 7 | 60.4AJ06.001 | ASSYLCASEW/TVBB2 | 1 | 0A |
| 8 | 65.4AJ04.001 | ASSYODDS-MULTIBB2 | 1 | 0A |
| 9 | BT.00804.020 | BTYPACKLI+8C2.4AHSONY | 1 | 0A |
| 10 | 65.4AJ03.001 | ASSYHDDBB2 | 2 | 0A |
| 11 | 60.4AJ09.001 | ASSYHDDDOORBB2 | 1 | 0A |
| 12 | 60.4AJ08.001 | ASSYBIGDOORBB2 | 1 | 0A |
| 13 | 42.4AJ01.001 | CardreaderdummycardBB2 | 1 | 0A |
| 14 | 42.4AJ02.001 | NewcarddummycardBB2 | 1 | 0A |
| 15 | 55.4AV01.D03G | BB2ENGMBDISW/OC&DW/FPD | 1 | 0A |

**Aspire 8730/8730Z/8530 Series FRU List**

| Category | No. | Part Name and Description | Acer Part No. |
|---|---|---|---|
| ACCESSORY | | | |
| | | REMOTE CONTROLLER FORMOSA21 RC804V-B EN | RT.22700.011 |
| | | REMOTE CONTROLLER FORMOSA21 RC804V-B EU | RT.22700.008 |
| Adapter | | | |
| | | ADAPTER 90W LITEON PA-1900-24AR | AP.09003.011 |
| | | ADAPTER 90W DELTA ADP-90SB BBEA LF | AP.09001.013 |
| | | ADAPTER 90W 3PIN DELTA ADP-90SB | AP.09001.014 |
| | | ADT 90W 19V 3P HP-OL093B13P LF | AP.0900A.001 |
| | | ADAPTER 65W 3PIN DELTA SADP-65KB BFJA LF | AP.06501.014 |
| | | ADAPTER 65W LITEON PA-1650-02AC LF | AP.06503.016 |
| | | ADAPTER 65W HIPRO HP-OK065B13 LF | AP.0650A.010 |
| | | ADAPTER 65W DELTA SADP-65KB DFA LF | AP.06501.013 |
| Battery- | | | |
| | | SANYO AS-2007B LI-ION 3S2P SANYO 6 CELL 4400MAH | BT.00603.042 |
| | | SONY AS-2007B LI-ION 3S2P SONY 6 CELL 4400MAH | BT.00604.025 |
| | | PANASONIC AS-2007B LI-ION 3S2P PANASONIC 6 CELL 4400MAH | BT.00605.021 |
| | | SIMPLO AS-2007B LI-ION 3S2P PANASONIC 6 CELL 4400MAH | BT.00607.016 |
| | | SIMPLO AS-2007B LI-ION 4S2P PANASONIC 8 CELL 4800MAH | BT.00807.015 |
| Boards | | | |
| | | EIGER AUDIO BD 07629-2M (D) | 55.AR501.001 |
| | | EIGER PD E KEY BD (D) | 55.AR501.006 |
| | | EIGER PD LAUNCH BD (D) | 55.AR501.002 |
| | | EIGER PD POWER BD (D) | 55.AR501.007 |
| | | EIGER PD USB BD WITH TV (D) | 55.AQE01.001 |
|  | | TOUCHPAD SYNAPTICS TM00540-001 | 56.AGV01.001 |
| | | BT MOD FOXCONN BCM2045 V2 | BT.21100.005 |
| | | WLAN 802.11ABGN SHIRLEYPEAK1*2 | KI.SPM01.003 |
|  | | VGA MXM CARD NVIDIA 9PGSHM DDRIII 512MB W/HDCP (MSI MADE) VGA CARD NB9P-GS/512M GDDR3 | 55.AQ301.001 |
| | | BIWA MINI SENSOR BD 07522-2M | 55.TKJ01.001 |
| | | EIGER PD FP BD WITH MINI (D) | 55.AQ301.002 |
| | | TV TUNCER DVB-T MINI TT-1260DA | TU.23100.015 |

| Category | No. | Part Name and Description | Acer Part No. |
|---|---|---|---|
| | | CAPACITIVE BUTTON TM-01119-001 | 55.AR501.005 |
| | | MODEM BOARD FOXCONN DELPHI-AM5 V2H 1.5_3.3V | FX.22500.022 |
| Cables | | | |
| | | LAUNCH BOARD CABLE | 50.AR501.002 |
| | | MEDIA BOARD CABLE | 50.AR501.005 |
| | | TOUCHPAD BOARD CABLE | 50.AR501.006 |
| | | USB BOARD CABLE | 50.AR501.003 |
| | | BLUETOOTH BOARD CABLE | 50.AR501.007 |
| | | AUDIO BOARD CABLE | 50.AR501.001 |
| | | DC-IN CABLE 90W | 50.AQ301.001 |
| | | TV TUNER BOARD CABLE | 50.AQE01.001 |
| | | TOUCHPAD BUTTON BOARD CABLE | 50.AR501.004 |
| | | DC-IN CABLE 65W | 50.AR501.008 |
| | | LCD/CAMERA CABLE 15.4" WXGA | 50.AR501.009 |
| | | POWER CORD 10A 125V US | 27.T30V1.001 |
| | | POWER CORD 10A 125V 3PIN US BK | 27.01518.641 |
| | | POWER CORD 2.5A 125V 8121- USA/W CNS | 27.01518.781 |
| | | POWER CORD 220V 3PIN EUR | 27.T30V1.004 |
| | | POWER CABLE 16A 250V 3PIN EUR UK | 27.01518.731 |
| | | POWER CORD 3A 250V 3PIN UK | 27.01518.541 |
| | | POWER CORD 5A 250V 3PIN UK BK | 27.03118.001 |
| | | POWER CORD 10A 3PIN BK DENMARK | 27.01518.561 |
| | | POWER CORD 10A 250V 3PIN DENMARK BK | 27.01518.671 |
| | | POWER CORD 10A 250V 3PIN BK SOUTH AFRICA | 27.01518.571 |
| | | POWER CORD 16A 250V SOUTH AFRICA BK | 27.01518.681 |
| | | POWER CORD 10A 250V SWISS | 27.01518.581 |
| | | POWER CORD 10A 250V 3PIN SWISS BK | 27.01518.691 |
| | | POWER CORD 10A 250V 3PIN CHINA | 27.01518.591 |
| | | POWER CORD 10A 250V 3PIN CHINA BK | 27.01518.701 |
| | | POWER CORD 10A 250V 3PIN ITALY | 27.01518.611 |
| | | POWER CORD 10A 250V 3PIN ITALY BK | 27.01518.711 |
| | | POWER CORD 2.5A 250V SOUTH AFRICA BK (INDIA) | 27.01518.631 |
| | | POWER CORD 10A 250V SOUTH AFRICA BK (INDIA) | 27.01518.721 |
| | | POWER CORD 2.5A 250V AUSTRALIA | 27.01518.621 |
| | | POWER CORD ACA/ACNZ | 27.03218.021 |
| | | POWER CORD 7A 125V 2PIN JAPEN | 27.01518.551 |
| | | POWER CORD 7A 125V 2PIN JAPAN | 27.03518.161 |
| | | POWER CORD 7A 250V 2PIN KOREA | 27.01518.531 |

