Aspire 4535/4535G/4235 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

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Revision History

Please refer to the table below for the updates made on Aspire 4535/4535G/4235 Series service guide.

Date	Chapter	Updates

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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 features:

NOTE: Items marked with * denote only selected models.

Operating System

- Genuine Windows® Vista™

Platform

- AMD Better By Design Program, featuring:
  - AMD Turion™ X2 Ultra dual-core processor*
  - AMD Turion™ X2 dual-core processor*
  - AMD Athlon™ 64 X2 dual-core processor*
  - Mobile AMD Sempron™ 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*
- Up to 4 GB of DDR2 667 MHz memory, upgradeable to 8 GB using two soDIMM modules*

Display and graphics

- Display
  - 16:9 aspect ratio
  - 14" HD 1366 x 768
- Graphics
  - ATI Radeon™ HD 3200 Graphics*
  - ATI Mobility Radeon™ HD 4570*

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*
- 5-in-1 card reader

Audio

- Dolby®-optimized surround sound system with two built-in stereo speakers

- True 5.1-channel surround sound output
- High-definition audio support
- S/PDIF (Sony/Philips Digital Interface) support for digital speakers
- Acer PureZone technology with two built-in stereo microphones
- MS-Sound compatible

Communication

- Acer Video Conference, featuring:
  - Integrated Acer Crystal Eye webcam*
  - Acer PureZone technology
- WLAN:
  - 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

Dimensions and Weight

- 342 (W) x 239 (D) x 23/38.6 (H) mm (13.4 x 9.4 x 0.9/1.5 inches)
- 2.3 kg (5.07 lbs.) with 6-cell battery pack

Privacy control

- Acer Bio-Protection fingerprint solution*
- BIOS user, supervisor, HDD passwords
- Kensington lock slot

Power subsystem

- ACPI 3.0
- 48.8 W 4400 mAh
- 3-pin 65 W AC adapter*
- 3-pin 90 W AC adapter*
- ENERGY STAR®*

Special keys and controls

- 86-/87-/91-key keyboard
- Touchpad pointing device

I/O interface

- Acer Bio-Protection fingerprint reader
- 5-in-1 card reader (SD/MMC/MS/MS PRO/xD)
- USB 2.0 ports•HDMI™ port with HDCP support
- External display (VGA) port
- Headphones/speaker/line-out jack with S/PDIF support
- Microphone-in jack
- Line-in jack
- Ethernet (RJ-45) port

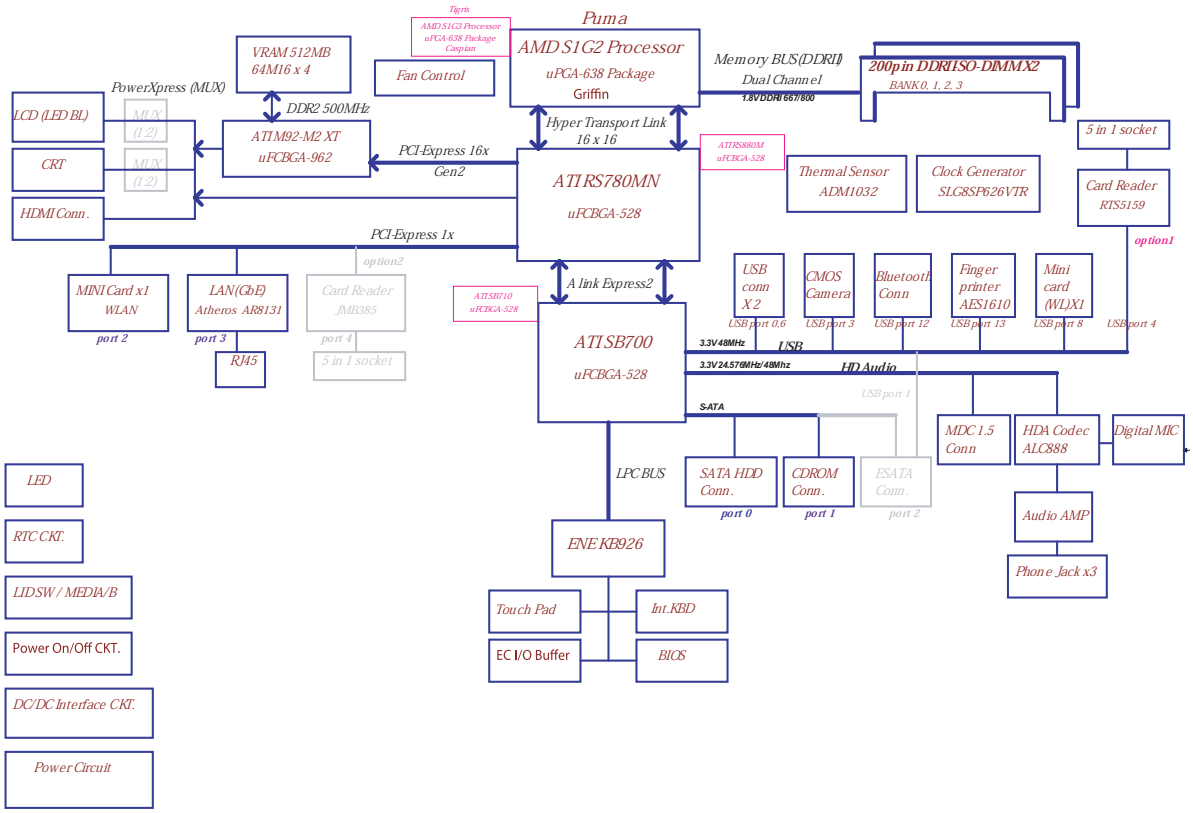
- Modem (RJ-11) port
- DC-in jack for AC adapter

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: Items marked with * denote only selected models. The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.

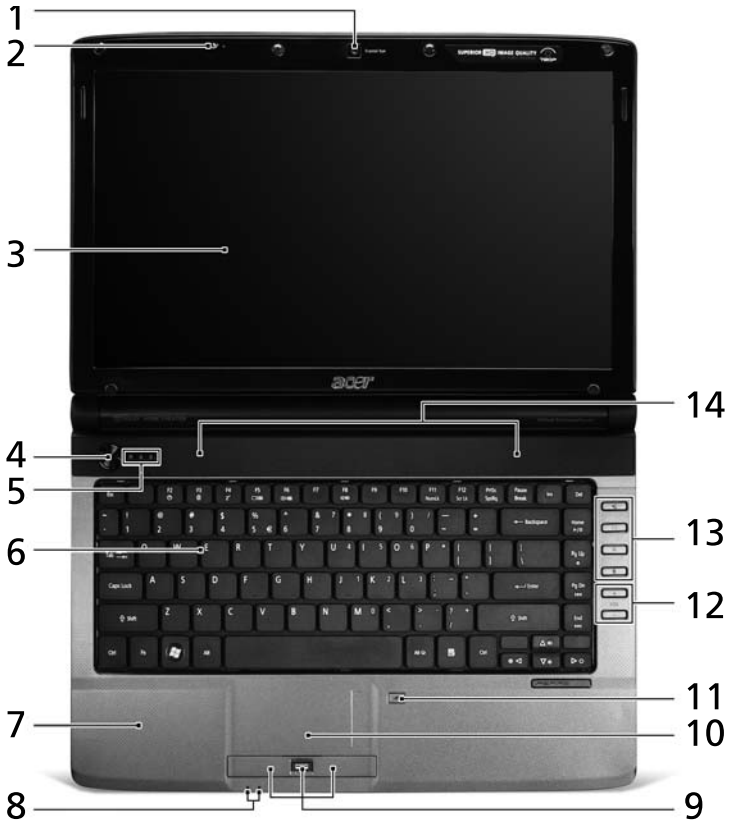
System Block Diagram



Your Acer Notebook tour

Following is a description of the functions and features available with this model.

Front View



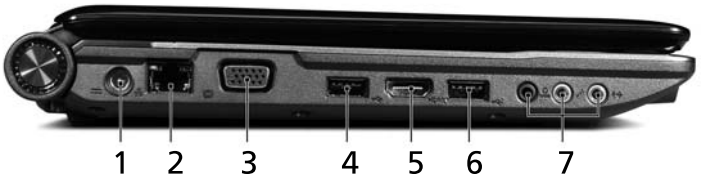
No.	Icon	Item	Description
1		Acer Crystal Eye webcam	Web camera for video communication (only for certain models).
2		Microphone	Internal microphone for sound recording.
3		Display screen	Also called Liquid-Crystal Display (LCD), displays computer output (Configuration may vary by models).
4		Power button	Turns the computer on and off.
5		HDD	Indicates when the hard disk drive is active.
		Num Lock	Lights up when Num Lock is activated.
		Caps Lock	Lights up when Caps Lock is activated.
6		Keyboard	For entering data into your computer.

No.	Icon	Item	Description
7		Palmrest	Comfortable support area for your hands when you use the computer.
8		Power	Indicates the computer's power status.
		Battery	Indicates the computer's battery status. 1. Charging: The light shows amber when the battery is charging. 2. Fully charged: The light shows blue when in AC mode.
9		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).
10		Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
11		Touchpad toggle	Turns the internal touchpad on and off.
12	+/-	Volume Up/ Volume Down	Increase system volume/decrease system volume.
13	P	Programmable Key	User-Programmable
		Backup Key	Launches Acer Backup Management for three-step data backup.
		Wireless LAN Communication button / Indicator	Enables/disables the wireless LAN function. Indicates the status of wireless LAN communication.
		Bluetooth Communication button/indicator	Enables/disables the Bluetooth function. Indicates the status of Bluetooth communication. (only for certain models)
14		Speakers	Left and right speakers deliver stereo audio output.

Closed Front View

No.	Icon	Item	Description
1		6-in-1 card reader	Accepts Secure Digital (SD), MultiMediaCard (MMC), MultiMediaCardplus™(MMCplus™), Memory Stick (MS), Memory Stick Pro (MS PRO), and xD-Picture Card. **Note:** Push to remove/install the card. Only one card can operate at any given time.

Left View



No.	Icon	Item	Description
1		DC in jack	Connects to an AC adapter
2		Ethernet (RJ-45) port	Connects to an Ethernet 10/100/1000-based network.
3		External display (VGA) port	Connects to a display device (e.g. external monitor, LCD projector).
5		USB 2.0 port	Connect to USB 2.0 devices (e.g. USB mouse, USB camera)
4	HDMI	HDMI port	Supports high definition digital video connections (only for certain models).
6		USB 2.0 port	Connect to USB 2.0 devices (e.g. USB mouse, USB camera).
7	SPDIF	Headphones/ speaker/line-out jack with S/PDIF support	Connects to audio line-out devices (e.g., speakers, headphones).
		Microphone jack	Accepts inputs from external microphones.
		Line-in jack	Accepts audio line-in devices (e.g., audio CD player, stereo walkman, mp3 player).

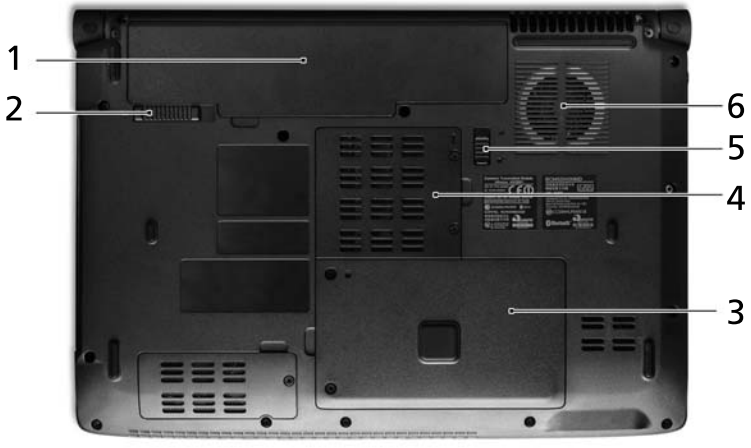
Right View

No.	Icon	Item	Description
1		USB 2.0 port	Connect 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 into 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		Kensington lock slot	Connects to a Kensington-compatible computer security lock.

Rear View

No.	Item	Description
1	Ventilation slots	Enable the computer to stay cool, even after prolonged use.

Bottom View



No.	Icon	Item	Description
1		Battery bay	Houses the computer's battery pack.
2		Battery release latch	Releases the battery for removal.
3		Hard disk bay	Houses the computer's hard disk (secured with screws).
4		Memory compartment	Houses the computer's main memory.
5		Battery lock	Locks the battery in position.
6		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.

Easy-Launch Buttons

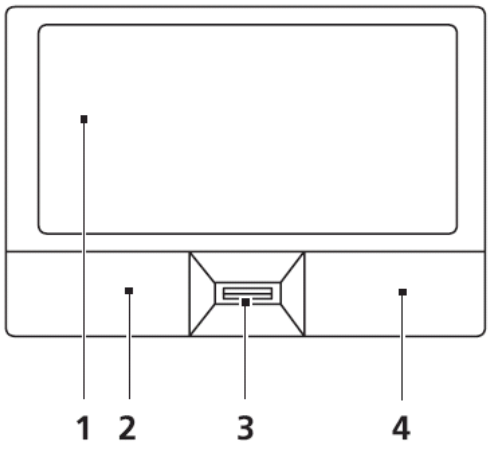
Located beside the keyboard are application buttons. These buttons are called easy-launch buttons. They are: WLAN, Internet, email, Bluetooth, Arcade and Acer Empowering Technology.

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.

Icon	Function	Description
	Wireless communication switch	Enables/disables the wireless function.
	Web browser	Internet browser (user-Programmable)
	Mail	Email application (user-Programmable)
	Bluetooth communication switch	Enables/disables the Bluetooth function.
	Empowering Technology	Launch Acer Empowering Technology. (user-programmable)

Touchpad Basics (with fingerprint reader)

The following items show you how to use the touchpad with Acer Bio-Protection fingerprint reader:



- Move your finger across the touchpad (1) to move the cursor.
- Press the left (2) and right (4) 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.
- Use Acer Bio-Protection fingerprint reader (3) supporting Acer FingerNav 4-way control function (only for certain models) or the 4-way scroll (3) button (only for certain models) to scroll up or down and move left or right a page. This fingerprint reader or button mimics your cursor pressing on the right scroll bar of Windows applications.

Function	Left Button (2)	Right Button (4)	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: 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 too hard will not increase the touchpad's responsiveness.

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.
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 keycaps. 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. It can also be used with other keys to provide a variety of functions: <Win>**:** Open or close the Start menu <Win> **+ <D>:** Display the desktop <Win> **+ <E>:** Open Windows Explore <Win> + **<F>:** Search for a file or folder <Win> + **<G>:** Cycle through Sidebar gadgets <Win> + **<L>:** Lock your computer (if you are connected to a network domain), or switch users (if you're not connected to a network domain) <Win> + **<M>:** Minimizes all windows <Win> **+ <R>:** Open the Run dialog box <Win> + **<T>:** Cycle through programs on the taskbar <Win> **+ <U>:** Open Ease of Access Center <Win> + **<X>:** Open Windows Mobility Center <Win> + **<BREAK>: Display** the System Properties dialog box <Win> **+ <SHIFT+M>:** Restore minimized windows to the desktop <Win> **+ <TAB>:** Cycle through programs on the taskbar by using Windows Flip 3-D <Win> **+ <SPACEBAR>:** Bring all gadgets to the front and select Windows Sidebar **<CTRL> +** <Win> **+ <F>:** Search for computers (if you are on a network) **<CTRL> +** <Win> **+ <TAB>:** Use the arrow keys to cycle through programs on the taskbar by using Windows Flip 3-D **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.

Special Key

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. Hold <Alt Gr> and then press the <5> key at the upper-center of the keyboard.

NOTE: 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. Hold **<Shift>** and then press the **<4>** key at the upper-center of the keyboard.

NOTE: This function varies by the operating system version.

Using the System Utilities

Acer Bio-Protection (only for certain models) Acer Bio-Protection Fingerprint Solution is a multi-purpose fingerprint software package integrated with the Microsoft Windows operating system. Utilizing the uniqueness of one's fingerprint features, Acer Bio-Protection Fingerprint Solution has incorporated protection against unauthorized access to your computer with centralized password management with Password Bank, easy music player launching with Acer MusicLaunch, secure Internet favorites via Acer MyLaunch, and fast application/website launching and login with Acer FingerLaunch, while Acer ProfileLaunch can launch up to three applications/websites from a single finger swipe.

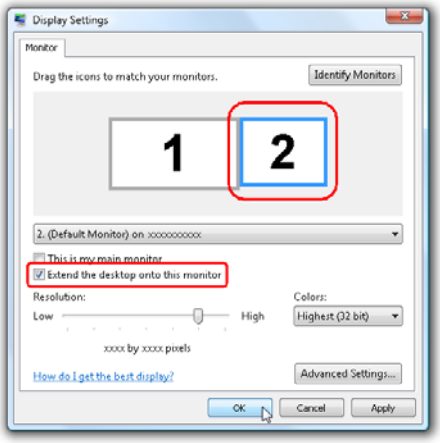
Acer Bio-Protection Fingerprint Solution also allows you to navigate through web browsers and documents using Acer FingerNav. With Acer Bio-Protection Fingerprint Solution, you can now enjoy an extra layer of protection for your personal computer, as well as the convenience of accessing your daily tasks with a simple swipe of your finger!

For more information refer to the Acer Bio-Protection help files.

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.



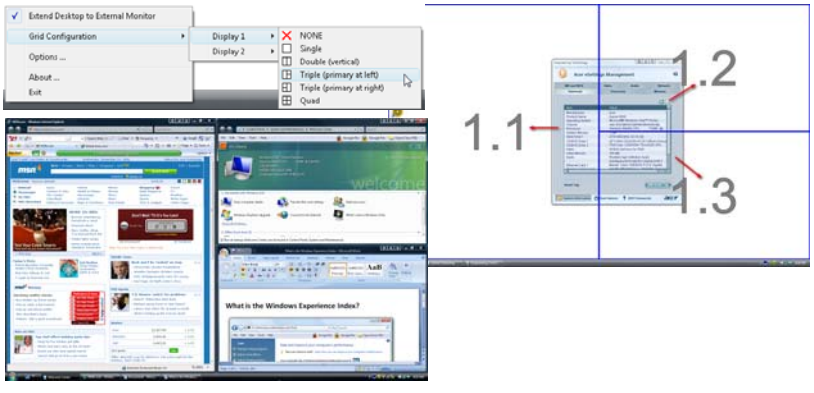
Acer GridVista is a handy utility that offers four pre-defined display settings so you can view multiple windows on the same screen. To access this function, please go to **Start→ All Programs** and click on **Acer GridVista**. You may choose any one of the four display settings indicated below:

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	AMD Griffin Turion and Sempron
Core Logic	• AMD RS780MN • AMD SB700 • ENE KB926 for Keyboard Controller, Battery management Unit • Integrated VGA solution for RS780MN/M92M2-XT • REALTEK ALC888 for High Definition Audio Code. • Atheros AR8131-AL1E for Giga LAN
CPU Package	uPGA-638 package CPU

Processor Specifications

Processor #	CPU Speed	Cores	Bus Speed	Mfg Tech	Cache Size	Package	Core Voltage	Acer P/N

System Board Major Chips

Item	Specifications
Core logic	• AMD RS780MN • AMD SB700
VGA	• Integrated VGA solution for RS780MN • M92M2-XT
LAN	Atheros AR8131-AL1E
Audio Codec	REALTEK ALC888

CPU Fan True Value Table

CPU Temperature (°C)		Fan Speed (rpm)	SPL Spec (dBA)
Core1	Core 2		
50	50	2800	28
59	59	3100	31
68	68	3400	34
76	76	4000	37
85	85	4500	40

- Throttling 50%: On =95°C; Off=87°C
- OS Shut down: 100°C
- H/W Shut down: 92°C

BIOS ROM

Item	Specification
BIOS Vendor	Phoenix BIOS
BIOS Version	V0.06
BIOS ROM Type	Flash ROM
BIOS ROM Size	1MB
Supported Protocols	SMBIOS 2.3
BIOS Password control	Yes
Features	• Support Acer UI • Support multi-boot • Suspend to RAM (S3)/Disk (S4) • Various hot-keys for system control • Support SMBIOS 2.3, PCI2.2 • DMI utility for BIOS serial number configurable/asset tag • Support PXE • Support Win Flash • Wake on LAN from S3 • Wake on LAN form S5 in AC mode • System information

System Memory

Item	Specifications
Memory Controller	Built-in
Memory Size	0MB (no on-board memory)
DIMM socket number	2
Supports Memory size per socket	2GB
Support maximum memory size	4GB
Support DIMM type	DDR II SDRAM
Support DIMM Speed	667/800MHz
Support DIMM voltage	+1.8V
Support DIMM package	200-pin
VGA Memory	64/128/256MB
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.

Hard Disk Drive Interface

Item	Specifications			
Vendor & Model Name	Hitachi HTS545050B9A300	Hitachi HTS545032B9A300	Hitachi HTS545025B9A300	Hitachi HTS545016B9A300
Capacity (MB)	500	320	250	160
Bytes per sector	512			
Data heads	4	3	2	2
Drive Format				
Disks	2	2	1	1
Spindle speed (RPM)	5400			
Performance Specifications				
Buffer size	8MB			
Interface	SATA			
Internal transfer rate (Mbits/sec, max)	3GB/s maximum			
I/O data transfer rate (Mbytes/sec max)	875 Mbits/s maximum			845 Mbits/s maximum
DC Power Requirements				
Voltage	+5.0V ± 5%.			