| Category | No. | Part Name and Description | Acer Part No. |
|----------|-----|---------------------------|---------------|
| | | POWER CORD 250V 10A 3PIN ISRAEL | 27.01518.761 |
| Case/Cover/Bracket/Assembly | | | |
| | | LOWER CASE W/MODEM CABLE&FAN BRACKET&SPEAKER FOR TV | 60.AQE01.001 |
| | | SPEAKER SUB WOFFER | 23.AR501.001 |
| | | SPEAKER SET | 23.AR501.002 |
| | | EXPRESS DUMMY CARD | 42.AR501.004 |
| | | NEW CARD DUMMY CARD | 42.TK901.005 |
| | | SD DUMMY CARD | 42.TK901.006 |
| | | MIDDLE COVER | 42.AR501.001 |
| | | UNITLOAD COVER | 42.AR501.002 |
| | | E-KEY COVER | 42.AR501.003 |
| | | TOUCHPAD BRACKET | 33.AR501.001 |
| | | VGA BOARD BARCKET FOR NVIDIA | 33.TPE01.001 |
| | | UPPER CASE W/SPEAKER&E KEY CABLE&POWER CABLE&FINGERPRINT HOLE | 60.AQ301.002 |
| | | OPTICAL BRACKET | 33.AR501.002 |
| | | BD COMBO BEZEL | 42.AR501.005 |
| | | SUPER MULIT BEZEL | 42.AGV01.005 |
| | | HDD BRACKET | 33.AR501.003 |
| | | LCD COVER 15.4" W/BACKLIGHT MODULE&ANTENNA | 60.AR501.005 |
| | | LCD BEZEL 15.4" W/MICROPHONE | 60.AR501.004 |
| | | LCD BRACKET W/HINGE LEFT | 33.AR501.004 |
| | | LCD BRACKET W/HINGE RIGHT | 33.AR501.005 |
| Combo Module | | | |
| | | COMBO MODULE BLU-RAY 2X | 6M.AR501.001 |
| | | ODD SONY BD COMBO 12.7MM TRAY DL 2X BC-5500S LF W/O BEZEL SATA | KO.0020E.002 |
| Communication Module | | | |
| | | EXTERNAL ANTENNA SET | 25.AQE01.001 |
| CPU/Processor | | | |

| Category | No. | Part Name and Description | Acer Part No. |
|---|---|---|---|
| | | CPU INTEL CORE2DUAL P8400 PGA 2.26G 3M 1066 25W | KC.84001.DPP |
| | | CPU INTEL CORE2DUAL P8600 PGA 2.4G 1066 25W 3M | KC.86001.DPP |
| | | CPU INTEL CORE2DUAL P9500 PGA 2.53G 6M 1066 25W | KC.95001.DPP |
| | | CPU INTEL CORE2DUAL T9400 PGA 2.53G 6M 1066 35W | KC.94001.DTP |
| | | CPU INTEL CORE2DUAL T9600 PGA 2.8G 6M 1066 35W | KC.96001.DTP |
| DVD Module | | | |
| | | ODD TOSHIBA SUPER-MULTI DRIVE 12.7MM TRAY DL 8X TS-L633A LF W/O BEZEL SATA | KU.00801.021 |
| | | ODD PIONEER SUPER-MULTI DRIVE 12.7MM TRAY DL 8X DVR-TD08RS LF W/O BEZEL SATA | KU.00805.044 |
| | | ODD PANASONIC SUPER-MULTI DRIVE 12.7MM TRAY DL 8X UJ-870A LF W/O BEZEL SATA | KU.00807.059 |
| | | ODD HLDS SUPER-MULTI DRIVE 12.7MM TRAY DL 8X GSA-T50N LF W/O BEZEL SATA | KU.0080D.029 |
| | | ODD HLDS SUPER-MULTI DRIVE 12.7MM TRAY DL 8X GSA-T50N LF W/O BEZEL SATA MALAYSIA | KU.0080D.034 |
| | | ODD SONY SUPER-MULTI DRIVE 12.7MM TRAY DL 8X AD-7560S LF W/O BEZEL SATA | KU.0080E.009 |
| | | ODD PLDS SUPER-MULTI DRIVE 12.7MM TRAY DL 8X DS-8A2S LF W/O BEZEL SATA | KU.0080F.001 |
| Fan | | | |
| | | FAN SUNON | 23.AR501.003 |
| Heatsink | | | |
| | | CPU HEATSINK AVC NB9 W/O FAN | 60.AQ301.003 |
| HDD/Hard Disk Drive | | | |

| Category | No. | Part Name and Description | Acer Part No. |
|---|---|---|---|
|  | | HDD 120GB 5400RPM SATA II HGST HTS542512K9SA00 BRONCO-B LF | KH.12007.014 |
| | | HDD 120GB 5400RPM SATA SEAGATE ST9120817AS LF | KH.12001.032 |
| | | HDD 120GB 5400RPM SATA TOSHIBA MK1246GSX LF | KH.12004.007 |
| | | HDD 120GB 5400RPM SATA WD WD1200BEVS-22UST0 ML125 LF | KH.12008.019 |
| | | HDD 160GB WD WD1600BEVT-22ZCT0 | KH.16008.022 |
| | | HDD 160GB 5400RPM SATA II HITACHI HTS541616J9SA00 LF | KH.16007.016 |
| | | HDD 160GB SEAGATE SATA ST9160827AS | KH.16001.029 |
| | | HDD 160GB 5400RPM SATA TOSHIBA MK1646GSX LF | KH.16004.002 |
| | | HDD 250GB SEAGATE SATA ST9250827AS | KH.25001.011 |
| | | HDD 250GB 5400RPM SATA TOSHIBA MK2546GSX LF | KH.25004.001 |
| | | HDD 250GB 5400RPM SATA II HGST HTS542525K9SA00 LF | KH.25007.011 |
| | | HDD 250GB 5400RPM SATA WD WD2500BEVS-22UST0 ML125 | KH.25008.018 |
| | | HDD 320GB 5400RPM SATA WD WD3200BEVT-22ZCT0 ML125 | KH.32008.013 |
| Keyboard | | | |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS US INTERNATIONAL (ASPIRE BLACK) | KB.INT00.442 |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS US INTERNATIONAL HEBREW (ASPIRE BLACK) | KB.INT00.443 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS UK (ASPIRE BLACK) | KB.INT00.444 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS TURKISH (ASPIRE BLACK) | KB.INT00.445 |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS THAILAND (ASPIRE BLACK) | KB.INT00.446 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS SWISS/G (ASPIRE BLACK) | KB.INT00.447 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS SWEDISH (ASPIRE BLACK) | KB.INT00.448 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS SPANISH (ASPIRE BLACK) | KB.INT00.449 |
| | | KEYBOARD 14_15KB-FV3 BLACK 89KS SLO/CRO (ASPIRE BLACK) | KB.INT00.451 |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS RUSSIAN (ASPIRE BLACK) | KB.INT00.452 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS PORTUGUESE (ASPIRE BLACK) | KB.INT00.453 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS POLISH (ASPIRE BLACK) | KB.INT00.454 |

| Category | No. | Part Name and Description | Acer Part No. |
|---|---|---|---|
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS NORWEGIAN (ASPIRE BLACK) | KB.INT00.455 |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS KOREAN (ASPIRE BLACK) | KB.INT00.457 |
| | | KEYBOARD 14_15KB-FV3 BLACK E93KS JAPANESE (ASPIRE BLACK) | KB.INT00.458 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS ITALIAN (ASPIRE BLACK) | KB.INT00.459 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS HUNGARIAN (ASPIRE BLACK) | KB.INT00.462 |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS GREEK (ASPIRE BLACK) | KB.INT00.463 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS GERMAN (ASPIRE BLACK) | KB.INT00.464 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS FRENCH (ASPIRE BLACK) | KB.INT00.465 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS DUTCH (ASPIRE BLACK) | KB.INT00.467 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS DANISH (ASPIRE BLACK) | KB.INT00.468 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS CZECH (ASPIRE BLACK) | KB.INT00.469 |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS TRADITIONAL CHINESE (ASPIRE BLACK) | KB.INT00.470 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS CANADIAN FRENCH (ASPIRE BLACK) | KB.INT00.471 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS BRAZILIAN PORTUGUESE (ASPIRE BLACK) | KB.INT00.472 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS BELGIUM (ASPIRE BLACK) | KB.INT00.473 |
| | | KEYBOARD 14_15KB-FV3 BLACK E88KS ARABIC/ENGLISH (ASPIRE BLACK) | KB.INT00.474 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS ARABIC/FRENCH (ASPIRE BLACK) | KB.INT00.475 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS NORDIC (ASPIRE BLACK) | KB.INT00.476 |
| | | KEYBOARD 14_15KB-FV3 BLACK E89KS ENGLISH/CANADIAN FRENCH (ASPIRE BLACK) | KB.INT00.477 |
| LCD Module | | | |
|  | | LCD CMO 15.4" WXGA GLARE N154I3-L03 LF 220NIT 8MS | LK.1540D.022 |
| | | LCD AUO 15.4" WXGA GLARE B154EW02-V7 W/O BRACKET, H/W CODE 3A LF 220NIT 8MS | LK.15405.028 |
| | | LCD AUO 15.4" WXGA GLARE B154EW08-V1 W/O BRACKET, HW 3A LF 220NIT 8MS | LK.15405.029 |
| | | LCD LPL 15.4" WXGA GLARE LP154WX4-TLB4 LF 220NIT 8MS | LK.15408.029 |

| Category | No. | Part Name and Description | Acer Part No. |
|---|---|---|---|
| MAINBOARD | | | |
| | | MAINBOARD AS5930G INTEL LF PGM45 ICH9 LF FOR MONTEVINA CPU WITH PR_ESATA | MB.AQ201.001 |
| | | MAINBOARD AS5930 INTEL LF GM45 ICH9 LF FOR MONTEVINA CPU WITH PR_ESATA | MB.AR501.001 |
| MEMORY | | | |
| | | SODIMM 1GB DDRII667 HYNIX HYMP112S64CP6-Y5 LF | KN.1GB0G.012 |
| | | SODIMM 1GB DDRII667 SAMSUNG M470T2864QZ3-CE6 | KN.1GB0B.016 |
| | | SODIMM 1GB DDRII667 INFINEON HYS64T128021EDL-3S LF | KN.1GB02.036 |
| | | SODIMM 1GB DDRII667 NANYA NT1GT64U8HB0BN-3C LF (0.09U) | KN.1GB03.014 |
| | | SODIMM 2GB DDRII667 ELPIDA EBE21UE8ACUA-6E-E LF | KN.2GB09.001 |
| | | SODIMM 2GB DDRII667 HYNIX HYMP125S64CP8-Y5 LF | KN.2GB0G.004 |
| | | SODIMM 2GB DDRII667 SAMSUNG M470T5663QZ3-CE6 LF | KN.2GB0B.003 |
| | | SODIMM 2GB DDRII667 MICRON MT16HTF25664HY-667E1 LF | KN.2GB04.001 |
| | | SODIMM 512MB DDRII667 HYNIX HYMP164S64CP6-Y5 LF | KN.5120G.024 |
| | | SODIMM 512MB DDRII667 NANYA NT512T64UH8B0FN-3C LF | KN.51203.032 |
| | | SODIMM 512MB DDRII667 SAMSUNG M470T6464QZ3-CE6 LF | KN.5120B.026 |
| MISCELLANEOUS | | | |
| | | NAME PLATE AS5930 | 47.AR501.001 |
| | | LOGO PLATE FOR LCD PANEL | 47.AR501.002 |
| SCREW | | | |
| | | IMS M2X4(H=0.3) | 86.00E13.524 |
| | | SCREW M2*L3 NYLOK CR 3+ | 86.00E25.723 |
| | | SCREW M2-3 | 86.9A522.3R0 |
| | | ISO M2.5X6(H=0.7~0.8MM) | 86.00E12.536 |
| | | M2.5*L10 BLACK ZN | 86.00F84.73A |
| | | SCREW MACH WAFER M3*L4 NI | 86.9A524.4R0 |