Item	Specifications			
Vendor & Model Name	Seagate ST9160310AS	Seagate ST9250315AS	Seagate ST9320320AS	Seagate ST9500325AS
Capacity (MB)	160	250	320	500
Bytes per sector	512	512	512	512
Data heads	2	2	4	4
Drive Format				
Disks	1	1	2	2
Spindle speed (RPM)	5400	5400	5400	5400
Performance Specifications				
Buffer size	8 MB	8 MB	8MB	8 MB
Interface	SATA	SATA	SATA	SATA
Internal transfer rate (Mbits/sec, max)	830	1175	830	1175
I/O data transfer rate (Mbytes/sec max)	875 Mbits/s maximum			845 Mbits/s maximum
DC Power Requirements				
Voltage	+5.0V ± 5%.			

Item	Specifications			
Vendor & Model Name	Toshiba MK1655GSX	Toshiba MK2555GSX	Toshiba MK3255GSX	Toshiba MK5055GSX
Capacity (MB)	160	250	320	500
Bytes per sector	512	512	512	512
Data heads	2	2	4	4
Drive Format				
Disks	1	1	2	2
Spindle speed (RPM)	5400			
Performance Specifications				
Buffer size	8MB			
Interface	SATA			
Internal transfer rate (Mbits/sec, max)	363 ~ 952 typical			
I/O data transfer rate (Mbytes/sec max)	300			
DC Power Requirements				
Voltage	5V ±5%			

Item	Specifications			
Vendor & Model Name	Western Digital WD1600BEVT-22ZCTO	Western Digital WD2500BEVT-22ZCT0	Western Digital WD3200BEVT-22ZCT0	Western Digital WD5000BEVT-22ZAT0
Capacity (MB)	160	250	320	500
Bytes per sector	512			
Data heads	2	4	3	4
Drive Format				
Disks	1	2	2	2
Spindle speed (RPM)	5400			
Performance Specifications				
Buffer size	8 MB			
Interface	SATA			
Internal transfer rate (Mbits/sec, max)	N/A			
I/O data transfer rate (Mbytes/sec max)	300			
DC Power Requirements				
Voltage	5V ±5%			

Super-Multi Combo Module

Item	Specification			
Vendor & model name	TOSHIBA TS-L633B	PANASONIC UJ880A	SONY AD-7590S	PLDS DS-8A3S
Performance Specification				
Transfer rate (MB/sec)	10.8	N/A	N/A	N/A
Buffer Memory	2MB	N/A	N/A	2MB
Interface	SATA			
Applicable disc format	DVD+/-RW			
Loading mechanism	Drawer-Type			
Power Requirement				
Input Voltage	DC 5 V +/- 5%			

LCD 14”

Item	Specification			
Vendor/model name	• Samsung LTN140AT01-G01 • AUO B140XW01 • LG LP140WH1 • CMO N140B6 - L02			
Screen Diagonal (mm)	355.6 (14.0”)			
Display Area (mm)	309.399(H) X 173.952(V)			
Display resolution (pixels)	1366 x 768			
Pixel Pitch	0.2265(H) x 0.2265(V)			
Display Mode	Normally white			
Typical White Luminance (cd/m^2) (also called Brightness)	220 (typ.)			
Contrast Ratio (typical)	500			
Response Time (Optical Rise Time/Fall Time) msec	8 (typ.)			
Input Voltage	3.3V ±0.3V			
Typical Power Consumption (watt)	5W (max.)			
Weight	375g (max.)			
Physical Size (mm)	324.0(H) x 192.5(V) x 5.2(D)			
Electrical Interface	LVDS			
Support Color	262,144			
Viewing Angle (degree)			Min.	Typ.
	Horizontal	CR => 10	40	45
			40	45
	Vertical		10	15
			25	30
Temperature Range (°C) Operating Storage (shipping)	 0 to 50°C -20 to 60°C			

VGA Graphic Controller

Item	Specification
Type	AMD M92XT
Manufacturing Tech.	55 nm
Form Factor	29mm*29mm
Package	M2

Keyboard

Item	Specification
Keyboard Controller	ENE KB926
Total number of keypads	86-/87-/91-key keyboard
Windows logo key	Yes
Internal & external keyboard work simultaneously	Yes

Audio Interface

Item	Specification
Audio Controller	Realtek ALC888 Azalia Codec
Features	• HD Audio • 97dB SNR DACs & 90dB SNR ADCs • Ten DAC channels support 16/20/24-bit PCM format for 7.1 sound playback, plus 2channels of independent stereo sound output (multiple streaming) through the front panel output • Two stereo ADCs support 16/20/24-bit PCM format, one for stereo microphone, one for legacy mixer recording • All DACs supports 44.1k/48k/96k/192kHz sample rate • All ADCs support 44.1k/48k/96k sample rate • Two independent 16/20/24-bit S/PDIF-OUT converters support 44.1k/48k/96k/192kHzsample rate, one for nominal digital audio, the other one for digital audio output to HDMI transmitter • Enable VoIP function • Subwoofer support

LAN

Item	Specification
Type	Atheros AR8131-AL1E
Features	

Bluetooth

Item	Specification
Type	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
Supported Protocols	1.1, 1.2 & 2.0 + EDR (Extended Data Rate)
Transfer Rate (max.)	3.0Mbps

Finger Print Reader

Item	Specification
Type	Authentec AES1610
Power	3.0V – 3.6V single supply
Detection Matrix	• 128 x 8 pixels @ 500 ppi • 6.5mm x 0.41mm array size
Features	• Advanced security • Next generation anti-spoofing protection • Fast Finger Motion Capture • TPM v1.2 support • Graphical or scroll navigation • Unequaled “ability to acquire”

WLAN

Item	Specification
Vendor and Model	Foxconn Atheros AR5B91
Protocol	
Interface	
Antenna	PIFA

Battery

Item	Specifications (3S2P)
Vendor & model name	• SONY AS-2007A • Panasonic AS-2007A • Simplo AS-2007A • Sanyo AS-2007A
Battery Type	Li-ion
Pack capacity	4400 mAh
Number of battery cell	6
Package configuration	3S2P

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.

Navigating the BIOS Utility

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

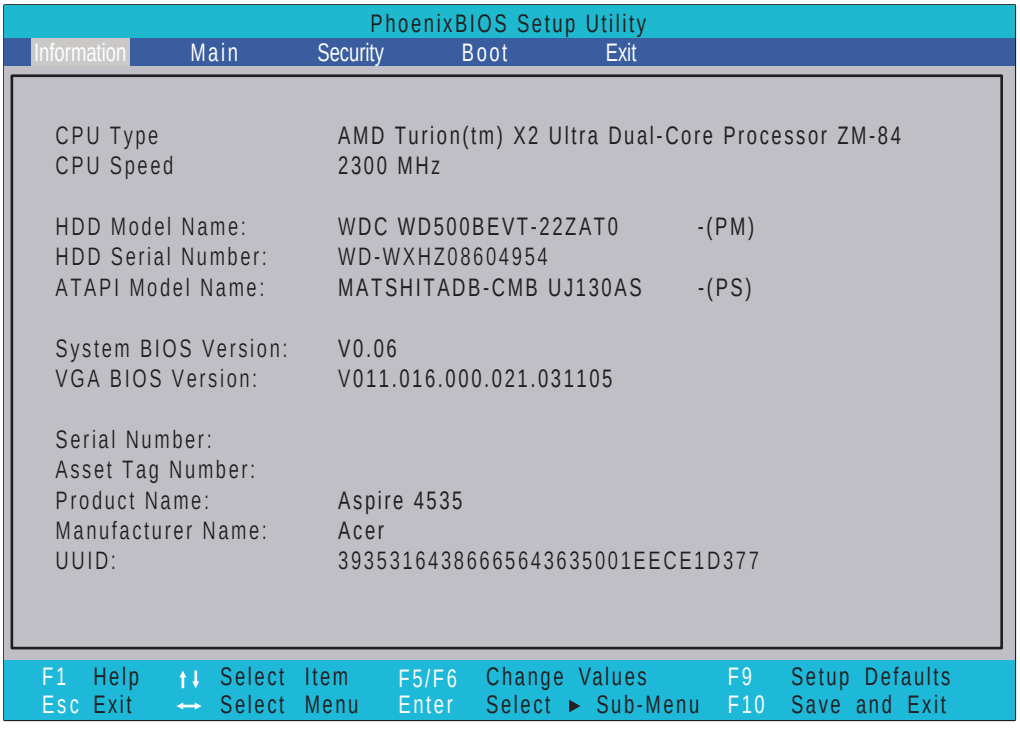
Follow these instructions:

- 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.

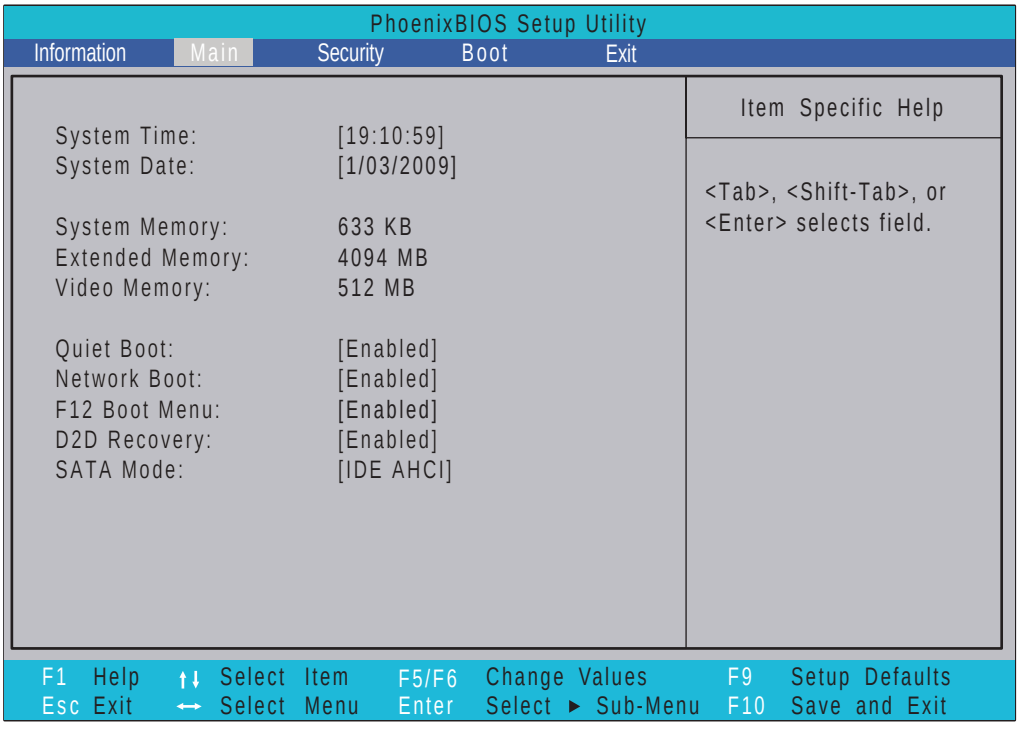


NOTE: The system information is subject to different models.

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.
HDD Model Name	This field shows the model name of HDD installed on primary IDE master.
HDD Serial Number	This field displays the serial number of HDD installed on primary 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.
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.



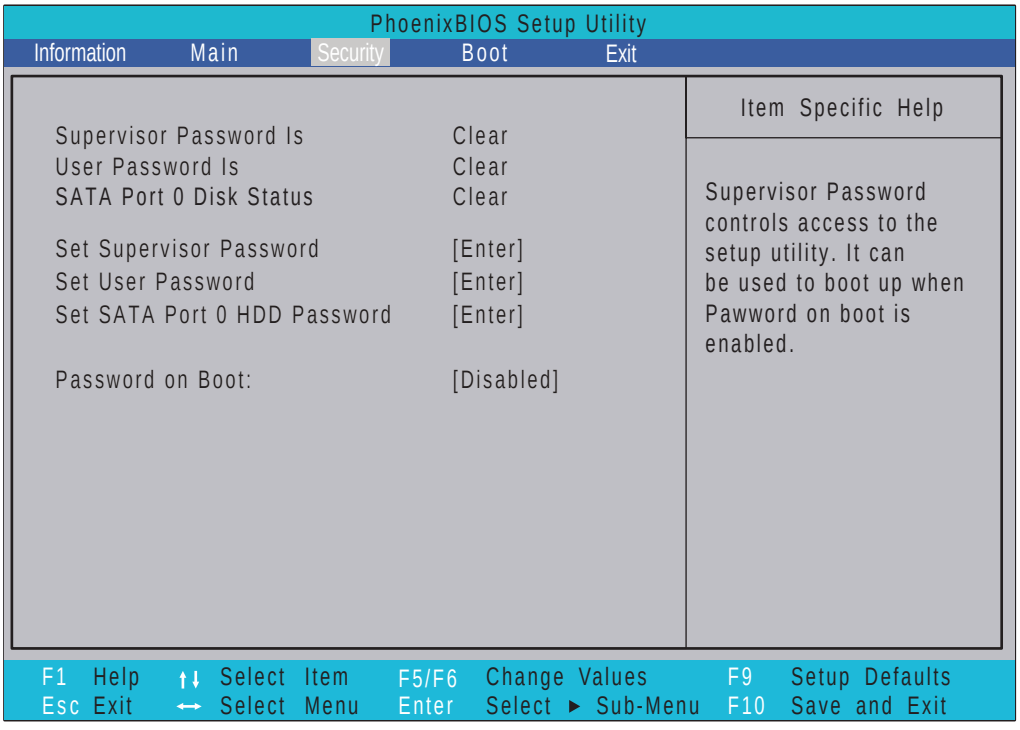
NOTE: The screen above is for your reference only. Actual values may differ.

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 Date	Sets the system date.	Format MM/DD/YYYY (month/day/year)
System Memory	This field reports the system memory size. Memory size is fixed to 633 MB.	N/A
Extended Memory	This field reports the extended memory size. Memory size is fixed to 4094 MB.	N/A
Video Memory	This field reports the video Memory size.	N/A
Quick Boot	Enables the boot sequence to skip some processes to boot up more quickly.	Option: **Enabled** or Disabled
Network Boot	Enables, disables the system boot from LAN (remote server).	Option: **Enabled** or Disabled
F12 Boot Menu	Enables or disables the **Press <F12> to display boot menu** message during startup.	Option: Enabled or **Disabled**
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: **ACHI** or IDE

Security

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



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

NOTE: 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.

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
SATA Port 0 Disk Status	Shows the setting of the hard disk password.	Clear, Set, or **Frozen**
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.	N/A
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 cannot change parameters.	N/A
Set Hdd Password	Press Enter to set the Hdd password. When Hdd password is set, this password protects the Hdd from unauthorized access.	N/A
Power on password	Defines whether a password is required or not while the system powers on.	**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 ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Supervisor Password box appears:

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.

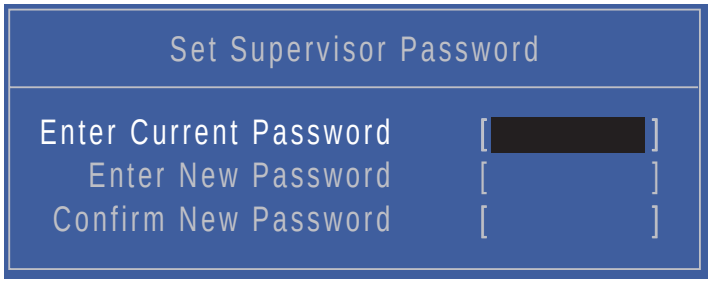
IMPORTANT: Be very careful when typing your password because the characters do not appear on the screen.

3. Press **Enter**. 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 F10 to save the changes and exit the BIOS Setup Utility.

Removing a Password

Follow these steps:

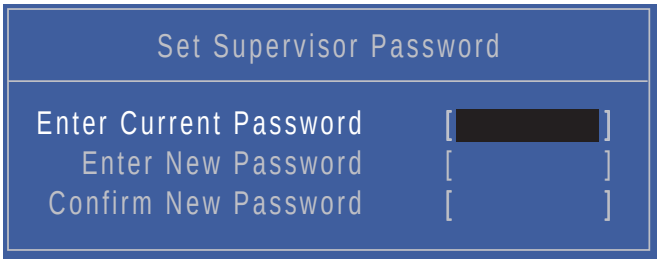
1. Use the ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Password box appears:



2. Type the current password in the Enter Current Password field and press **Enter**.
3. Press **Enter** 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 ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Password box appears.



2. Type the current password in the Enter Current Password field and press **Enter**.
3. Type a password in the Enter New Password field. Retype the password in the Confirm New Password field.
4. Press **Enter**. 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 F10 to save the changes and exit the BIOS Setup Utility.

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

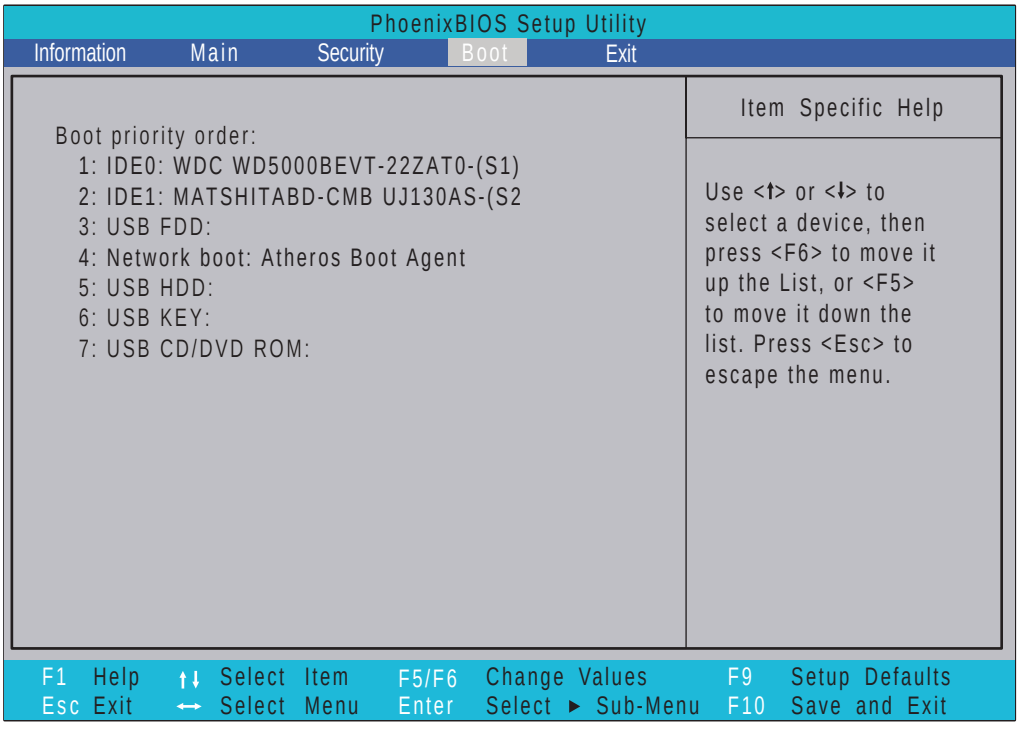
The password setting is complete after the user presses **Enter**.

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

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

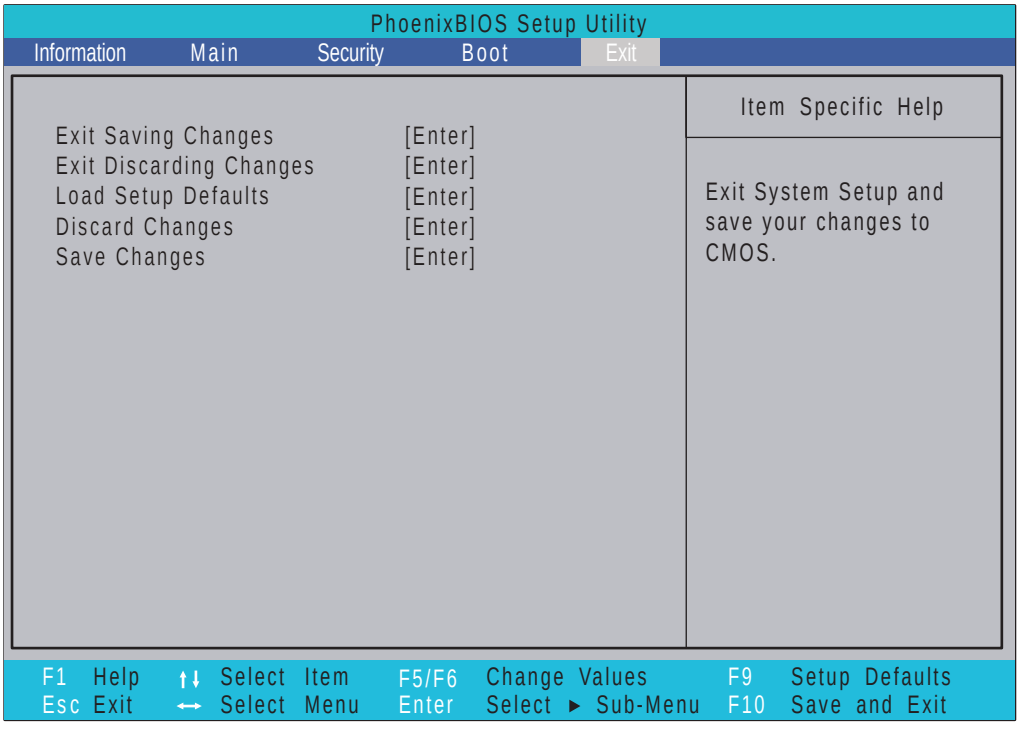
Boot

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



Exit

The Exit screen allows you to save or discard any changes you made and quit the BIOS Utility.



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 Utilities

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 Phlash 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 Phlash utility.

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

NOTE: Please use the AC adaptor power supply when you run the Phlash 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 Phlash.