# Model Definition and Configuration

## Aspire 8730/8730Z/8530 Series

Please click the icon below for Aspire 8730/8730Z and Aspire 8530 model definition.
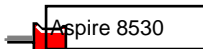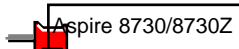
Aspire 8730/8730Z    Aspire 8530

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 -732G16 Mn | EMEA | Germany | LX.AU P0X.0 01 | AS5730- 732G16Mn VHP32ATD E1 MC UMACE 2*1G/160/ 6L/5R/ CB_n2_0.3 D_HG_DE1 3 | C2DP 7350 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 XS | SP1x2M MW | N | N |
| AS5730 Z- 322G16 Mn | PA | Canada | LX.AU G0X.0 17 | AS5730Z- 322G16Mn VHP32ATC A2 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_FR35 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | PA | Canada | LX.AU G0X.0 16 | AS5730Z- 322G16Mn VHP32ATC A2 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_FR33 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | PA | Canada | LX.AU G0X.0 15 | AS5730Z- 322G16Mn VHP32ATC A2 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_FR32 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | PA | Canada | LX.AU G0X.0 14 | AS5730Z- 322G16Mn VHP32ATC A2 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_FR31 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | PA | Canada | LX.AU G0X.0 13 | AS5730Z- 322G16Mn VHP32ATC A2 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_FR34 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-322G16 Mn | PA | USA | LX.AU G0X.0 12 | AS5730Z-322G16Mn VHP32ATU S1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_EN33 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | USA | LX.AU G0X.0 11 | AS5730Z-322G16Mn VHP32ATU S1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_EN35 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | USA | LX.AU G0X.0 10 | AS5730Z-322G16Mn VHP32ATU S1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_EN32 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | USA | LX.AU G0X.0 09 | AS5730Z-322G16Mn VHP32ATU S1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_EN34 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | ACLA-Portuguese | LX.AU G0X.0 08 | AS5730Z-322G16Mn VHP32ATX C2 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_XC22 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | ACLA-Portuguese | LX.AU G0X.0 07 | AS5730Z-322G16Mn EM VHP32ATX C2 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_XC21 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | ACLA-Portuguese | LX.AU G0X.0 06 | AS5730Z-322G16Mn EM VHP32ATX C1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_XC22 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-322G16 Mn | PA | ACLA-Portuguese | LX.AU G0X.0 05 | AS5730Z-322G16Mn VHP32ATX C1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_XC21 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | ACLA-Spanish | LX.AU G0X.0 04 | AS5730Z-322G16Mn VHP32ATE A3 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_ES21 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | ACLA-Spanish | LX.AU G0X.0 03 | AS5730Z-322G16Mn EM VHP32ATE A3 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_ES22 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | ACLA-Spanish | LX.AU G0X.0 02 | AS5730Z-322G16Mn EM VHP32ATE A1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_ES22 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | PA | ACLA-Spanish | LX.AU G0X.0 01 | AS5730Z-322G16Mn VHP32ATE A1 MC UMAE 1*2G/160/ 6L/5R/ CB_bgn_H G_ES21 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | N | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | Canada | LX.AU E0X.1 10 | AS5730Z-323G25Mn VHP32ATC A2 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_FR3 5 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | Canada | LX.AU E0X.1 9 | AS5730Z-323G25Mn VHP32ATC A2 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_FR3 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|-------|-----|---------|--------------|-------------|-----|-----|--------|--------|------------|-----|--------------|------------|------------|
| AS5730 Z-323G25 Mn | PA | Canada | LX.AU E0X.1 8 | AS5730Z-323G25Mn VHP32ATC A2 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_FR3 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | Canada | LX.AU E0X.1 7 | AS5730Z-323G25Mn VHP32ATC A2 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_FR3 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | EMEA | France | LX.AU E0Y.0 01 | AS5730Z-323G25Mn VHB32ATF R1 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_FR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | Canada | LX.AU E0X.1 06 | AS5730Z-323G25Mn VHP32ATC A2 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_FR3 4 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | USA | LX.AU E0X.1 05 | AS5730Z-323G25Mn VHP32ATU S1 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_EN3 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | USA | LX.AU E0X.1 04 | AS5730Z-323G25Mn VHP32ATU S1 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_EN3 5 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | USA | LX.AU E0X.1 03 | AS5730Z-323G25Mn VHP32ATU S1 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_EN3 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G25 Mn | PA | USA | LX.AU E0X.1 02 | AS5730Z-323G25Mn VHP32ATU S1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN3 4 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | South Africa | LX.AU E0X.0 37 | AS5730Z-323G32Mn EM VHP32ATZ A2 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 6 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | South Africa | LX.AU E0X.0 34 | AS5730Z-323G32Mn EM VHP32ATZ A1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Denmark | LX.AU E0X.0 35 | AS5730Z-323G32Mn VHP32ATD K1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_NO1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | France | LX.AU E0X.0 36 | AS5730Z-323G32Mn VHP32ATF R1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Germany | LX.AU E0X.0 33 | AS5730Z-323G32Mn VHP32ATD E1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_DE1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | ACLA-Portuguese | LX.AU E0X.1 01 | AS5730Z-323G25Mn VHP32ATX C2 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G25 Mn | PA | ACLA-Portuguese | LX.AU E0X.0 99 | AS5730Z-323G25Mn EM VHP32ATX C2 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | ACLA-Portuguese | LX.AU E0X.0 98 | AS5730Z-323G25Mn EM VHP32ATX C1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | ACLA-Portuguese | LX.AU E0X.0 97 | AS5730Z-323G25Mn VHP32ATX C1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | ACLA-Spanish | LX.AU E0X.0 96 | AS5730Z-323G25Mn VHP32ATE A3 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | ACLA-Spanish | LX.AU E0X.0 95 | AS5730Z-323G25Mn EM VHP32ATE A3 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | PA | ACLA-Spanish | LX.AU E0X.0 94 | AS5730Z-323G25Mn EM VHP32ATE A1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G25 Mn | PA | ACLA-Spanish | LX.AU E0X.0 93 | AS5730Z-323G25Mn VHP32ATE A1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Belgium | LX.AU E0X.0 32 | AS5730Z-323G32Mn VHP32ATB E1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_NL1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Holland | LX.AU E0X.0 31 | AS5730Z-323G32Mn VHP32ATN L1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_NL1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Luxembour g | LX.AU E0X.0 27 | AS5730Z-323G32Mn VHP32ATL U1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_IT42 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Norway | LX.AU E0X.0 28 | AS5730Z-323G32Mn VHP32ATN O1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_NO1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mi | EMEA | Russia | LX.AU E0X.0 29 | AS5730Z-323G32Mi VHP32ATR U1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bg_0.3 D_HG_RU1 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi BG | N | N |
| AS5730 Z-323G32 Mn | EMEA | Sweden/ Finland | LX.AU E0X.0 30 | AS5730Z-323G32Mn VHP32ATS E1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_FI12 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G32 Mn | EMEA | Czech | LX.AU E0X.0 24 | AS5730Z-323G32Mn VHP32ATC Z2 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_SK1 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Eastern Europe | LX.AU E0X.0 25 | AS5730Z-323G32Mn VHP32ATE U7 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_ENG 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | AAP | Australia/ New Zealand | LX.AU E0X.0 92 | AS5730Z-323G25Mn VHP32ATA U1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | AAP | Singapore | LX.AU E0X.0 91 | AS5730Z-323G25Mn VHP32ATS G1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | AAP | Singapore | LX.AU E0X.0 90 | AS5730Z-323G25Mn VHP32ATS G1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_ZH3 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | AAP | Singapore | LX.AU E0X.0 89 | AS5730Z-323G25Mn EM VHP32ATS G1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | AAP | India | LX.AU E0X.0 88 | AS5730Z-323G25Mn VHP32ATIN 1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G32 Mn | AAP | Indonesia | LX.AU E0X.0 87 | AS5730Z-323G25Mn VHP32ATID 1 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_ID21 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | AAP | Indonesia | LX.AU E0X.0 86 | AS5730Z-323G25Mn EM VHP32ATID 1 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_ID22 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | AAP | Indonesia | LX.AU E0X.0 85 | AS5730Z-323G25Mn VHP32ATID 1 MC UMACE 2G+1G/250/6L/5R/CB_bgn_0.3 D_HG_EN1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Eastern Europe | LX.AU E0X.0 26 | AS5730Z-323G32Mn VHP32ATE U6 MC UMACE 2G+1G/320/6L/5R/CB_bgn_0.3 D_HG_CS2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Eastern Europe | LX.AU E0X.0 23 | AS5730Z-323G32Mn VHP32ATE U3 MC UMACE 2G+1G/320/6L/5R/CB_bgn_0.3 D_HG_RU1 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Eastern Europe | LX.AU E0X.0 22 | AS5730Z-323G32Mn VHP32ATE U1 MC UMACE 2G+1G/320/6L/5R/CB_bgn_0.3 D_HG_CS2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Eastern Europe | LX.AU E0X.0 21 | AS5730Z-323G32Mn VHP32ATE U4 MC UMACE 2G+1G/320/6L/5R/CB_bgn_0.3 D_HG_FI12 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G32 Mn | EMEA | Eastern Europe | LX.AU E0X.0 20 | AS5730Z-323G32Mn VHP32ATE U3 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_RU2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Eastern Europe | LX.AU E0X.0 19 | AS5730Z-323G32Mn VHP32ATE U5 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_PL11 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Hungary | LX.AU E0X.0 17 | AS5730Z-323G32Mn VHP32ATH U1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_HU1 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Slovenia/ Croatia | LX.AU E0X.0 18 | AS5730Z-323G32Mn VHP32ATSI 1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Indonesia | LX.AU E0X.0 84 | AS5730Z-323G25Mn EM VHP32ATID 1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Philippines | LX.AU E0X.0 82 | AS5730Z-323G25Mn VHP32ATP H1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Philippines | LX.AU E0X.0 81 | AS5730Z-323G25Mn EM VHP32ATP H1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