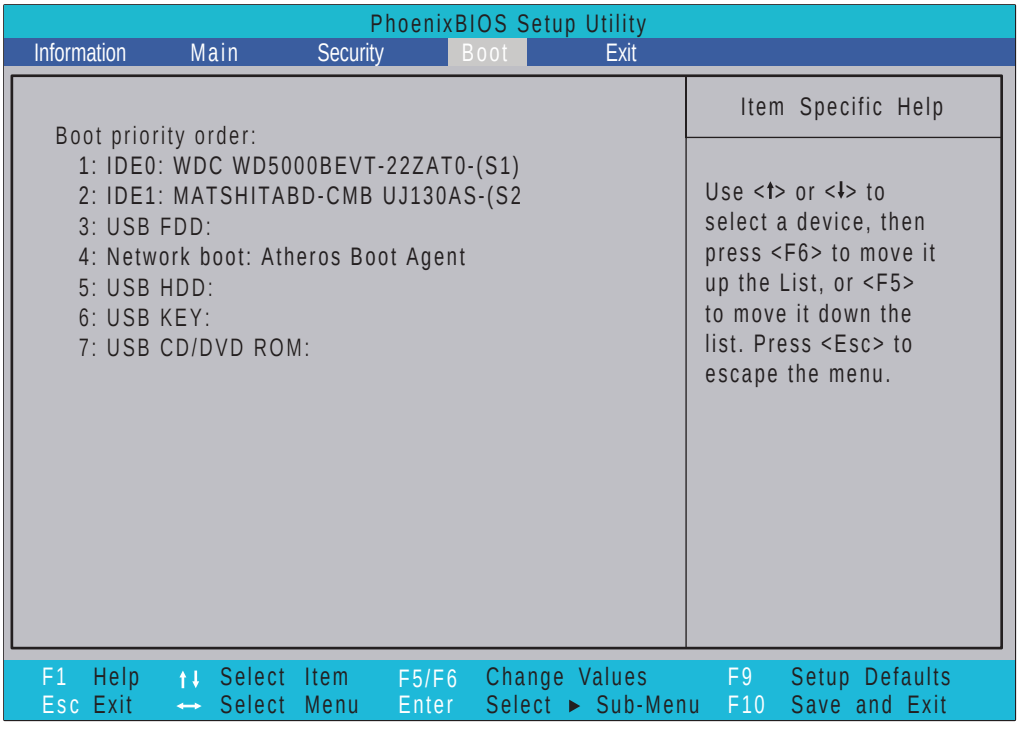
1. Prepare a bootable diskette.
2. Copy the flash utilities to the bootable diskette.
3. Then boot the system from the bootable diskette. The flash utility has auto-execution function.

DOS Flash Utility

Perform the following steps to use the DOS Flash Utility:

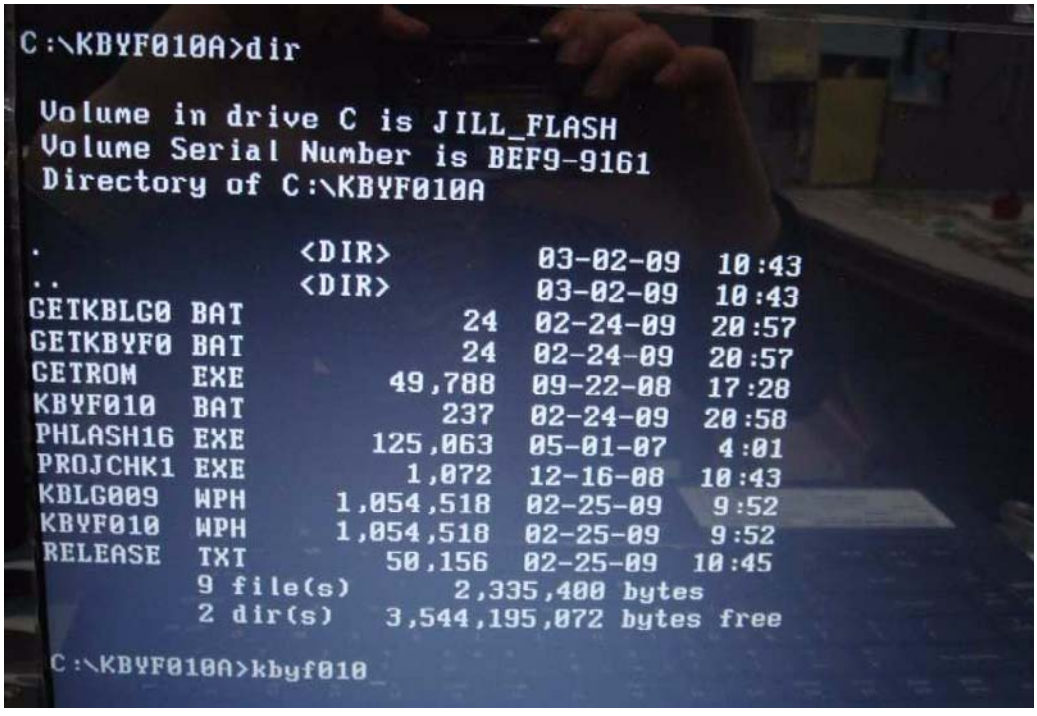
Perform the following steps to use the DOS Flash Utility:

1. Press F2 during boot to enter the Setup Menu.
2. Select **Boot Menu** to modify the boot priority order, for example, if using USB HDD to Update BIOS, move USB HDD to position 1.



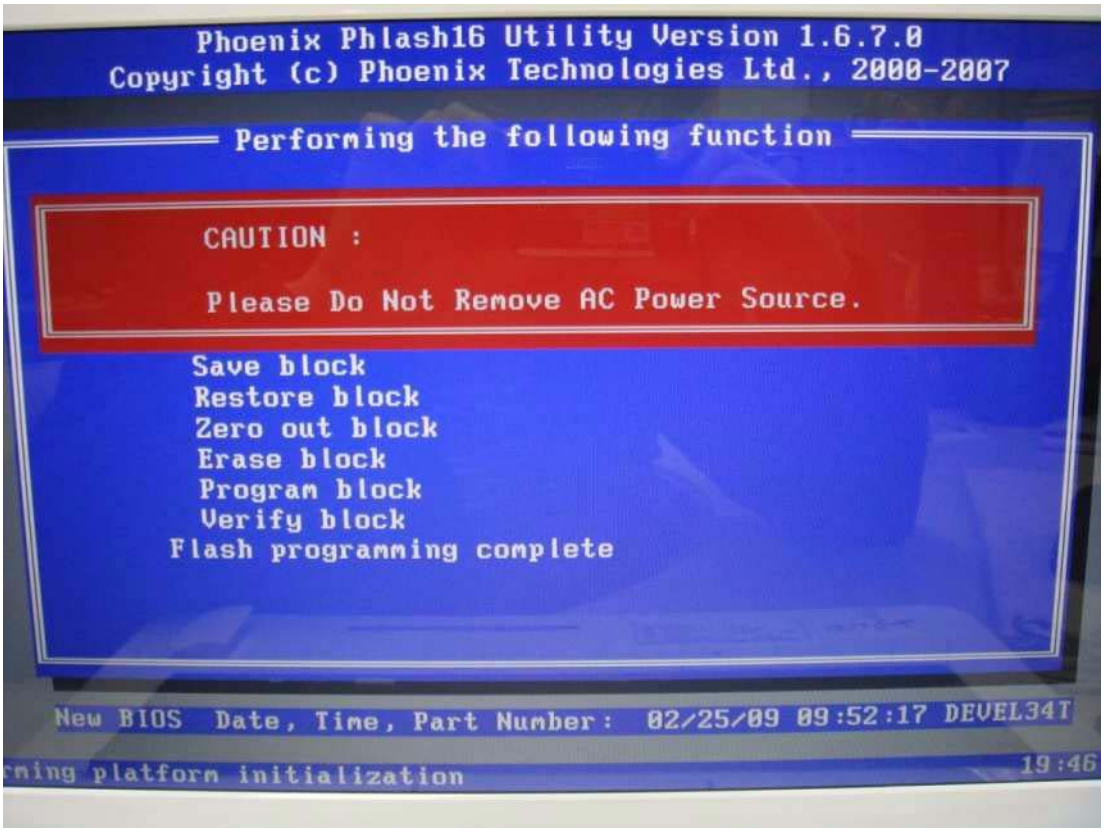
3. Execute the **KBYF010.BAT** batch file to update BIOS.

The flash process begins as shown.



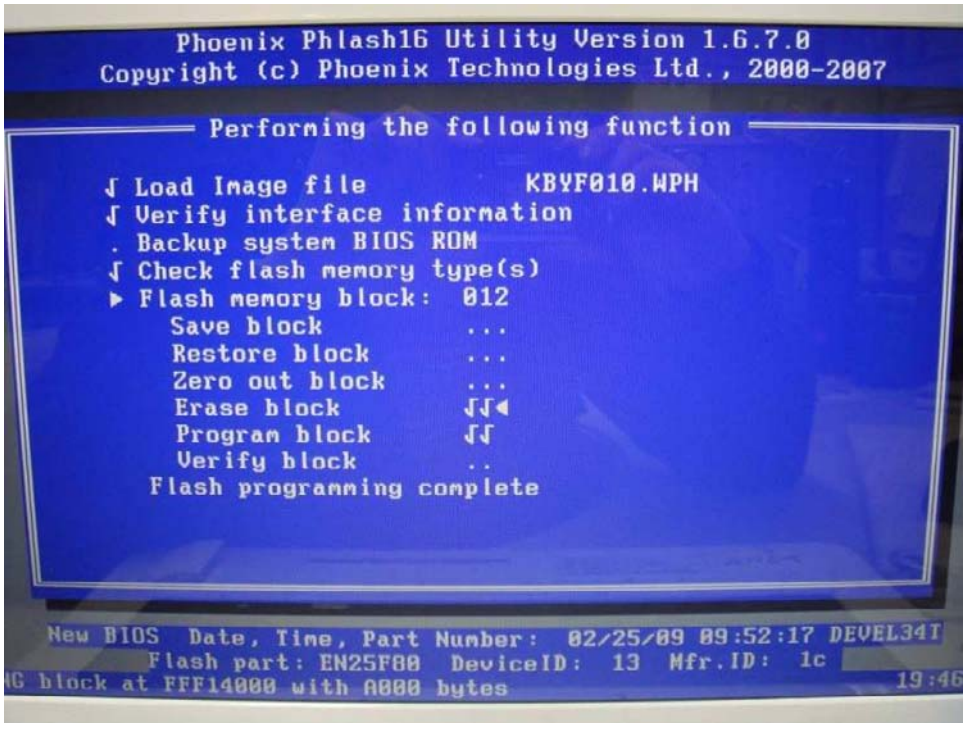
4. In flash BIOS, the message **Please do not remove AC Power Source** displays.

NOTE: If the AC power is not connected, the following message displays.



Plug in the AC power to continue.

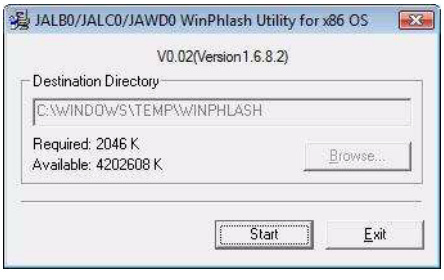
5. Flash is complete when the message Flash programming complete displays.



WinFlash Utility

Perform the following steps to use the WinFlash Utility:

1. Double-click the WinFlash executable.Click **Start**.



2. Make sure that AC power is plugged in and click **OK** to begin the update.

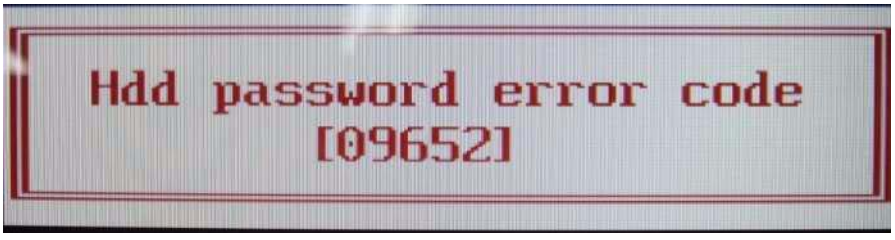
A progress screen displays.

Remove HDD/BIOS Password Utilities

This section provide you with removing HDD/BIOS method:

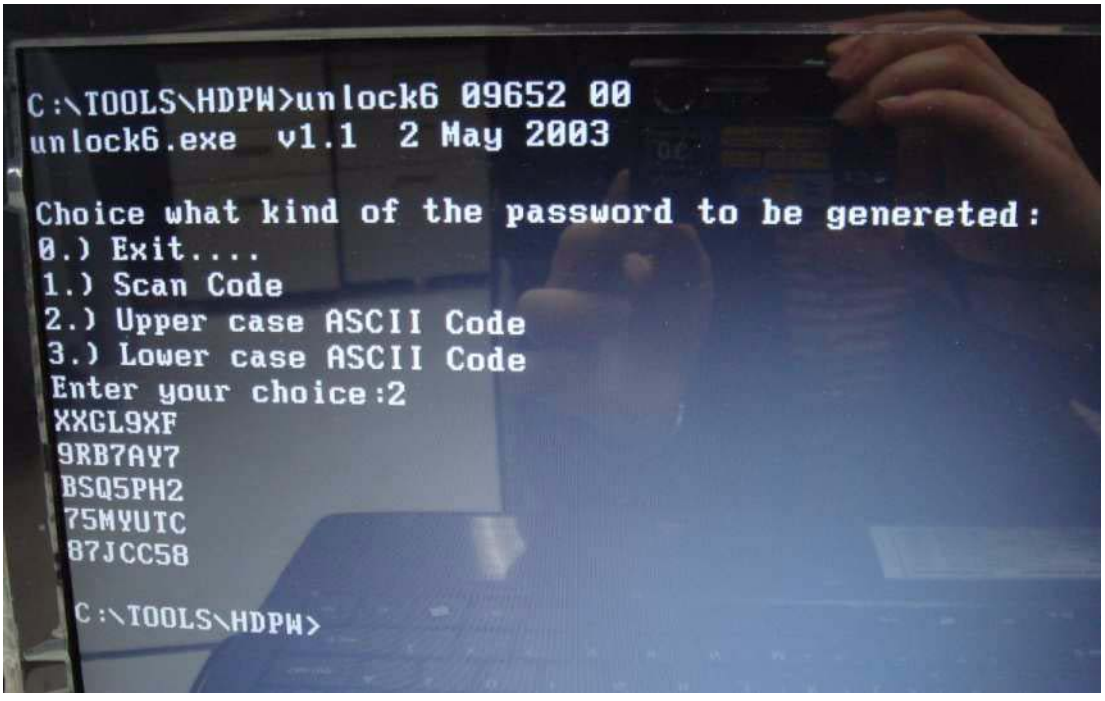
Remove HDD Password:

If you key in the wrong HDD password three times, an error is generated along with an error code. Note down this code.



To reset the HDD password, perform the following steps:

1. In DOS mode, use the code generated previously to execute the command ***Unlock6.exe 09652 00*** and then select option **2** to get the password. Note down the password, e.g.: ***XXGL9XF***



2. Shut down the computer by holding down the Power button for 4 seconds.
3. Power on the computer and input the HDD password from previous steps to unlock the HDD.

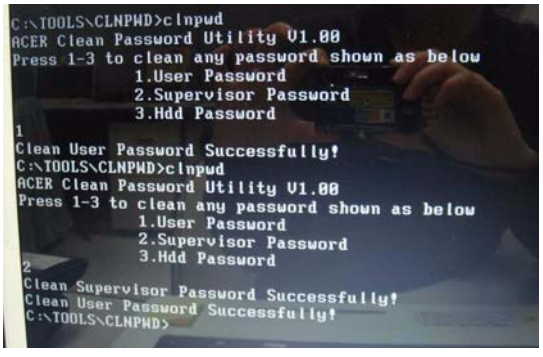
Removing BIOS Passwords:

To clear the User or Supervisor passwords, open the RAM door and use a metal instrument to short the **RST_RTC** jumper.

Cleaning BIOS Passwords

To clear the password, perform the following steps:

1. From a DOS prompt, Execute **clnpwd.exe**



2. Press 1 or 2 to clean the desired password shown on the screen.

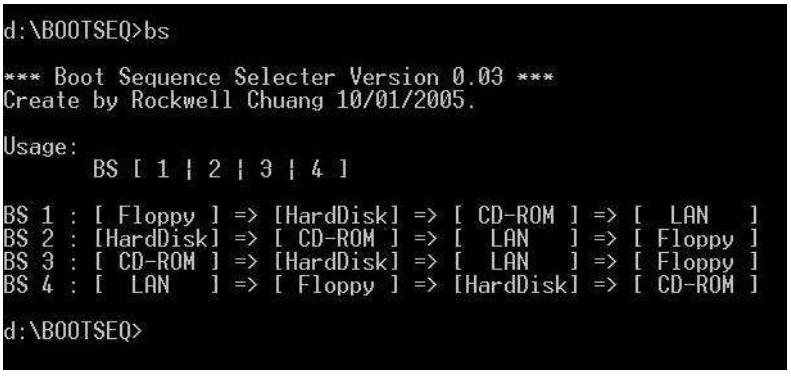
The onscreen message determines whether the function is successful or not.

Miscellaneous Utilities

Using Boot Sequence Selector

Boot Sequence Selector allows the boot order to be changes without accessing the BIOS. To use Boot Sequence Selector, perform the following steps:

1. Enter into DOS.
2. Execute **BS.exe** to display the usage screen.



3. Select the desired boot sequence by entering the corresponding sequence, for example, enter **BS2** to change the boot sequence to HDD|CD ROM|LAN|Floppy.

Using DMITools

The DMI (Desktop Management Interface) Tool copies BIOS information to eeprom to be used in the DMI pool for hardware management.

When the BIOS displays **Verifying DMI pool data** it is checking the table correlates with the hardware before sending to the operating system (Windows, etc.).

To update the DMI Pool, perform the following steps:

1. Enter into DOS.
2. Execute **dmitools**. The following messages show dmitools usage:
    - dmitools /r ==> Read dmi string from memory
    - dmitools /wm xxxx ==> Write manufacturer name to EEPROM (max. 16 characters)
    - dmitools /wp xxxx ==> Write product name to EEPROM (max. 16 characters)
    - dmitools /ws xxxx ==> Write serial number to EEPROM (max. 22 characters)
    - dmitools /wu xxxx ==> Write uuid to EEPROM (Ignore String)
    - dmitools /wa xxxx ==> Write asset tag to EEPROM (max. 32 characters)

NOTE: The following write examples (2 to 5) require a system reboot to take effect

Example 1: Read DMI Information from Memory

Input:

dmitools /r

Output:

Manufacturer (Type1, Offset04h): Acer

Product Name (Type1, Offset05h): TravelMate xxxxx

Serial Number (Type1, Offset07h): 01234567890123456789

UUID String (Type1, Offset08h): xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

Asset Tag (Type3, Offset04h): Acer Asstag

Example 2: Write Product Name to EEPROM

Input:

dmitools /wp AspireXXXX

Example 3: Write Serial Number to EEPROM

Input:

dmitools /ws 01234567890123456789

Example 4: Write UUID to EEPROM

Input:

dmitools /wu

Example 5: Write Asset Tag to EEPROM

Input:

dmitools /wa Acer Asstag

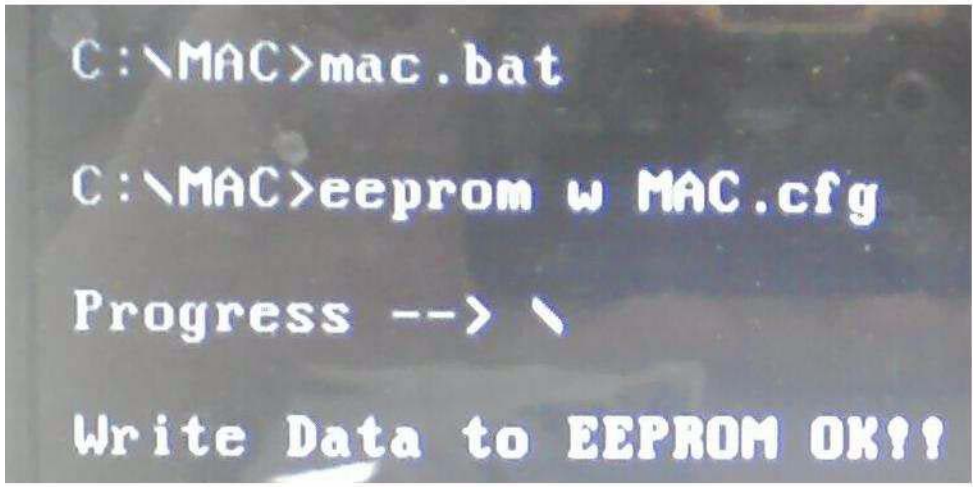
Using the LAN MAC EEPROM Utility

You can use the MAC.BAT utility to write the MAC.CFG file to the EEPROM under DOS mode.

1. Use a text editor (for example: Notepad) to open the MAC.CFG file. You can see the MAC.CFG contents as below:

WriteData = ‘001122334455'	MAC value
StartAddr=7A	MAC address
WriteLeng=6	MAC value length
KeepByte=0	don’t care

2. In DOS mode, run the **MAC.BAT** file to write MAC values to eeprom.



Machine Disassembly and Replacement

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

NOTE: Some components may differ in appearance from those shown in the photographs in this chapter.

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
- Plastic flat screwdriver
- Plastic tweezers

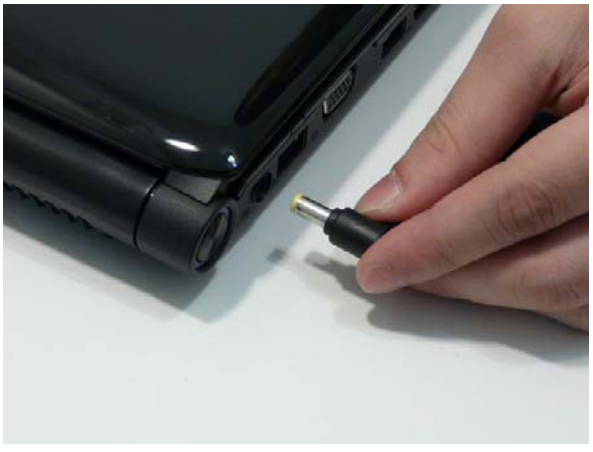
NOTE: The screws for the different components vary in size. During the disassembly process, group the screws with the corresponding components to avoid mismatch when putting back the components.