Appendix A

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G25 Mn | AAP | Malaysia | LX.AU E0X.0 80 | AS5730Z-323G25Mn VHP32ATM Y1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Malaysia | LX.AU E0X.0 79 | AS5730Z-323G25Mn EM VHP32ATM Y1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Thailand | LX.AU E0X.0 78 | AS5730Z-323G25Mn VHP32ATT H1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_TH2 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Thailand | LX.AU E0X.0 77 | AS5730Z-323G25Mn EM VHP32ATT H1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_TH2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Portugal | LX.AU E0X.0 14 | AS5730Z-323G32Mn VHP32ATPT 1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_PT1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Spain | LX.AU E0X.0 15 | AS5730Z-323G32Mn VHP32ATE S1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Greece | LX.AU E0X.0 16 | AS5730Z-323G32Mn VHP32ATG R1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EL3 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G32 Mn | EMEA | Greece | LX.AU E0X.0 13 | AS5730Z-323G32Mn VHP32ATG R1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EL2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Israel | LX.AU E0X.0 12 | AS5730Z-323G32Mn VHP32ATIL 1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_HE1 1 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Italy | LX.AU E0X.0 11 | AS5730Z-323G32Mn VHP32ATIT 1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_IT12 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Turkey | LX.AU E0X.0 07 | AS5730Z-323G32Mn EM VHP32ATT R1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_TR3 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | | N |
| AS5730 Z-323G32 Mn | EMEA | Middle East | LX.AU E0X.0 08 | AS5730Z-323G32Mn EM VHP32ATM E9 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Vietnam | LX.AU E0X.0 76 | AS5730Z-323G25Mn VHP32ATV N1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G25 Mn | AAP | Vietnam | LX.AU E0X.0 75 | AS5730Z-323G25Mn EM VHP32ATV N1 MC UMACE 2G+1G/250/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N250 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G32 Mn | EMEA | Middle East | LX.AU E0X.0 09 | AS5730Z-323G32Mn EM VHP32ATM E2 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_AR1 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Middle East | LX.AU E0X.0 10 | AS5730Z-323G32Mn EM VHP32ATM E2 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EN15 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Middle East | LX.AU E0X.0 04 | AS5730Z-323G32Mn EM VHP32ATM E3 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Middle East | LX.AU E0X.0 05 | AS5730Z-323G32Mn EM VHP32ATM E6 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EN15 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Middle East | LX.AU E0X.0 06 | AS5730Z-323G32Mn EM VHP32ATM E2 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_AR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | Middle East | LX.AU E0X.0 03 | AS5730Z-323G32Mn EM VHP32ATM E4 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EN11 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-323G32 Mn | EMEA | Switzerland | LX.AU E0X.0 02 | AS5730Z-323G32Mn VHP32ATC H1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_IT42 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-323G32 Mn | EMEA | UK | LX.AU E0X.0 01 | AS5730Z-323G32Mn VHP32ATG B1 MC UMACE 2G+1G/320/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | PMDT 3200 | N15.4 WXGA G8 | SO2G BII6 | SO1G BII6 | N320 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | South Africa | LX.AU E0X.0 74 | AS5730Z-322G16Mn EM VHP32ATZ A2 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 6 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | South Africa | LX.AU E0X.0 73 | AS5730Z-322G16Mn EM VHP32ATZ A1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Denmark | LX.AU E0X.0 72 | AS5730Z-322G16Mn VHP32ATD K1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_NO1 3 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | France | LX.AU E0X.0 71 | AS5730Z-322G16Mn VHP32ATF R1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Germany | LX.AU E0X.0 70 | AS5730Z-322G16Mn VHP32ATD E1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_DE1 3 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730Z-322G16Mn | EMEA | Belgium | LX.AUE0X.069 | AS5730Z-322G16Mn VHP32ATBE1 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_NL13 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730Z-322G16Mn | EMEA | Holland | LX.AUE0X.068 | AS5730Z-322G16Mn VHP32ATNL1 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_NL12 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730Z-322G16Mn | EMEA | Luxembourg | LX.AUE0X.067 | AS5730Z-322G16Mn VHP32ATLU1 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_IT42 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730Z-322G16Mn | EMEA | Norway | LX.AUE0X.066 | AS5730Z-322G16Mn VHP32ATNO1 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_NO12 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730Z-322G16Mi | EMEA | Russia | LX.AUE0X.065 | AS5730Z-322G16Mi VHP32ATRU1 MC UMACE 2*1G/160/6L/5R/CB_bg_0.3 D_HG_RU11 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi BG | N | N |
| AS5730Z-322G16Mn | EMEA | Sweden/Finland | LX.AUE0X.064 | AS5730Z-322G16Mn VHP32ATSE1 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_FI12 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730Z-322G16Mn | EMEA | Czech | LX.AUE0X.063 | AS5730Z-322G16Mn VHP32ATCZ2 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_SK11 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-322G16 Mn | EMEA | Eastern Europe | LX.AU E0X.0 62 | AS5730Z-322G16Mn VHP32ATE U7 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_ENG 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Eastern Europe | LX.AU E0X.0 61 | AS5730Z-322G16Mn VHP32ATE U6 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_CS2 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Eastern Europe | LX.AU E0X.0 60 | AS5730Z-322G16Mn VHP32ATE U3 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_RU1 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Eastern Europe | LX.AU E0X.0 59 | AS5730Z-322G16Mn VHP32ATE U1 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_CS2 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Eastern Europe | LX.AU E0X.0 58 | AS5730Z-322G16Mn VHP32ATE U4 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_FI12 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Eastern Europe | LX.AU E0X.0 57 | AS5730Z-322G16Mn VHP32ATE U3 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_RU2 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Eastern Europe | LX.AU E0X.0 56 | AS5730Z-322G16Mn VHP32ATE U5 MC UMACE 2*1G/160/6L/5R/CB_bgn_0.3 D_HG_PL11 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-322G16 Mn | EMEA | Hungary | LX.AU E0X.0 55 | AS5730Z-322G16Mn VHP32ATH U1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_HU1 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Slovenia/ Croatia | LX.AU E0X.0 54 | AS5730Z-322G16Mn VHP32ATSI 1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Portugal | LX.AU E0X.0 53 | AS5730Z-322G16Mn VHP32ATPT 1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_PT1 2 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Spain | LX.AU