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.

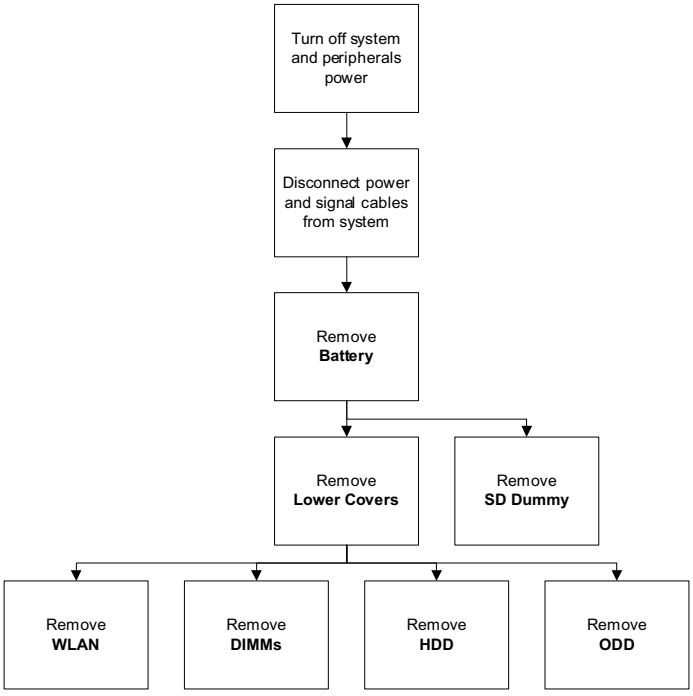
Main Screw List

Description	Quantity	Acer P/N
M1.98D 3.0L K 4.6D 0.8T ZK	21	86.PAA02.001
M2.46D 3.0L K 5.5D 0.8T ZK	11	86.PAA02.002
M2.5D 5L K 5.5D ZK NL CR3	21	86.PAA02.003
M2.5D 10.0L K 5.5D ZK NL CR3	12	86.PAA02.004
M3.0D 3.0L K 4.9D NI	4	86.PAA02.006
M2.5D 3.2L K 6D NI	4	86.PAA02.007

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.



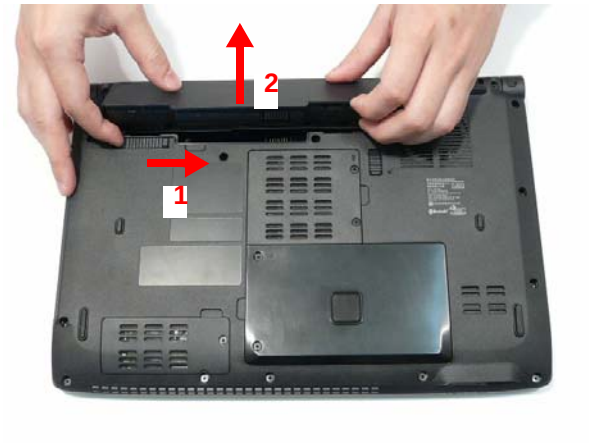
Screw List

Step	Screw	Quantity	Part No.
WLAN Module	M2*3	2	86.PAA02.001
HDD Carrier	M3*3	4	86.PAA02.006
ODD Module	M2.5*5	1	86.PAA02.003
ODD Bracket	M2*3	2	86.PAA02.001

Removing the Battery Pack

1. Turn computer over.
2. Slide the battery lock/unlock latch to the unlock position.

3. Slide and hold the battery release latch to the release position (1), then lift out the battery pack from the main unit (2).



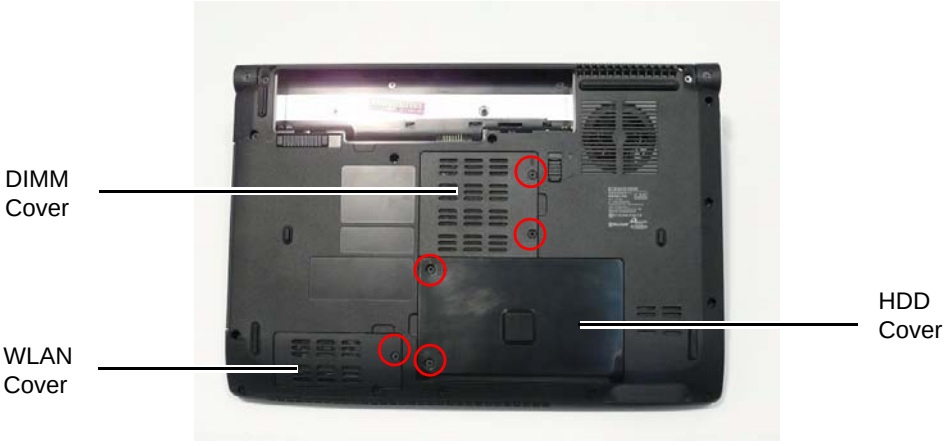
Removing the SD Dummy Card

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

2. Pull it out from the slot.

Removing the Lower Covers

1. See “Removing the Battery Pack” on page 44.
2. Loosen the five captive screws in the covers as shown.



3. Remove the DIMM Cover as shown.

4. Remove the WLAN Cover as shown.

5. Remove the HDD Cover as shown.

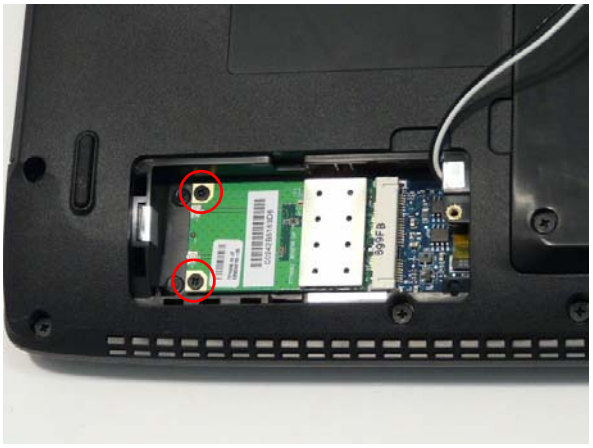
Removing the WLAN Module

1. See “Removing the Lower Covers” on page 46.
2. Remove the adhesive tape securing the Antenna cables in place.

3. Disconnect the two Antenna cables from the WLAN Module.

   NOTE: The white Antenna cable connects to the upper **J2** terminal and the black Antenna cable to the lower **J3** terminal.

4. Remove the two screws securing the WLAN Module to the Lower Cover.

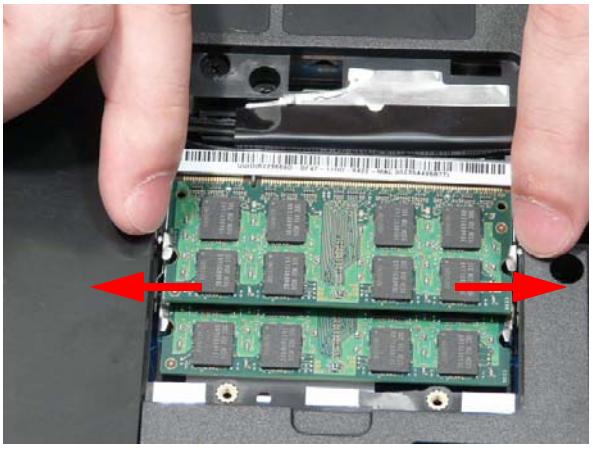


Step	Size	Quantity	Screw Type
WLAN Module	M2*3	2	

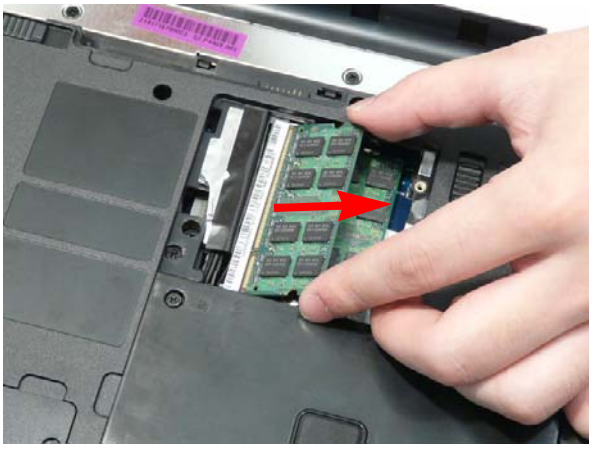
5. Remove the WLAN Module as shown.

Removing the DIMM Modules

1. See “Removing the Lower Covers” on page 46.
2. Push out the release latches on both sides of the DIMM socket to release the DIMM module.



3. Remove the DIMM module.



4. Repeat steps for the second DIMM module.

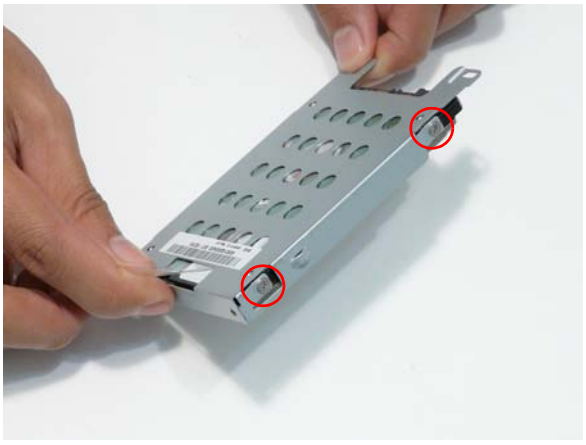
Removing the Hard Disk Drive Module

1. See “Removing the Lower Covers” on page 46.
2. Hold the Pull Tab and slide the HDD away from the connector.

3. Lift the HDD up as shown to remove.

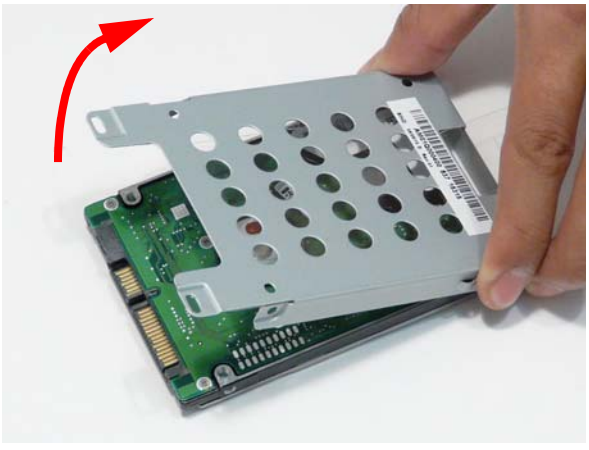
NOTE: To prevent damage to HDD, avoid pressing down on it or placing heavy objects on top of it.

4. Remove the four screws (two each side) securing the HDD to the carrier.



Step	Size	Quantity	Screw Type
HDD Carrier	M3*3	4	

5. Lift the HDD carrier to remove.

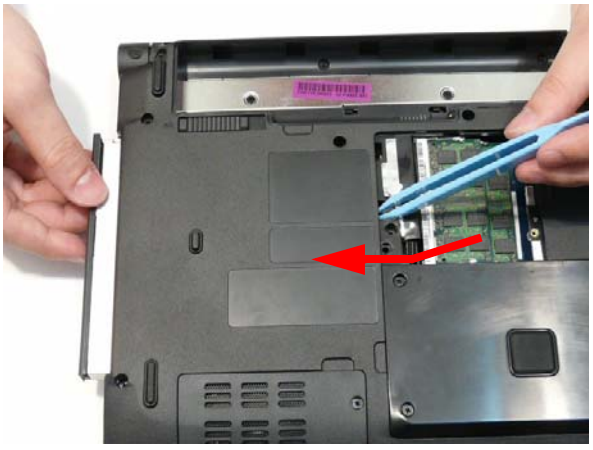


Removing the Optical Disk Drive Module

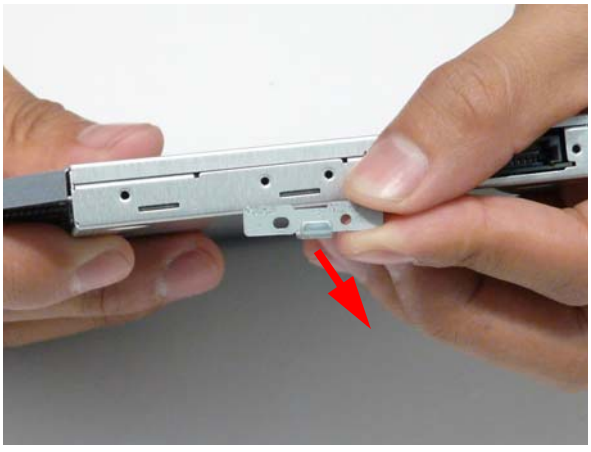
1. See “Removing the Lower Covers” on page 46.
2. Remove the single screw securing the ODD module in place.

Step	Size	Quantity	Screw Type
ODD Module	M2.5*5	1	

3. Insert a suitable plastic tool as shown and push the ODD Module out of the bay.



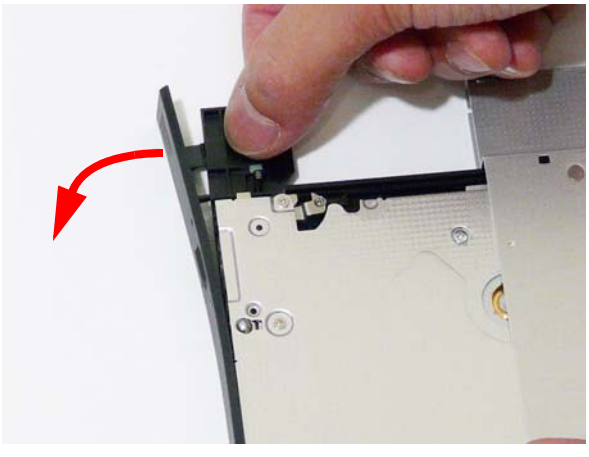
4. Remove the two screws securing the ODD bracket and remove the ODD bracket from the optical disk drive module.

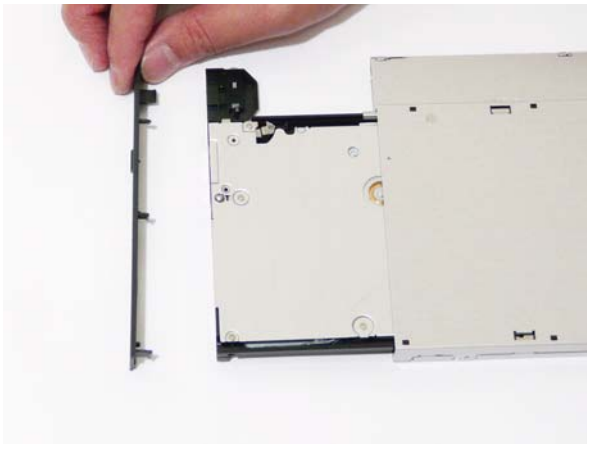


Step	Size	Quantity	Screw Type
ODD Bracket	M2*3	2	

5. Insert a pin in the eject hole of the ODD to eject the ODD tray.

6. Press down on the locking catch to release the ODD cover and remove.





Main Unit Disassembly Process

Main Unit Disassembly Flowchart

Screw List

Step	Screw	Quantity	Part No.
Hinge Covers	M2*3	2	86.PAA02.001
Switch Cover	M2.5*3	4	86.PAA02.002
	M2.5*10	2	86.PAA02.004
Speaker Module	M2.5*3	2	86.PAA02.002
LCD Module	M2.5*5	6	86.PAA02.003
Upper Cover	M2.5*10	10	86.PAA02.004
	M2.5*5	6	86.PAA02.003
	M2.5*3	1	86.PAA02.002
Function Board	M2*3	3	86.PAA02.001
Finger Print Reader	M2*3	1	86.PAA02.001
TouchPad Bracket	M2*3	2	86.PAA02.001
Bluetooth Module	M2*3	1	86.PAA02.001
USB Board	M2.5*3	1	86.PAA02.002
Modem Module	M2*3	2	86.PAA02.001
Mainboard	M2.5*3	1	86.PAA02.002
Thermal Module	M2.5*3.2	4	86.PAA02.007

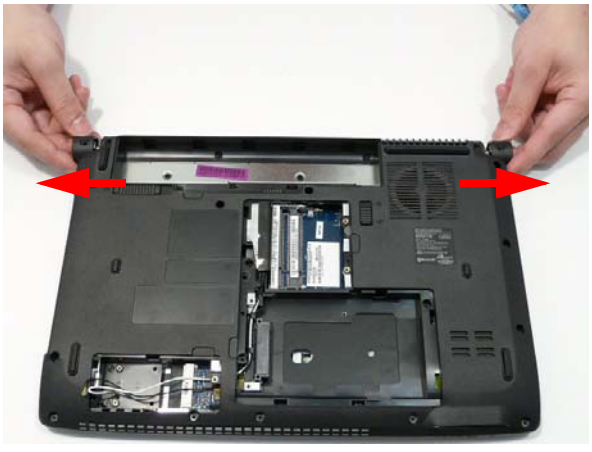
Removing the Hinge Covers

1. See “Removing the Battery Pack” on page 44.
2. Remove the two screw caps and screws from the Hinge Covers.

Step	Size	Quantity	Screw Type
Hinge Covers	M2*3	2	

3. Slide the covers off the hinges in the direction of the arrows.

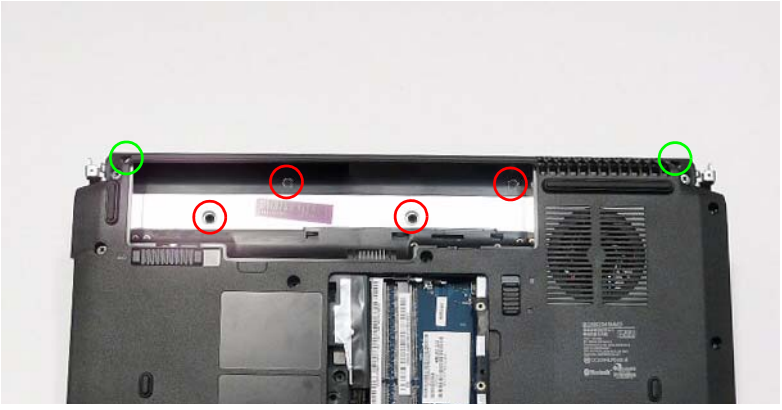
IMPORTANT: The left and right Hinge Covers are shaped differently and marked **L** and **R** on the inside. Ensure that the correct cover is used during reassembly.



Removing the Switch Cover

CAUTION: Using metal tools to remove the Switch Cover may cause damage to the outer casing. It is recommended that only fingers or a plastic pry are used to remove the Switch Cover.

1. See “Removing the Battery Pack” on page 44.
2. See “Removing the Hinge Covers” on page 56.
3. Locate and remove the six securing screws on the bottom of the computer.



Step	Size	Quantity	Screw Type
Switch Cover (red callout)	M2.5*3	4	
Switch Cover (green callout)	M2.5*10	2	

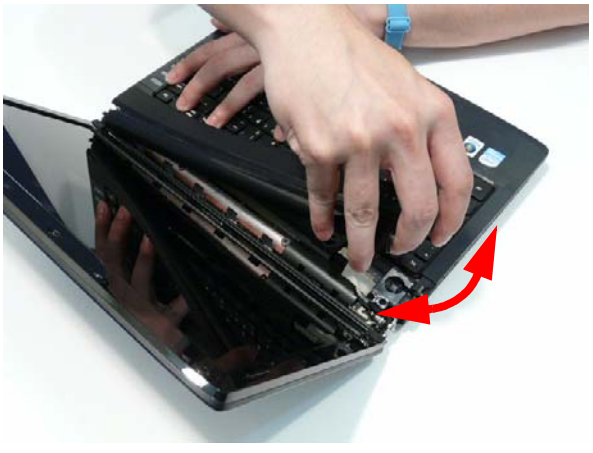
4. Turn the computer over and open the LCD module to expose the Switch Cover.

IMPORTANT: The LCD module does not fully extend. Damage will occur if you attempt to extend the LCD module beyond the manufacturer’s design.

5. Lift the left side of Switch Cover, hinge cover first as shown.

6. Lift the left side of the Switch Cover away from the Upper Cover as shown.

7. Using a side-to-side motion to release the securing clips along the length of the Switch Cover, lift the cover away from the computer.



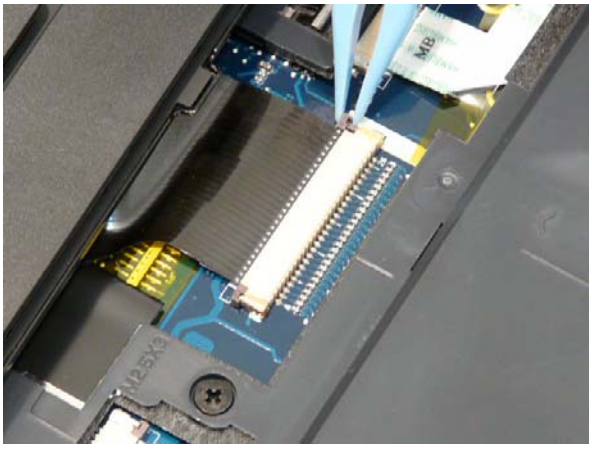
8. Lift the Switch Cover clear of the chassis.

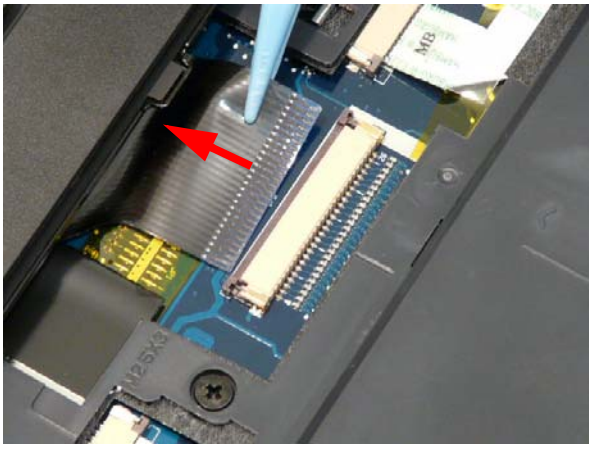
Removing the Keyboard

1. See “Removing the Switch Cover” on page 57.
2. Lift the keyboard from the center to clear the securing tabs on both sides of the Keyboard.

3. Push the Keyboard toward the LCD screen to expose the Keyboard FFC cable.

4. Unlock the connector and pull the FFC to remove it from the Mainboard.

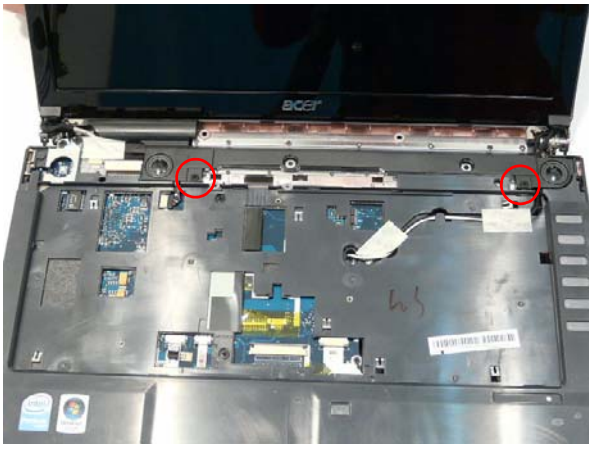




5. Remove the keyboard from the Upper Cover.

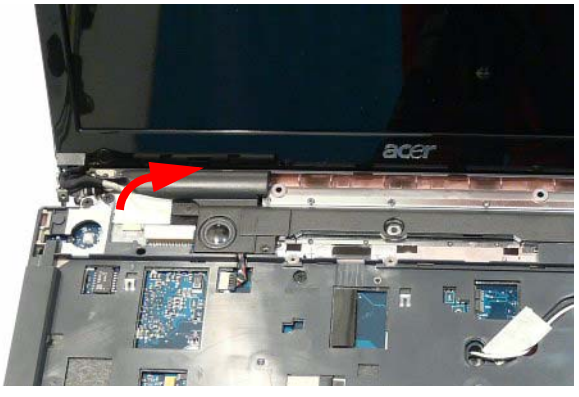
Removing the Speaker Module

1. See “Removing the Keyboard” on page 59.
2. Remove the two securing screws from the Speaker Module.



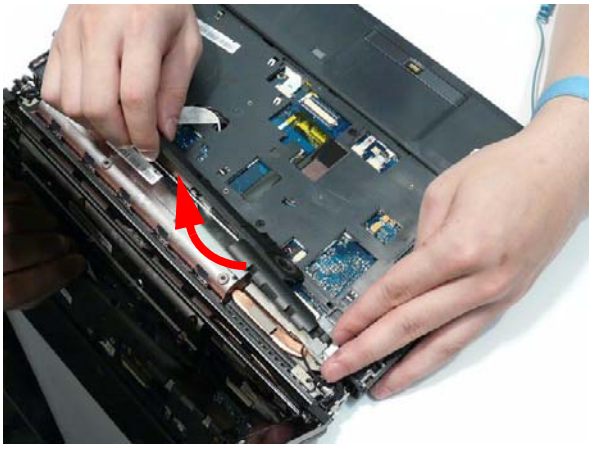
Step	Size	Quantity	Screw Type
Speaker Module	M2.5*3	2	

3. Remove the adhesive tape securing the LCD cables to the Speaker Module.

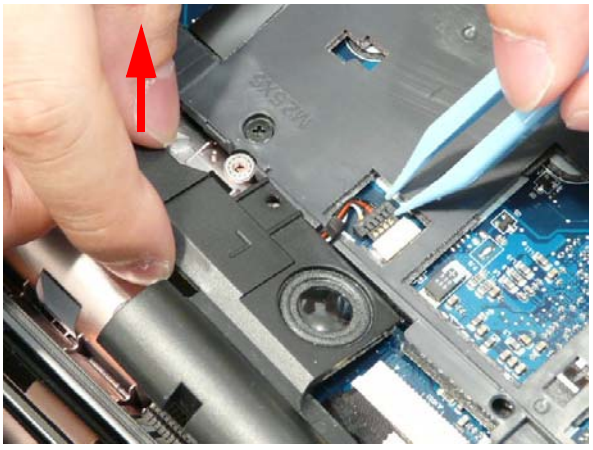


IMPORTANT: Do not remove the Speaker from the Upper Cover; the Speaker cable is attached to the Mainboard.

4. Rotate the Speaker Module upward, rear edge first to clear the LCD cables, and remove it from the chassis.

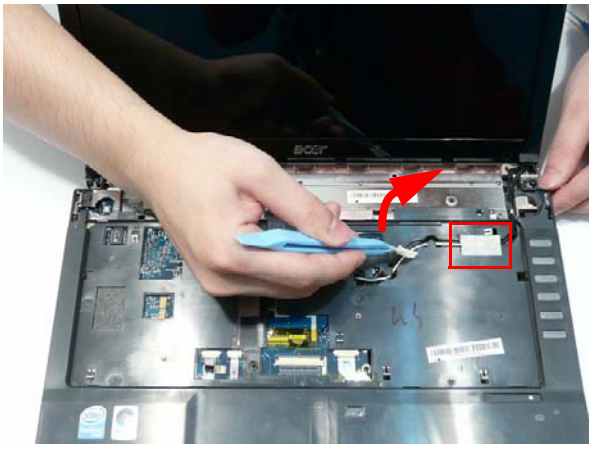


5. Disconnect the speaker cable as shown and remove the Speaker from the Upper Cover.



Removing the LCD Module

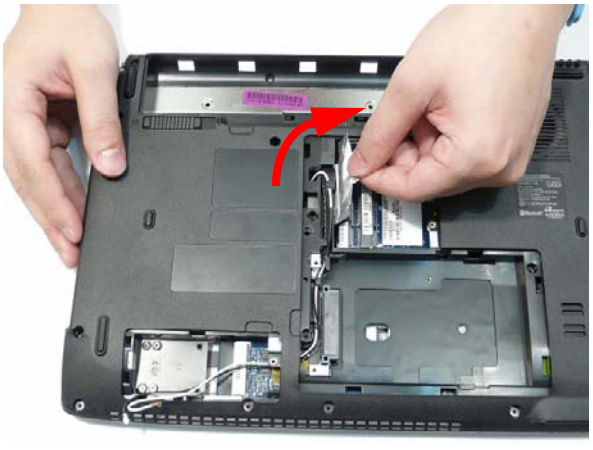
1. See “Removing the Speaker Module” on page 60.
2. Remove the adhesive tapes securing the Antenna cables to the Upper Cover.



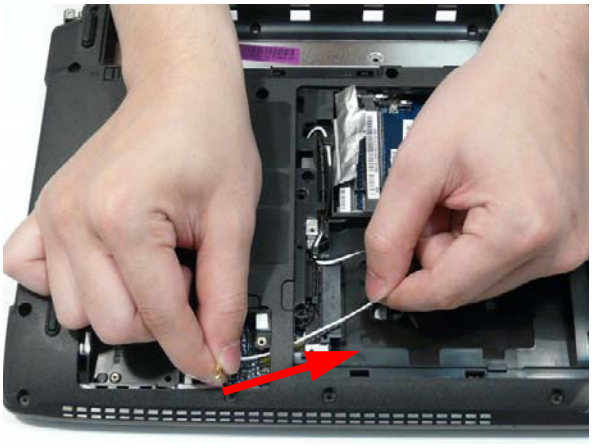
3. Turn the computer over. Remove the two securing screws as shown.

Step	Size	Quantity	Screw Type
LCD Module	M2.5*5	2	

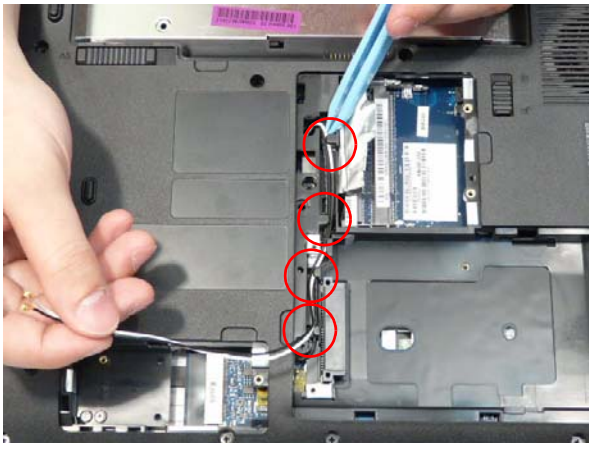
4. Lift the securing tape to expose the Antenna cable as shown.



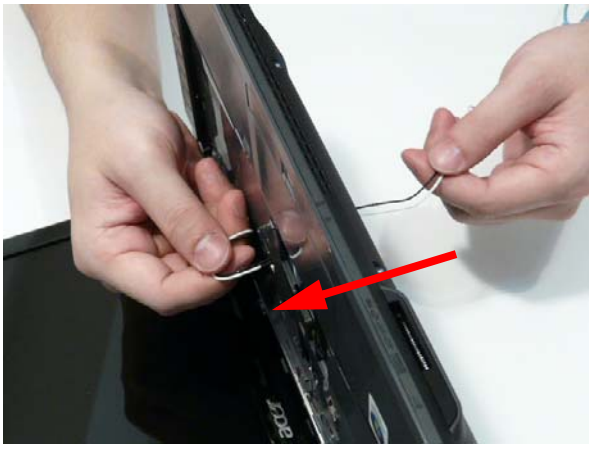
5. Push the Antenna cables through the casing as shown.



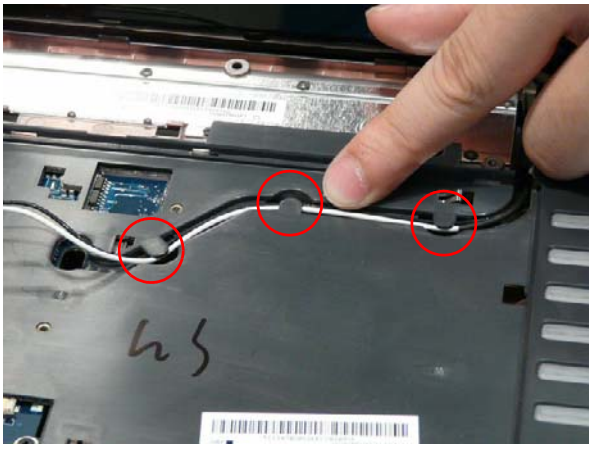
6. Remove the Antenna cables from the cable channel. Ensure that the cables are free from all cable clips.

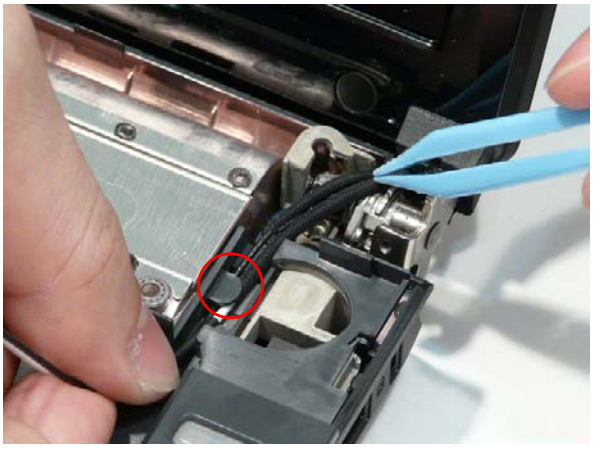


7. Rest the computer on the LCD Module and push the Antenna cables through the covers as shown.

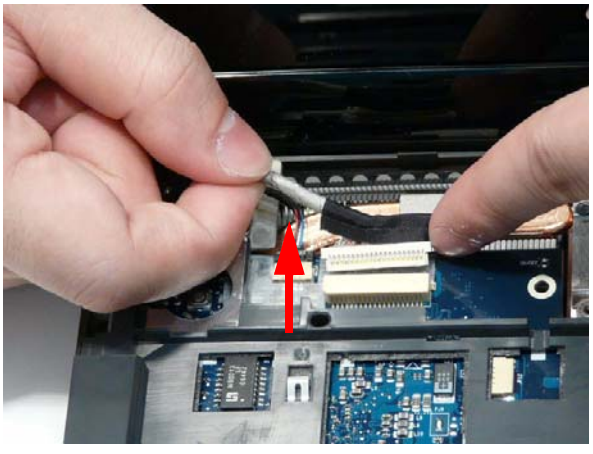


8. Remove the Antenna cables from the cable channel. Ensure that the cables are free from the cable clips all the way to the hinge well.

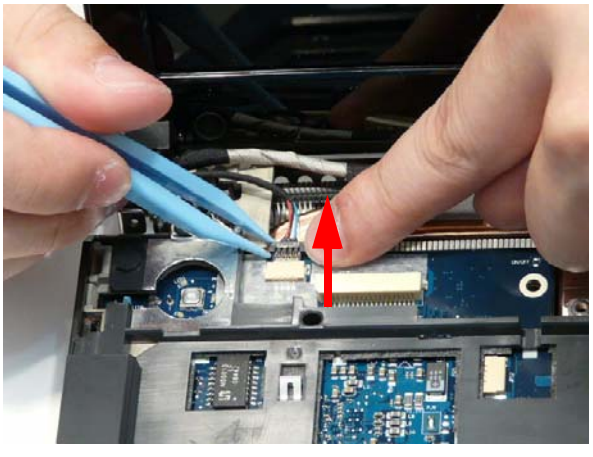




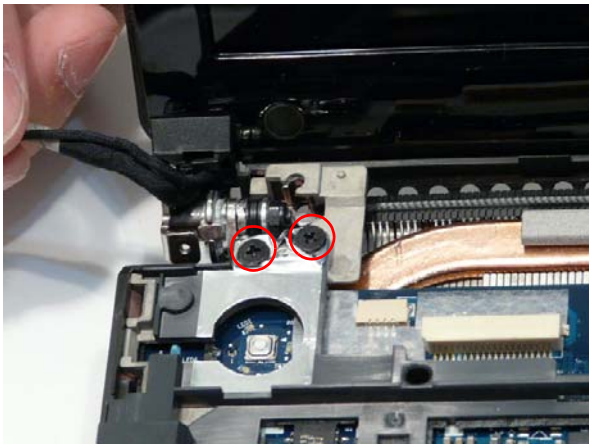
9. Disconnect the LVDS cable from the Mainboard as shown.



10. Disconnect the Microphone cable from the Mainboard as shown.

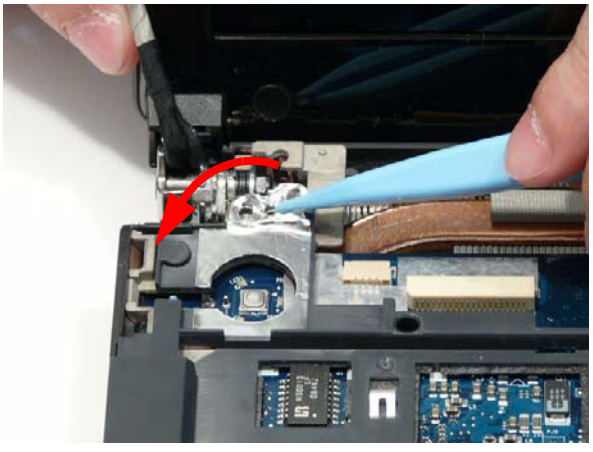


11. Remove the two securing screws from the left LCD hinge.

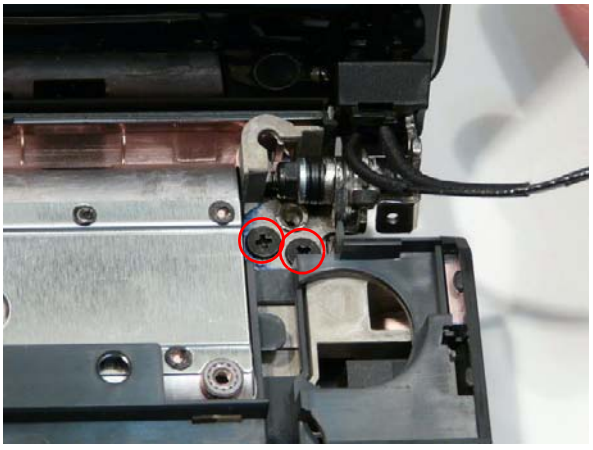


Step	Size	Quantity	Screw Type
LCD Module	M2.5*5	2	

12. Peel back the adhesive strip from the left LCD Hinge as shown.

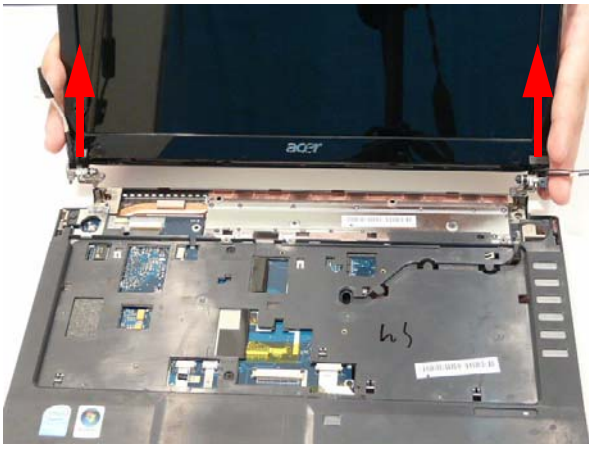


13. Remove the two securing screws from the right LCD hinge.



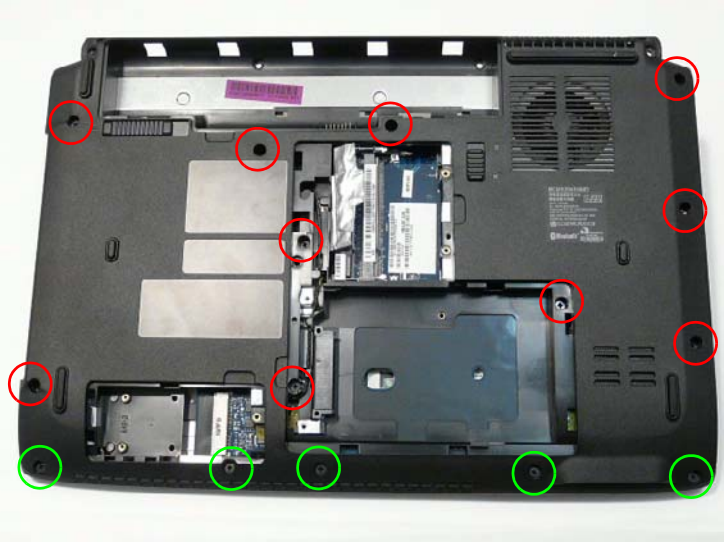
Step	Size	Quantity	Screw Type
LCD Module	M2.5*5	2	

14. Carefully remove the LCD Module from the chassis.



Removing the Upper Cover

1. See “Removing the LCD Module” on page 62.
2. Turn the computer over. Remove the fifteen screws on the bottom panel.

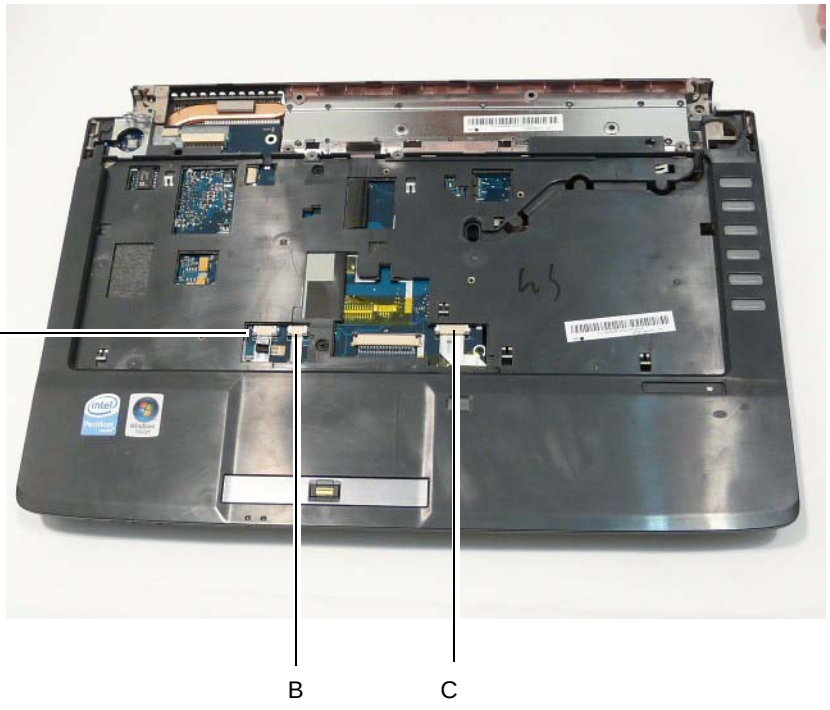


Step	Size	Quantity	Screw Type
Upper Cover (red call out)	M2.5*10	10	
Upper Cover (green callout)	M2.5*5	5	

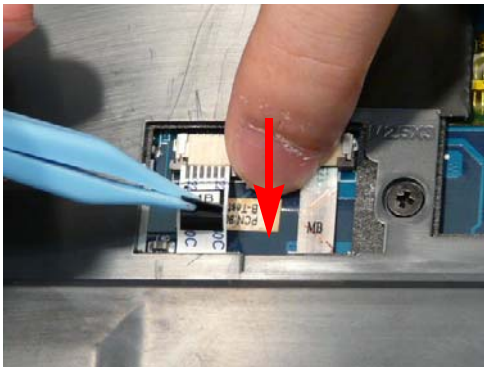
3. Turn the computer over. Remove the two securing screws on the top panel.