E0X.0 52 | AS5730Z-322G16Mn VHP32ATE S1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 2 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Greece | LX.AU E0X.0 51 | AS5730Z-322G16Mn VHP32ATG R1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EL3 2 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Greece | LX.AU E0X.0 50 | AS5730Z-322G16Mn VHP32ATG R1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EL2 2 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Israel | LX.AU E0X.0 49 | AS5730Z-322G16Mn VHP32ATIL 1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_HE1 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z-322G16 Mn | EMEA | Italy | LX.AU E0X.0 48 | AS5730Z-322G16Mn VHP32ATIT 1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_IT12 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Turkey | LX.AU E0X.0 47 | AS5730Z-322G16Mn EM VHP32ATT R1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_TR3 2 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Middle East | LX.AU E0X.0 46 | AS5730Z-322G16Mn EM VHP32ATM E9 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 2 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Middle East | LX.AU E0X.0 45 | AS5730Z-322G16Mn EM VHP32ATM E2 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_AR1 3 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Middle East | LX.AU E0X.0 44 | AS5730Z-322G16Mn EM VHP32ATM E2 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 5 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z-322G16 Mn | EMEA | Middle East | LX.AU E0X.0 43 | AS5730Z-322G16Mn EM VHP32ATM E3 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_FR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5730 Z- 322G16 Mn | EMEA | Middle East | LX.AU E0X.0 42 | AS5730Z- 322G16Mn EM VHP32ATM E6 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 5 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | EMEA | Middle East | LX.AU E0X.0 41 | AS5730Z- 322G16Mn EM VHP32ATM E2 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_AR2 3 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | EMEA | Middle East | LX.AU E0X.0 40 | AS5730Z- 322G16Mn EM VHP32ATM E4 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 1 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | EMEA | Switzerland | LX.AU E0X.0 39 | AS5730Z- 322G16Mn VHP32ATC H1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_IT42 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5730 Z- 322G16 Mn | EMEA | UK | LX.AU E0X.0 38 | AS5730Z- 322G16Mn VHP32ATG B1 MC UMACE 2*1G/160/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | PMDT 3200 | N15.4 WXGA G8 | SO1G BII6 | SO1G BII6 | N160 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 581G12 Mi | WW | WW | S2.AS J0X.00 1 | AS5330- 581G12Mi VHP32AW W1 MC UMAC 1*1G/120/ BT/6L/5R/ CB_bg_0.3 D_HG_EN1 1 | CM58 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi BG | N | N |
| AS5330 - 571G12 Mn | AAP | Thailand | LX.AS J0Y.02 1 | AS5330- 571G12Mn VHB32ATT H1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_TH2 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5330 - 571G12 Mn | AAP | Thailand | LX.AS J0Y.02 0 | AS5330- 571G12Mn EM VHB32ATT H1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_TH2 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | AAP | Vietnam | LX.AS J0Y.01 9 | AS5330- 571G12Mn VHB32ATV N1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | AAP | Vietnam | LX.AS J0Y.01 5 | AS5330- 571G12Mn EM VHB32ATV N1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 3 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | PA | Canada | LX.AS J0Y.03 4 | AS5330- 571G12Mn VHB32ATC A2 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_FR3 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | PA | Canada | LX.AS J0Y.03 3 | AS5330- 571G12Mn VHB32ATC A2 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_FR3 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | PA | USA | LX.AS J0Y.03 2 | AS5330- 571G12Mn VHB32ATU S1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN3 4 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | PA | USA | LX.AS J0Y.03 1 | AS5330- 571G12Mn VHB32ATU S1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN3 3 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|-------|-----|---------|--------------|-------------|-----|-----|--------|--------|------------|-----|--------------|-----------|------------|
| AS5330 -571G12 Mn | PA | USA | LX.AS J0Y.03 0 | AS5330-571G12Mn VHB32ATU S1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN3 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | PA | ACLA-Portuguese | LX.AS J0Y.02 9 | AS5330-571G12Mn EM VHB32ATX C2 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | PA | ACLA-Portuguese | LX.AS J0Y.02 8 | AS5330-571G12Mn VHB32ATX C2 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | PA | ACLA-Portuguese | LX.AS J0Y.02 7 | AS5330-571G12Mn EM VHB32ATX C1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | PA | ACLA-Portuguese | LX.AS J0Y.02 6 | AS5330-571G12Mn VHB32ATX C1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_XC2 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | PA | ACLA-Spanish | LX.AS J0Y.02 5 | AS5330-571G12Mn VHB32ATE A3 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | PA | ACLA-Spanish | LX.AS J0Y.02 4 | AS5330-571G12Mn EM VHB32ATE A3 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5330 -571G12 Mn | PA | ACLA-Spanish | LX.AS J0Y.02 3 | AS5330-571G12Mn EM VHB32ATE A1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | PA | ACLA-Spanish | LX.AS J0Y.02 2 | AS5330-571G12Mn VHB32ATE A1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ES2 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Australia/ New Zealand | LX.AS J0Y.01 8 | AS5330-571G12Mn VHB32ATA U1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | New Zealand | LX.AS J0Y.01 7 | AS5330-571G12Mn VHB32ATN Z1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Singapore | LX.AS J0Y.01 6 | AS5330-571G12Mn VHB32ATS G1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Singapore | LX.AS J0Y.01 4 | AS5330-571G12Mn EM VHB32ATS G1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Singapore | LX.AS J0Y.01 3 | AS5330-571G12Mn VHB32ATS G1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ZH3 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5330 -571G12 Mn | AAP | India | LX.AS J0Y.01 2 | AS5330-571G12Mn VHB32ATIN 1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 XS | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Indonesia | LX.AS J0Y.01 1 | AS5330-571G12Mn VHB32ATID 1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 3 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Indonesia | LX.AS J0Y.01 0 | AS5330-571G12Mn EM VHB32ATID 1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Indonesia | LX.AS J0Y.01 9 | AS5330-571G12Mn EM VHB32ATID 1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ID22 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Indonesia | LX.AS J0Y.01 8 | AS5330-571G12Mn VHB32ATID 1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ID21 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Philippines | LX.AS J0Y.00 6 | AS5330-571G12Mn VHB32ATP H1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 3 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 -571G12 Mn | AAP | Philippines | LX.AS J0Y.00 5 | AS5330-571G12Mn EM VHB32ATP H1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

| Model | RO | Country | Acer Part no | Description | CPU | LCD | DIMM 1 | DIMM 2 | HDD 1 (GB) | ODD | Wireless LAN | Blueto oth | VOIP Phone |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AS5330 - 571G12 Mn | AAP | Malaysia | LX.AS J0Y.00 4 | AS5330- 571G12Mn VHB32ATM Y1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 3 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | AAP | Malaysia | LX.AS J0Y.00 3 | AS5330- 571G12Mn VHB32ATM Y1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ENC 1 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | AAP | Malaysia | LX.AS J0Y.00 2 | AS5330- 571G12Mn EM VHB32ATM Y1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_EN1 4 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |
| AS5330 - 571G12 Mn | AAP | Malaysia | LX.AS J0Y.00 1 | AS5330- 571G12Mn EM VHB32ATM Y1 MC UMACE 1*1G/120/ 6L/5R/ CB_bgn_0.3 D_HG_ENC 2 | CM57 5 | N15.4 WXGA G8 | SO1G BII6 | N | N120 GB5.4 KS | NSM8 X | 3rd WiFi 1x2 BGN | N | N |

# Test Compatible Components

This computer's compatibility is tested and verified by Acer's internal testing department. All of its system functions are tested under Windows® XP Home, Windows® XP Pro environment, Windows® Vista.