Step	Size	Quantity	Screw Type
Upper Cover (red callout)	M2.5*5	1	
Upper Cover (green callout)	M2.5*3	1	

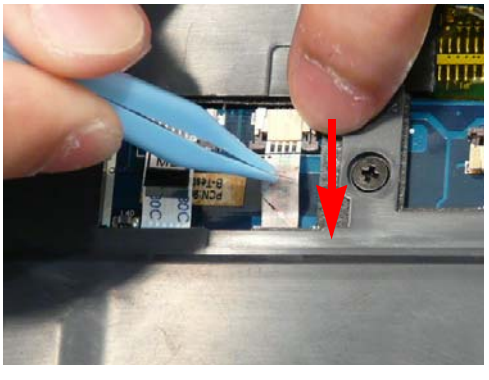
4. Turn the computer over and disconnect the four FFC cables from the mainboard.



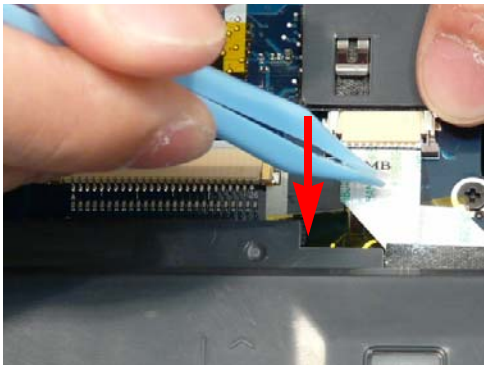
Unlock the connector and disconnect A as shown.



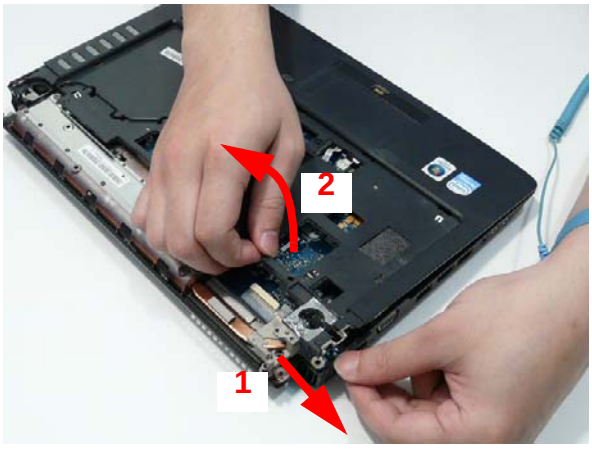
Unlock the connector and disconnect B as shown.



Unlock the connector and disconnect C as shown.



5. Ease the lower casing outward to clear the securing clips. Pry apart the left side as shown, and lift the rear edge of the Upper Cover upward.



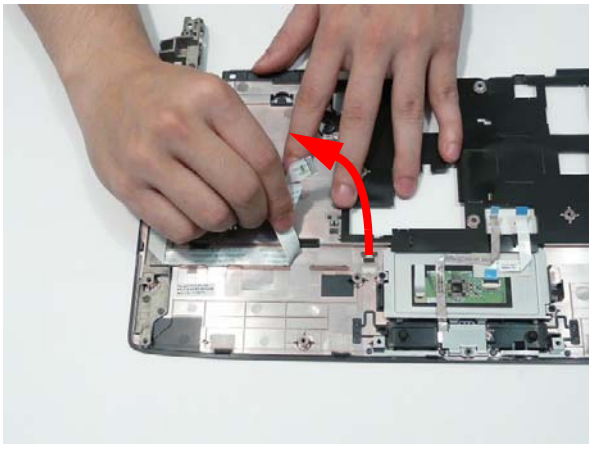
6. Repeat the process on the right side of the casing and remove the Upper Cover from the Lower Cover.

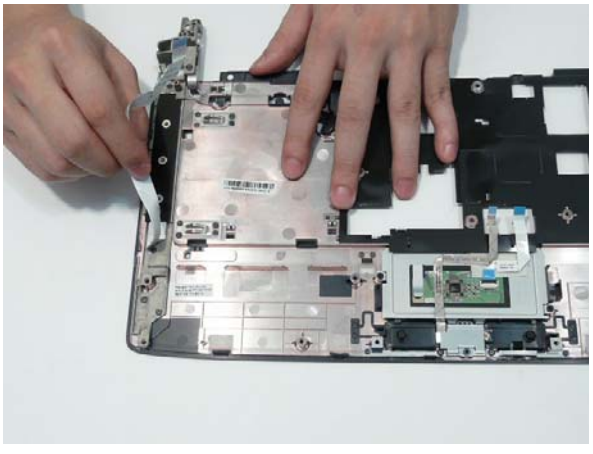
Removing the Function Board

1. See “Removing the Upper Cover” on page 67.
2. Remove the three screws securing the board to the Upper Cover.

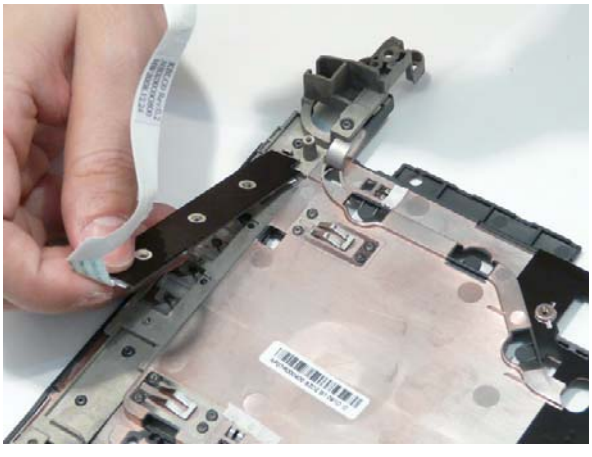
Step	Size	Quantity	Screw Type
Function Board	M2*3	3	

3. Lift the FFC away from the Upper Cover to detach the adhesive securing it in place.



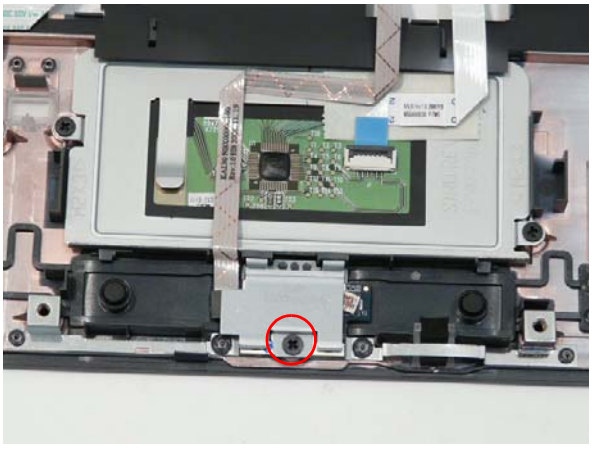


4. Remove the Function Board from the Upper Cover.



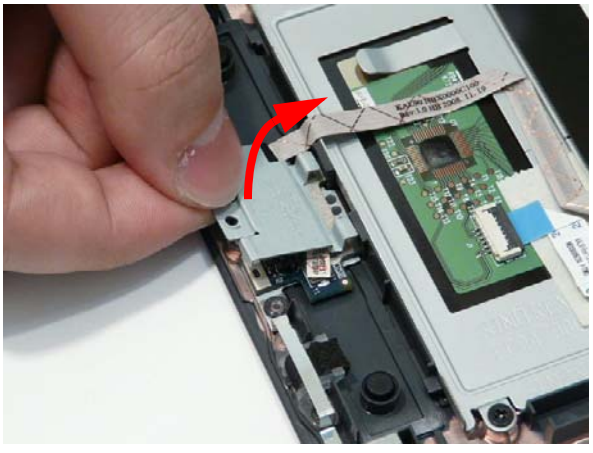
Removing the Finger Print Reader

1. See “Removing the Upper Cover” on page 67.
2. Remove the single securing screw on the bracket.

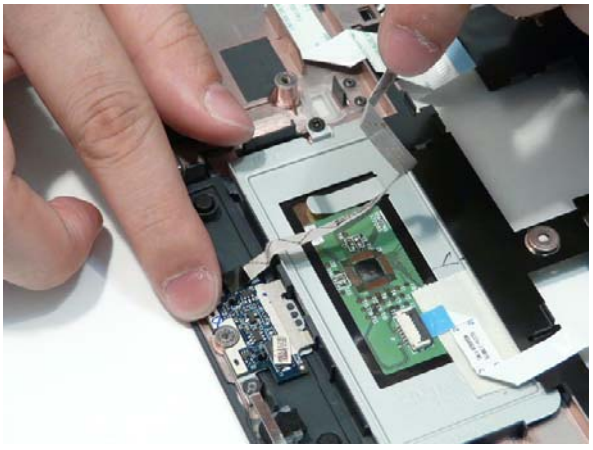


Step	Size	Quantity	Screw Type
Finger Print Reader	M2*3	1	

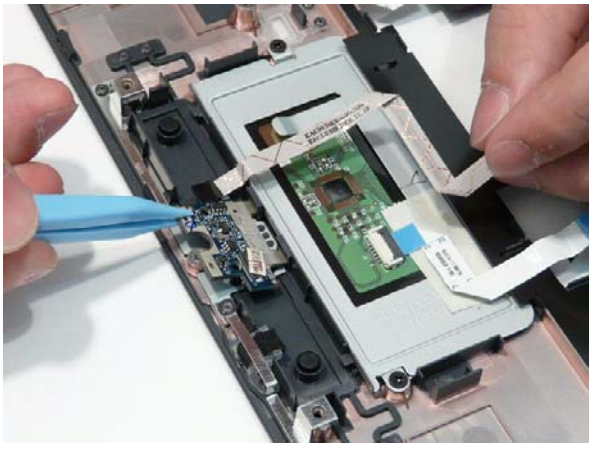
3. Lift the bracket clear of the casing.



4. Hold down the Finger Print Board and lift the FFC, as shown, to disengage the adhesive.



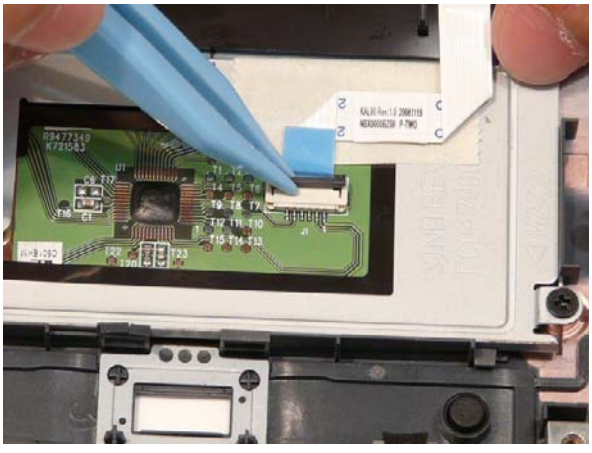
5. Lift the Finger Print Reader clear of the Upper Cover.

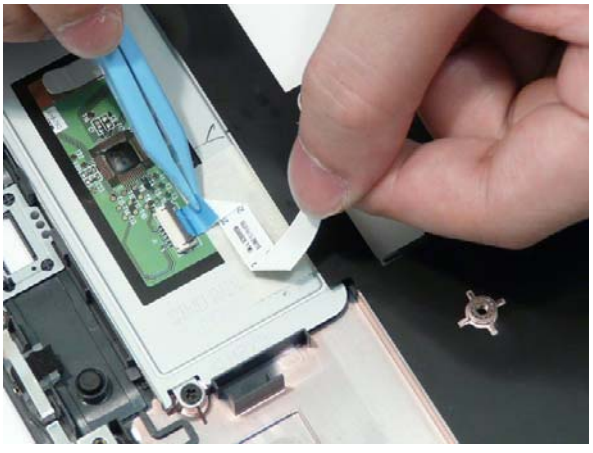


Removing the TouchPad Bracket

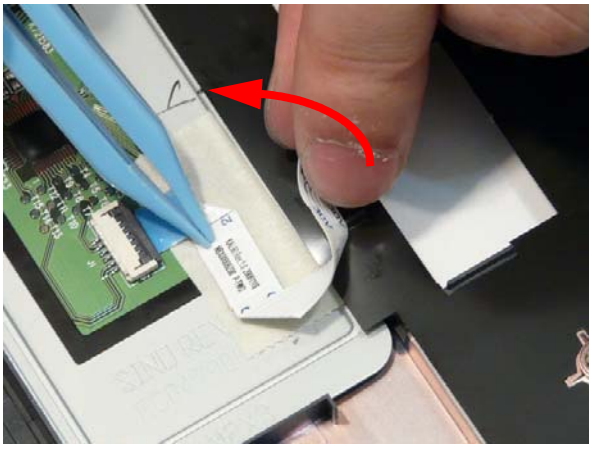
IMPORTANT: The TouchPad is supplied as part of the Upper Cover. If the TouchPad is defective, replace the entire Upper Cover.

1. See “Removing the Upper Cover” on page 67.
2. Open the FFC locking latch as shown and remove the FFC.

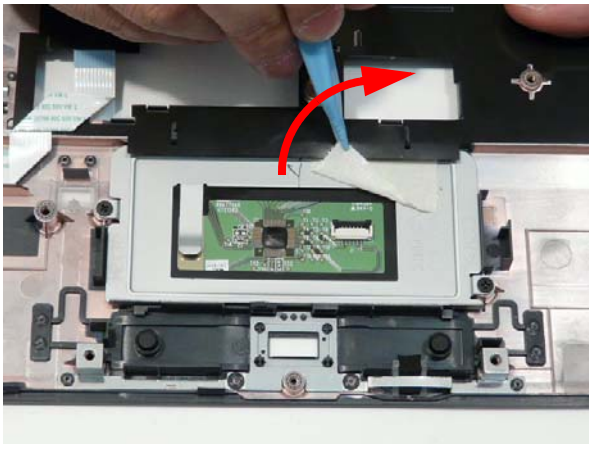




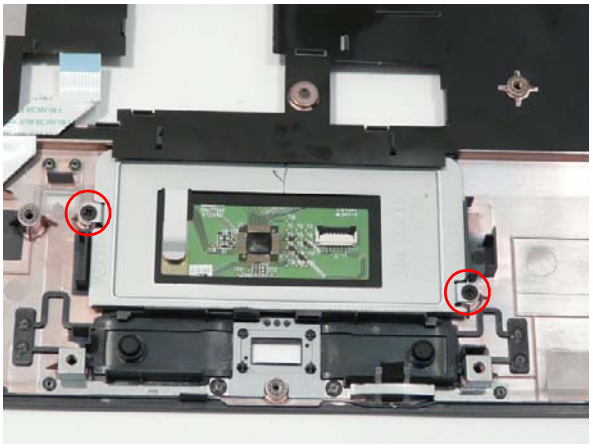
3. Lift the FFC away from the Upper Cover to detach the adhesive securing it in place.

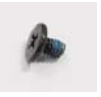


4. Remove the adhesive strip from the TouchPad Bracket.

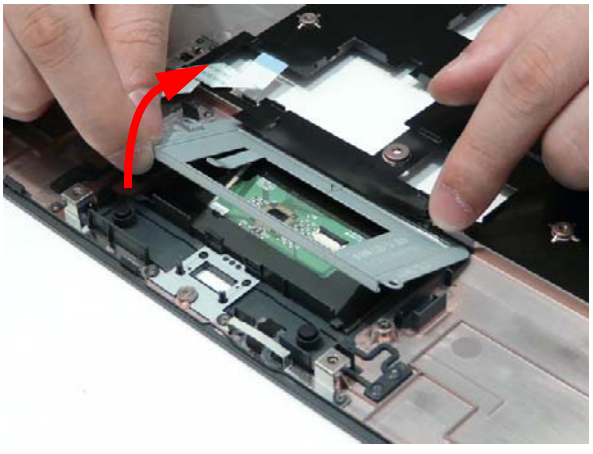


5. Remove the two screws from the TouchPad Bracket.



Step	Size	Quantity	Screw Type
TouchPad Bracket	M2*3	2	

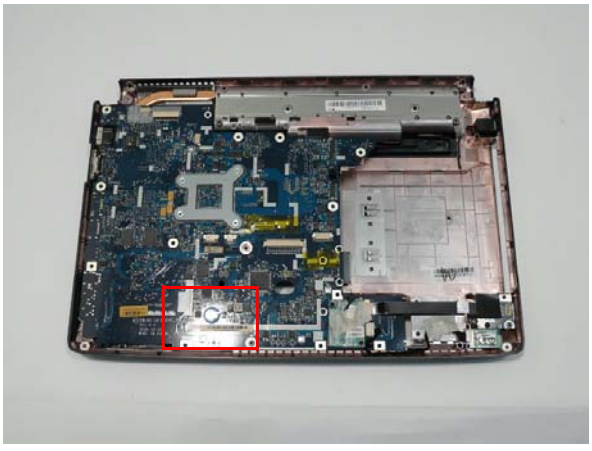
6. Remove the TouchPad Bracket from the Upper Cover.

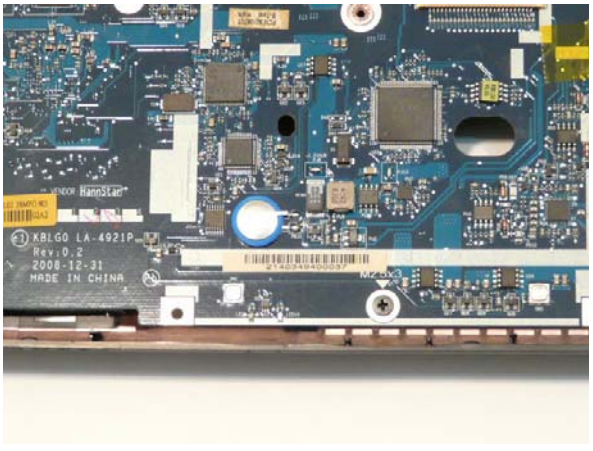


Removing the RTC Battery

IMPORTANT: Follow local regulations for disposal of all batteries.

The RTC Battery is soldered to the Mainboard. To replace the battery, solder the new battery to the connections shown.

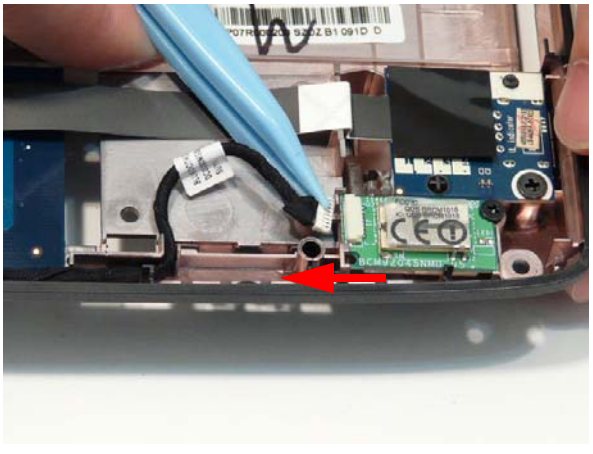




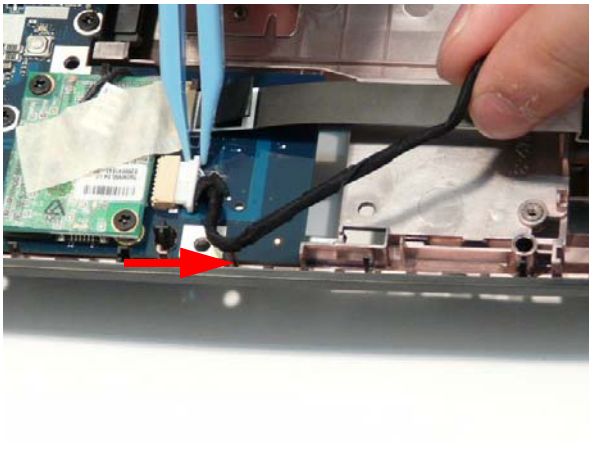
Removing the Bluetooth Module

1. See “Removing the Upper Cover” on page 67.
2. Remove the adhesive tape securing the cable to the Lower Cover.

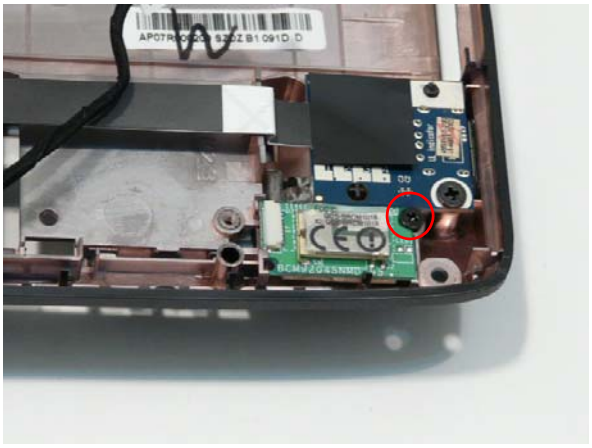
3. Disconnect the cable from the Bluetooth Module.

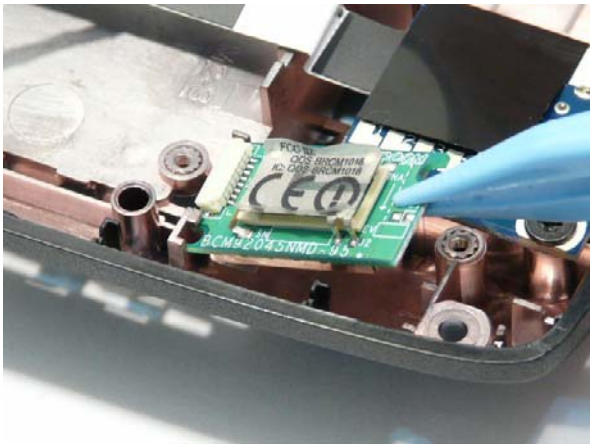


4. Disconnect the cable from the Mainboard.



5. Remove the single securing screw and remove the module from the chassis.

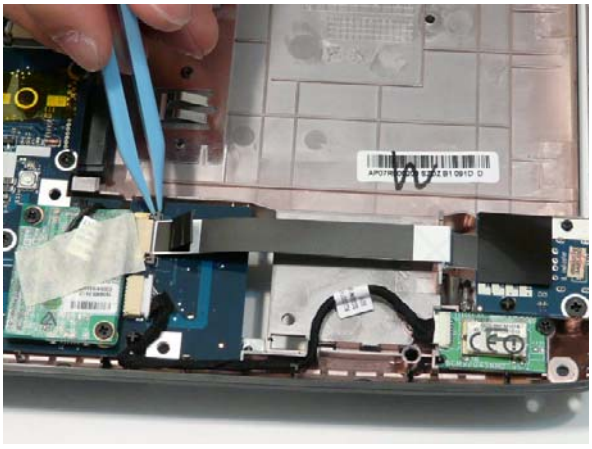


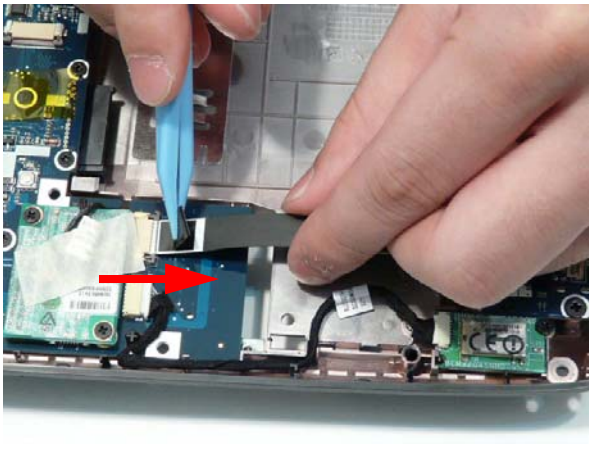


Step	Size	Quantity	Screw Type
Bluetooth Module	M2*3	1	

Removing the USB Board

1. See “Removing the Upper Cover” on page 67.
2. Open the FFC securing latch and remove the cable from the Mainboard connector.





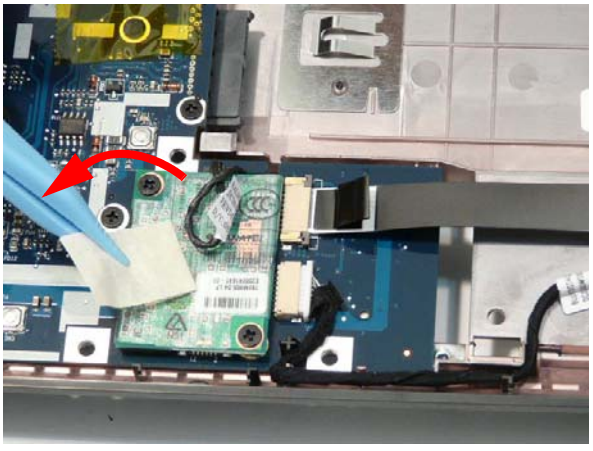
3. Remove the single screw securing the USB Board to the Lower Cover.

Step	Size	Quantity	Screw Type
USB Board	M2.5*3	1	

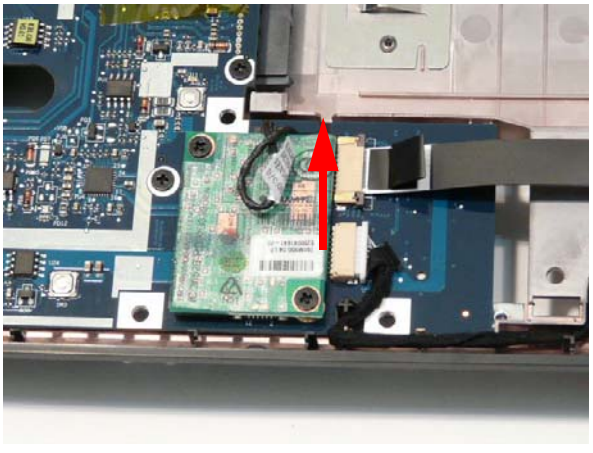
4. Remove the USB Board from the Lower Cover.

Removing the Modem Module

1. See “Removing the Upper Cover” on page 67.
2. Remove the adhesive tape securing the cable to the Modem.

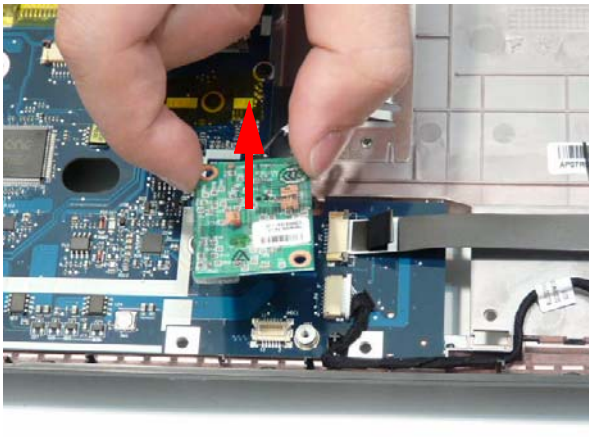


3. Remove the two screws securing the module to the Mainboard.

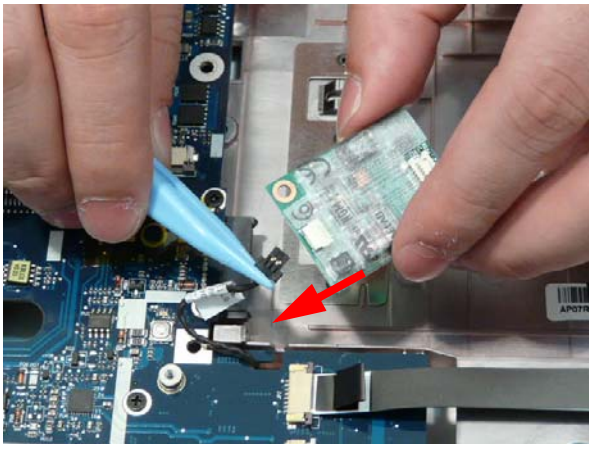


Step	Size	Quantity	Screw Type
Modem Module	M2*3	2	

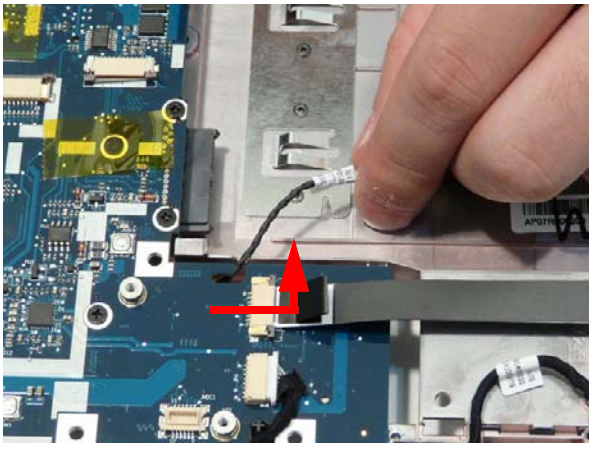
4. Lift the Modem Module clear of the Mainboard as shown.



5. Turn the module over and disconnect the Modem cable. Remove the module from the Lower Cover.



6. Remove the Modem cable from the Mainboard cutout as shown.

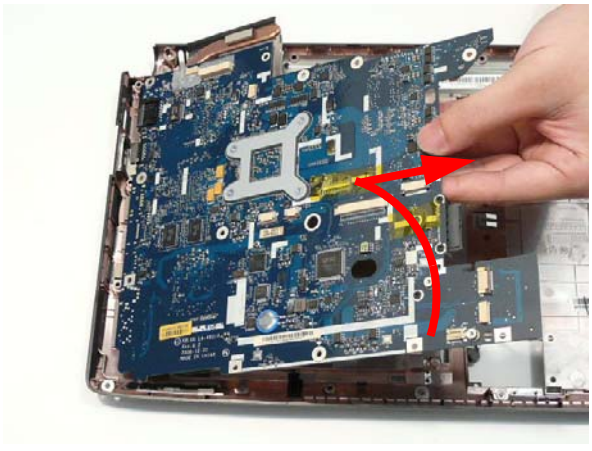


Removing the Mainboard

1. See “Removing the Upper Cover” on page 67.
2. See “Removing the Modem Module” on page 79.
3. Remove the single securing screw.

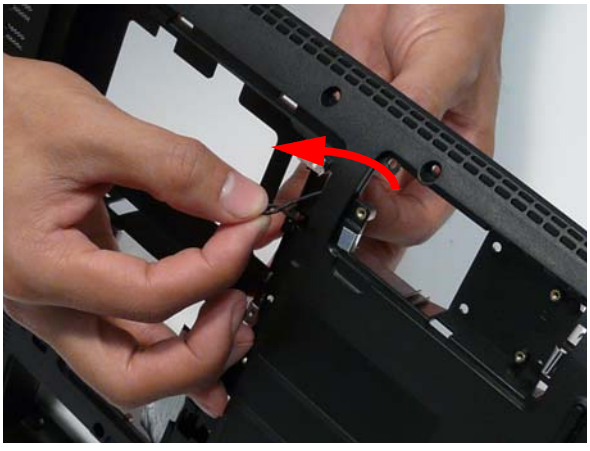
Step	Size	Quantity	Screw Type
Mainboard	M2.5*3	1	

4. Lift the mainboard right side first to remove it from the Lower Cover.

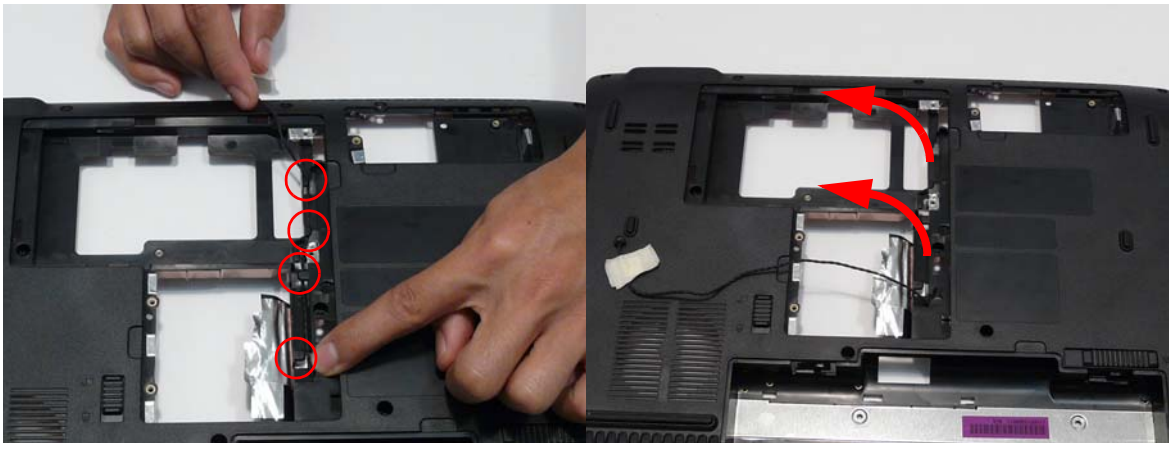


Removing the RJ-11 Port

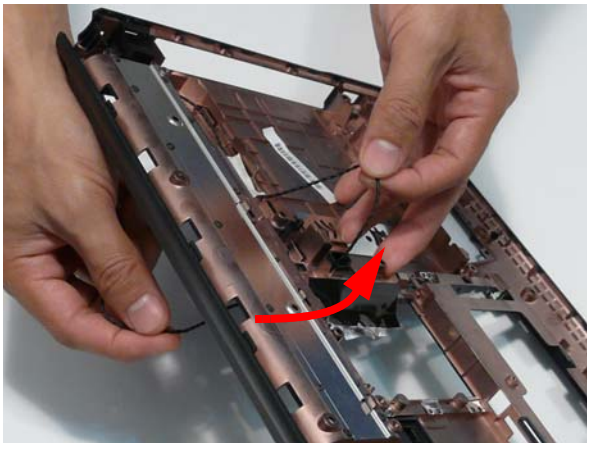
1. See “Removing the Mainboard” on page 81.
2. Turn the Lower Cover over and pull the Modem cable through the casing as shown.



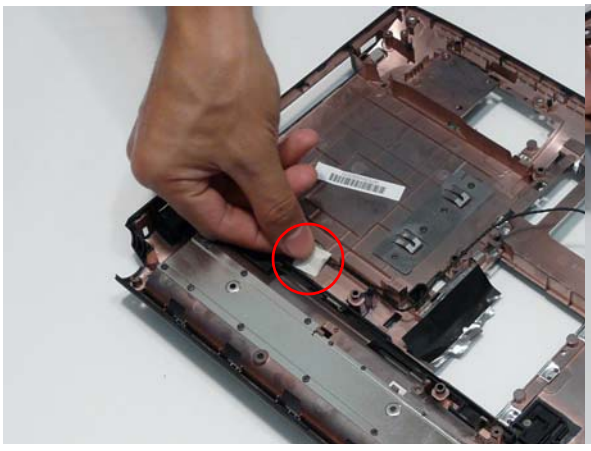
3. Completely remove the Modem cable from the cable channel.

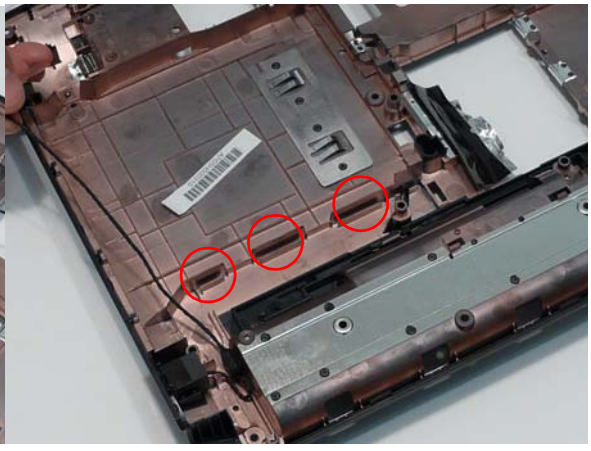


4. Turn the computer over. Pull the Modem cable completely through the casing as shown.

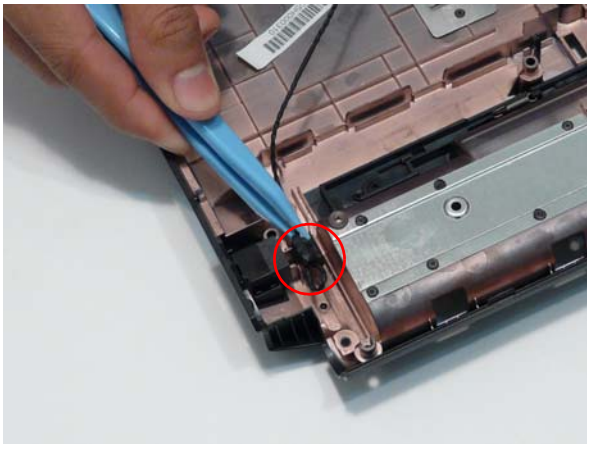


5. Remove the adhesive tape and lift the cable out of the cable channel as shown.

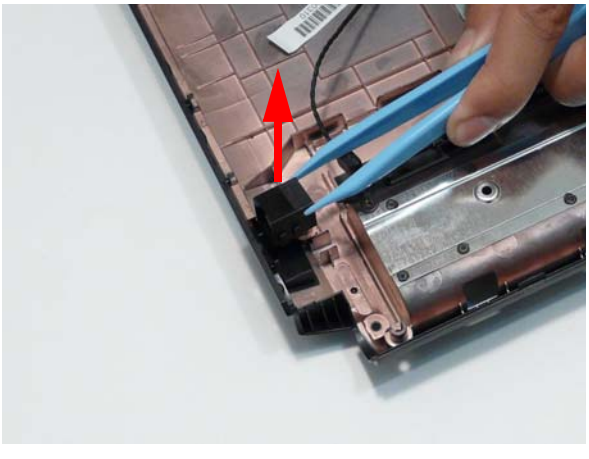




6. Detach the adhesive and lift the cable bundle out of the casing.

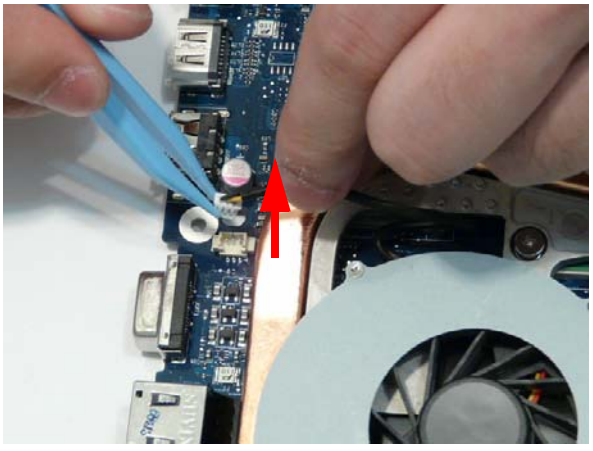


7. Remove the RJ-11 Port from the casing.

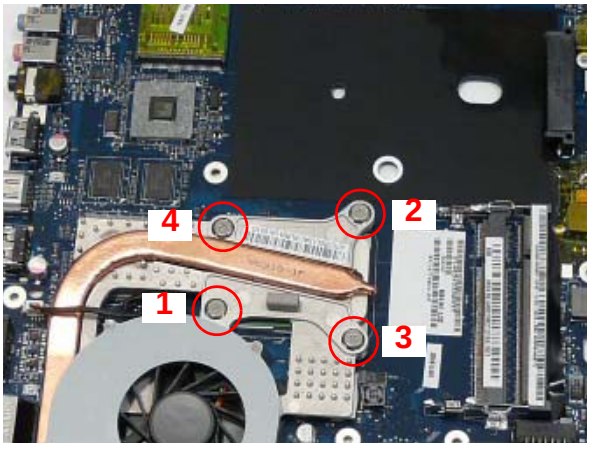


Removing the Thermal Module

1. See “Removing the Mainboard” on page 81.
2. Turn the Mainboard over and place on a clean surface.
3. Hold the fan cable connector and lift to disconnect from the mainboard.



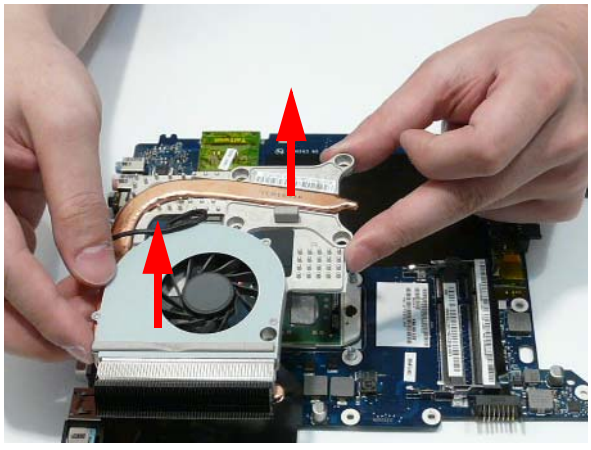
4. Remove the four screws from the Thermal Module numerically, from 4 to 1.



Step	Size	Quantity	Screw Type
Thermal Module	M 2.5*3.2	4	

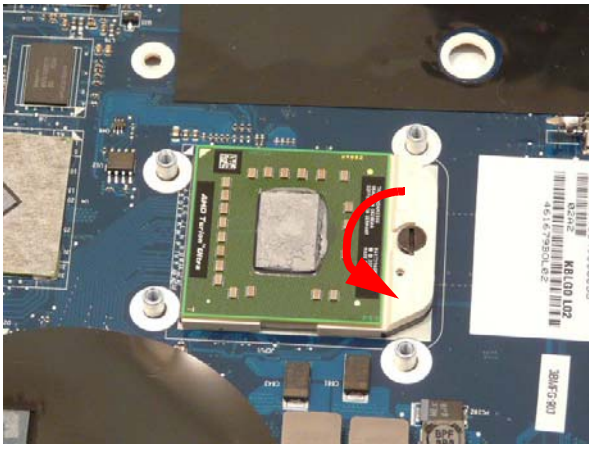
WARNING: To prevent damage to the Thermal Module or the CPU, hold and lift the Thermal Module by lifting both ends up and away at the same time.

5. Hold the module on both sides and lift it clear of the Mainboard.

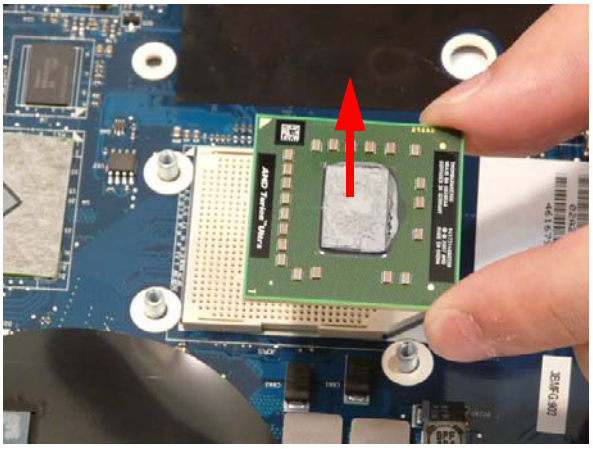


Removing the CPU

1. See “Removing the Thermal Module” on page 84.
2. Using a flat screwdriver, turn the CPU socket latch counter-clockwise 180° to release the CPU.