Refer to the following lists for components, adapter cards, and peripherals which have passed these tests. Regarding configuration, combination and test procedures, please refer to the Aspire 8730/8730Z/8530 series Compatibility Test Report released by the Acer Mobile System Testing Department.

# Microsoft® Windows® Vista Environment Test

| Item | Specification |
|---|---|
| **CRT Port Test** | |
| CRT Monitor | Acer 211c 21", ViewSonic G220F, ViewSonic PF790 19" |
| LCD Monitor | Acer FP751 17" TFT LCD, Acer AL1521, Acer AL1721, ViewSonic VD201b, Westinghouse W37G, HP LP2065, HP S9500 |
| Projector | Dell 3300MP |
| **USB Port Test** | |
| USB Keyboard/Mouse | Microsoft Natural Keyboard Pro<br>Dell USB Keyboard<br>Logicool USB Mouse (OWCM-USB)<br>Logitech USB Wheel Mouse<br>Logitech First Wheel Mouse<br>Dell by Logitech<br>Dell Internet Navigator Keyboard<br>Dell Smart Card Keyboard<br>HP USB Optical Austin Mouse<br>Belkin Miniglow Optical USB Mouse<br>HP USB Optical Mouse (RB129AA) |
| USB Speaker/Joystick | Aiwa Multimedia Digital Speaker (SC-UC78)<br>Panasonic USB Speaker EAB-MPC57USB |
| USB Storage Drive | Iomega USB Zip 250MB<br>Transcend 80G HDD<br>Plextor DVD+R/RW<br>LG DVD+R/RW<br>Sony DVD+R/RW |
| USB Camera | Intel Easy PC Camera (A20953-001)<br>Orange Micro USB 2.0 Web Cam |
| USB HUB and Others | A TEN UH-204<br>IOGEAR 4-Port Hub<br>Corega CG-WLUSBST11 |
| USB Printer/Scanner | HP 450WBT Deskjet Printer |
| USB Flash Drive | Sony Memory Key 128MB<br>Sony Micro Vault Pro USD-5G<br>IBM 128MB Memory Key<br>IBM 512MB Memory Key<br>Apacer Handy Drive<br>Apacer The USB Flash Drive 256MB |
| USB ODD | Logitec CDRW+DVDROM combo<br>LG DVD+R/RW<br>Sony DVD+R/RW |
| 1394 Camera | Sony DV-TRV10 |
| Access Point 802.11a | Intel Pro/Wireless 5000<br>NetGear HE 102 |
| Access Point 802.11g | D-Link Building Networks People WiFi Certified a/b/g Wireless 108AG |
| Access Point 802.11n | Belkin N1MIMO Wireless Router High Performance wireless 802.11n |
| Bluetooth Device | Sony Ericsson Wireless Headset<br>Sony Ericsson T610<br>X Bridge Bluetooth Access Point BT300 |

| Item | Specification |
|---|---|
| **PCMCIA Test** | |
| LAN/Modem Card | TDK CardBus Ethernet 10/100 32-Bit CBE-10/100BTX |
| Storage Card | Hitachi Microdrive 4G |
| 1394 Card | Buffalo 1394 Interface Cardbus (IFC-ILCB/DV) |
| USB2.0 Card | IBM EtherJet CardBus Adapter 10/100 |
| Wireless Lan Card<br><br>(Not recommended for wireless ready model) | Cisco Wireless LAN Card 802.11a<br><br>NETGEAR Wireless LAN card 802.11a |
| ISDN Card | Toshiba Type B for Bluetooth 128K ISDN Card |
| GPRS Card | Vodafone QL1ACC-21581 3G/GPRS card<br>Sony Ericsson GC83 GPRS card<br>Sony Ericsson GC89 GPRS card |
| **ExpressCard Test** | |
| Express Card | Abcom 5-in-1 Adapter ExpressCard Reader<br>Abcom GigaLan ExpressCard<br>Sunix ECF2400 2 Ports 1394A ExpressCard |
| **Memory Card Test (SD/MS/MMC/SM/CF/Microdrive/XD)** | |
| SD Card | Apacer 128/256MB<br>SanDisk 256MB<br>Apacer 2GB (150x Hi-Speed)<br>KINGMAX 1GB (66x Hi-Speed)<br>SanDisk 1GB<br>RiDATA 4GB SD PRO Memory Card |
| MS Card | Sony 512 MS PRO<br>Lexar 512MB MS PRO<br>Lexar 1GB MS PRO<br>Sony 2GB MS PRO |
| MMC Card | SanDisk 32MB<br>Transcend 64/128MB<br>Transcend 256MB<br>SanDisk RS-MMC 128MB<br>PQI RS-MMC 256MB<br>Transcend 512MB<br>A-DATA Turbo 200X 2GB MMC Card |
| XD Card | Apacer 256/512MB<br>SanDisk 2GB<br>Olympus 512MB |
| CF Card | Apacer 256/512<br>SanDisk 2GB |

# Online Support Information

This section describes online technical support services available to help you repair your Acer Systems.

If you are a distributor, dealer, ASP or TPM, please refer your technical queries to your local Acer branch office. Acer Branch Offices and Regional Business Units may access our website. However some information sources will require a user i.d. and password. These can be obtained directly from Acer CSD Taiwan.

Acer's Website offers you convenient and valuable support resources whenever you need them.

In the Technical Information section you can download information on all of Acer's Notebook, Desktop and Server models including:

- Service guides for all models
- User's manuals
- Training materials
- Bios updates
- Software utilities
- Spare parts lists
- TABs (Technical Announcement Bulletin)

For these purposes, we have included an Acrobat File to facilitate the problem-free downloading of our technical material.

Also contained on this website are:

- Detailed information on Acer's International Traveller's Warranty (ITW)
- Returned material authorization procedures
- An overview of all the support services we offer, accompanied by a list of telephone, fax and email contacts for all your technical queries.

We are always looking for ways to optimize and improve our services, so if you have any suggestions or comments, please do not hesitate to communicate these to us.