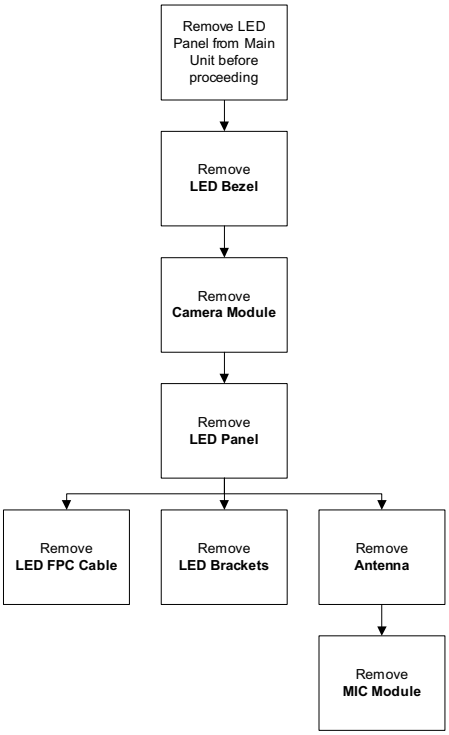


3. Lift the CPU clear of the Mainboard.



LCD Module Disassembly Process

LCD Module Disassembly Flowchart



Screw List

Step	Screw	Quantity	Part No.
LCD Bezel	M2.5*5	6	86.PAA02.003
Camera Module	M2.5*3	1	86.PAA02.002
LCD Panel	M2.5*5	2	86.PAA02.003
	M2.5*3	1	86.PAA02.002
LCD Brackets	M2*3	6	86.PAA02.001

Removing the LCD Bezel

1. See “Removing the LCD Module” on page 62.
2. Remove the six screw caps and screws as shown.

Step	Size	Quantity	Screw Type
LCD Bezel	M2.5*5	6	

3. Starting at the centre of the top edge, pry the inside of the bezel away from the screen. Work round the edges to pry the bezel away from the screen as shown.

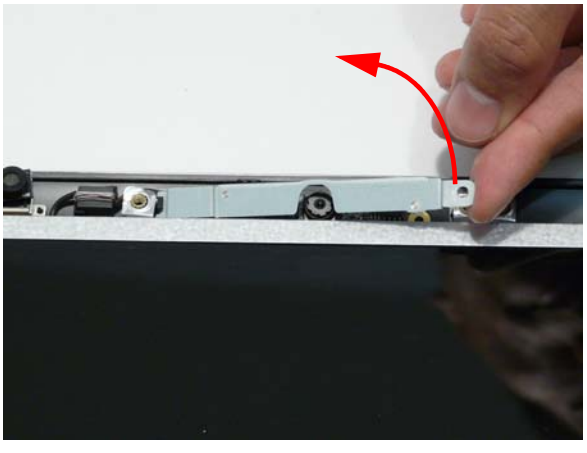
4. Lift the bezel away from the panel.

Removing the Camera Module

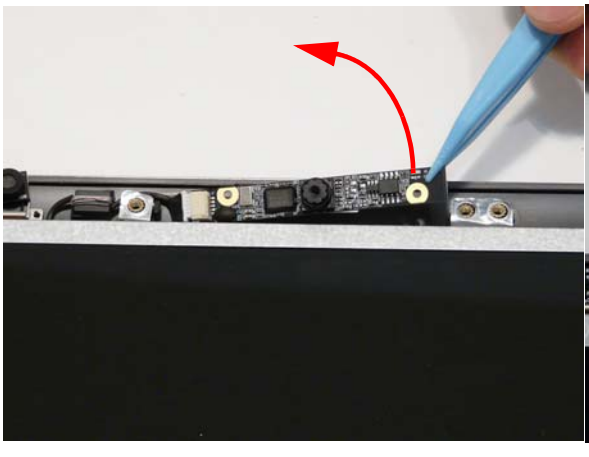
1. See “Removing the LCD Bezel” on page 88.
2. Remove the single screw from the Camera Bracket as shown.

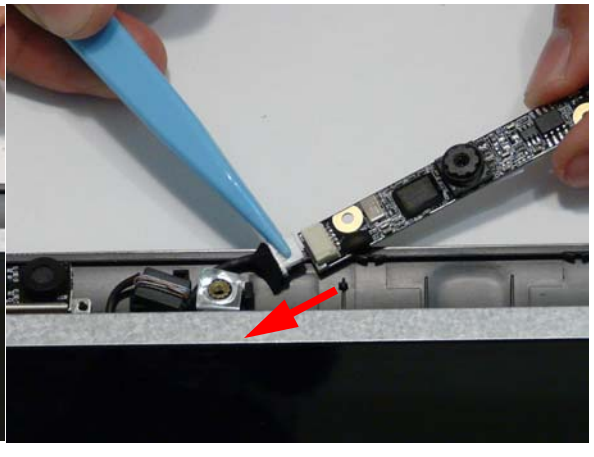
Step	Size	Quantity	Screw Type
Camera Module	M2.5*3	1	

3. Lift the Camera Bracket, right side first, clear of the casing.



4. Lift the Camera Module clear of the casing and disconnect the cable from the Module.





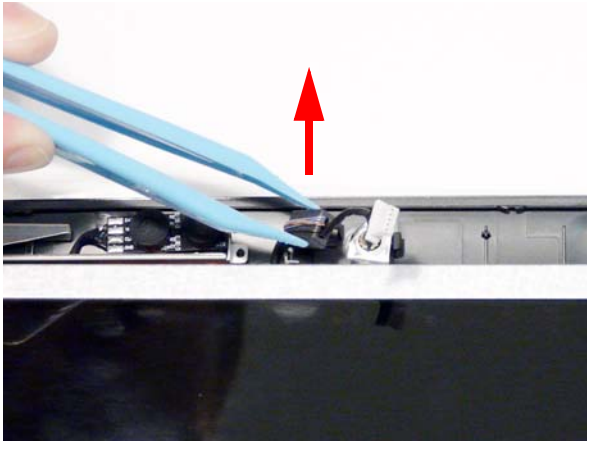
5. Remove the Camera Module.

Removing the LCD Panel

1. See “Removing the Camera Module” on page 90.
2. Remove the two securing screws from the LCD hinges and the single LCD grounding screw.

Step	Size	Quantity	Screw Type
LCD Panel (red callout)	M2.5*5	2	
LCD Panel (green callout)	M2.5*3	1	

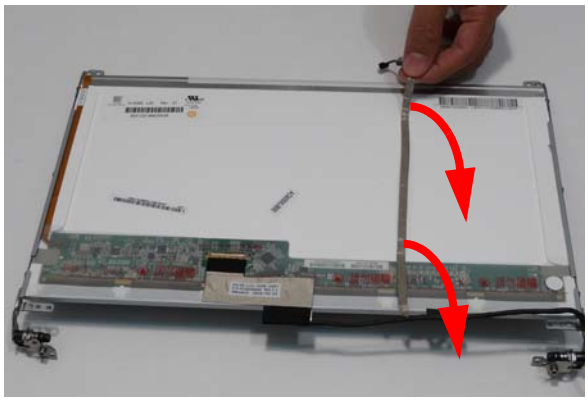
3. Remove the Camera cable bundle from the top of the casing as shown.

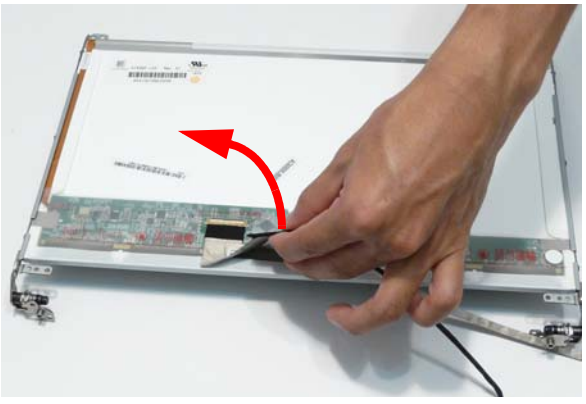


4. Lift the LCD Panel out of the casing as shown.

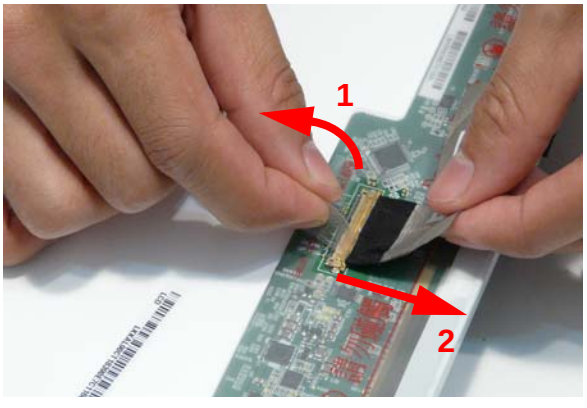
Removing the LCD Brackets and FPC Cable

1. See “Removing the LCD Panel” on page 91.
2. Turn the LCD Panel over on a clean surface, and lift the cable as shown to detach the adhesive.

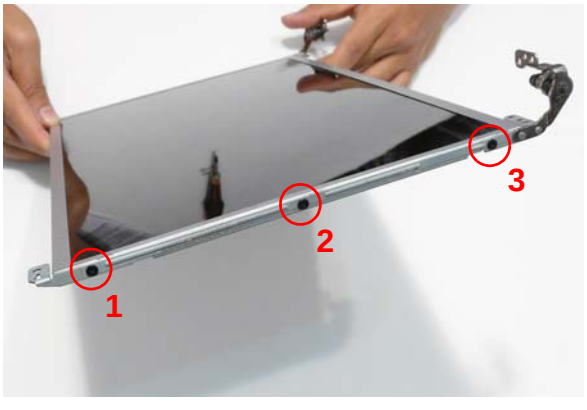




3. Grip the adhesive strip covering the LCD cable connector and pull it back (1).
4. Remove the cable from the panel as shown (2).



5. Remove the six securing screws (three on each side) from the LCD Panel brackets in numeric order, from 3 to 1.



Step	Size	Quantity	Screw Type
LCD Brackets	M2*3	6	

6. Remove the LCD brackets by pulling them away from the LCD Panel.

Removing the Antennas

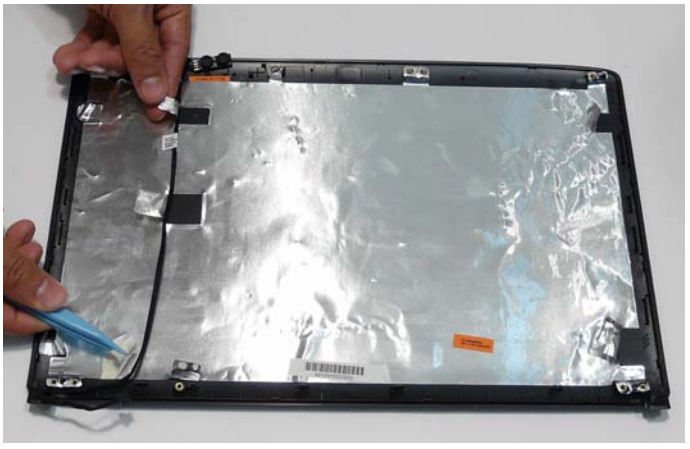
1. See “Removing the LCD Panel” on page 91.
2. Remove the strips holding the antenna cables in place. Ensure the cables are free from obstructions.

3. Remove the tab securing the left and right antennas to the LCD module and lift the antennas clear.

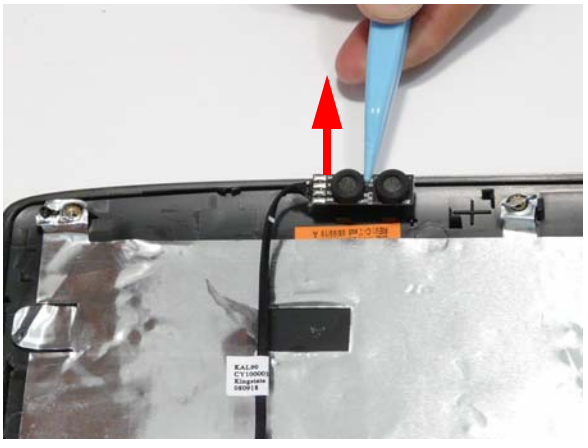
4. Remove the antenna cables and assembly from the LCD module.

Removing the MIC Module

1. See “Removing the Antennas” on page 94.
2. Remove the strips and tape holding the MIC Module cable in place. Ensure the cable is free from obstructions.



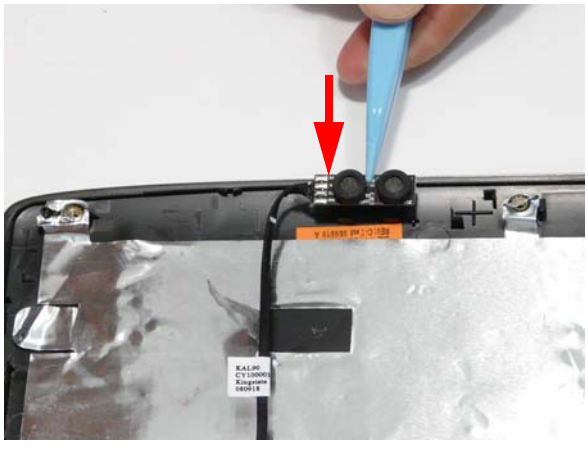
3. Remove the MIC cable and Module from the LCD module.



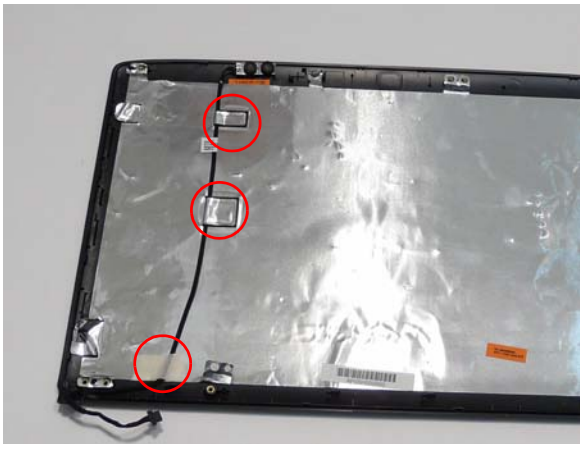
LCD Module Reassembly Procedure

Replacing the MIC Module

1. Replace the MIC Module in the LCD casing.



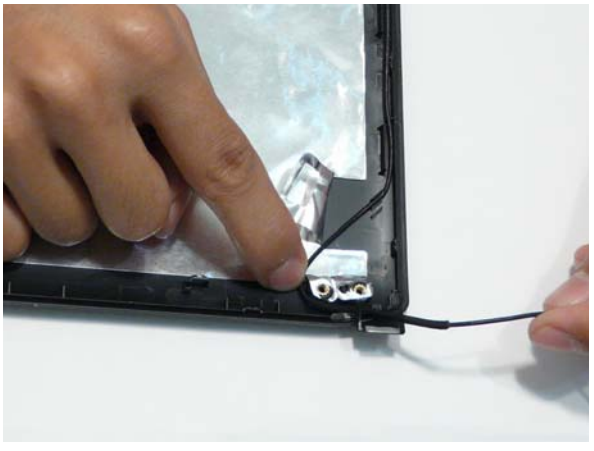
2. Run the cable as shown and replace the adhesive strips to hold it in place.



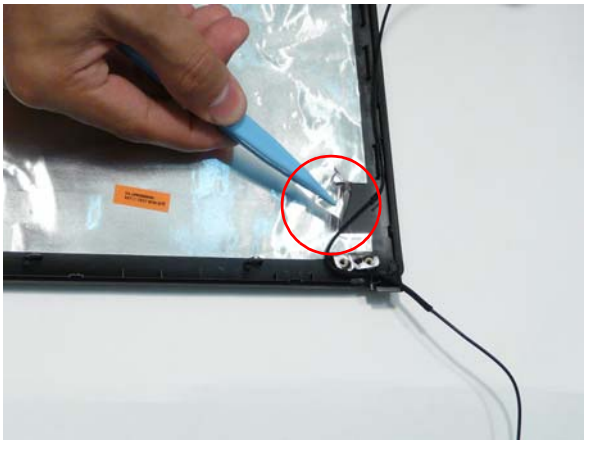
IMPORTANT: Ensure that the cable runs as shown in the hinge well area to avoid trapping.

Replacing the Antennas

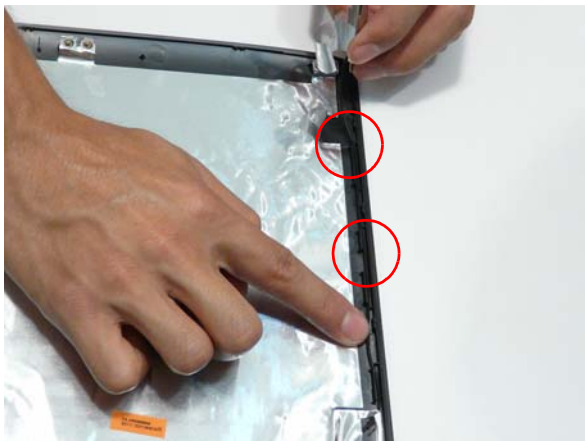
1. Run the right side Antenna cable as shown in the hinge well to avoid trapping.



2. Run the cable as shown and replace the adhesive strip.

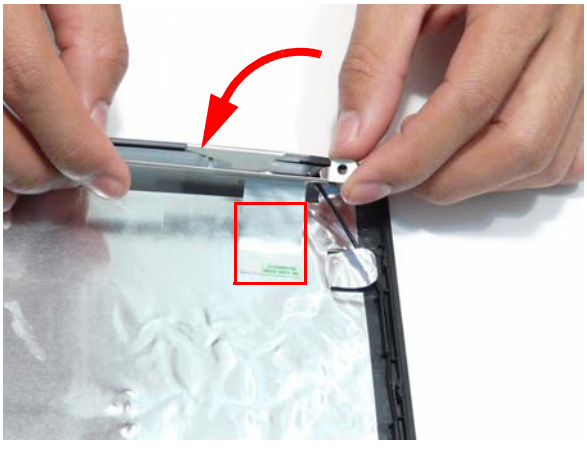


3. Run the cable along the edge of the casing using all available cable clips.



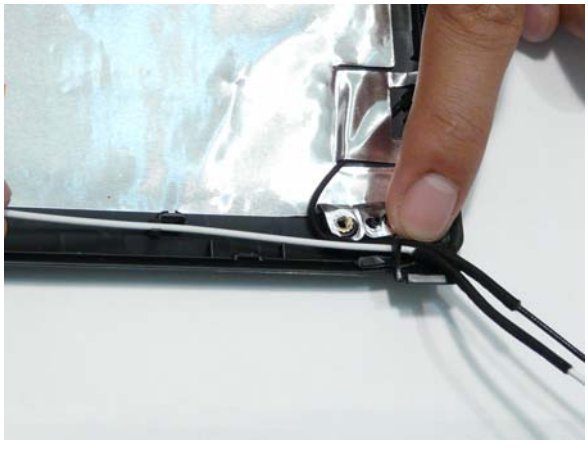
4. Run the cable as shown and replace the adhesive strip.

5. Replace the Antenna in the casing as shown and secure it in place with the tape.

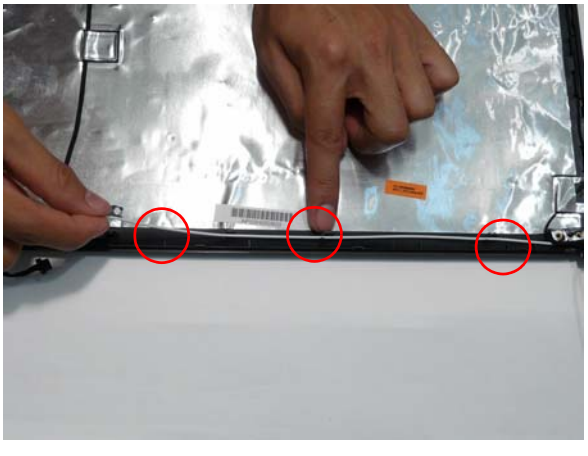


6. Ensure that the securing pin is properly located.

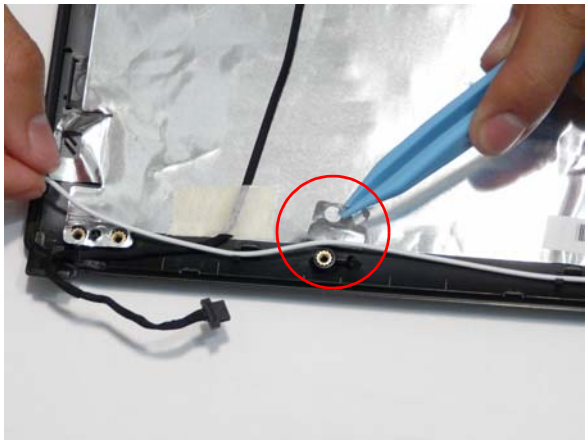
7. Run the left side Antenna cable as shown in the hinge well to avoid trapping.



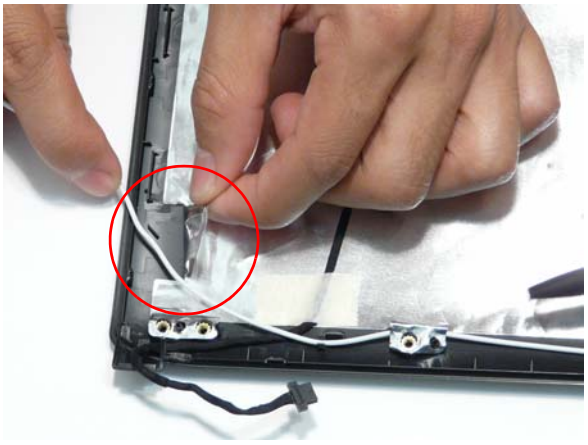
8. Run the cable along the edge of the casing using all available cable clips.



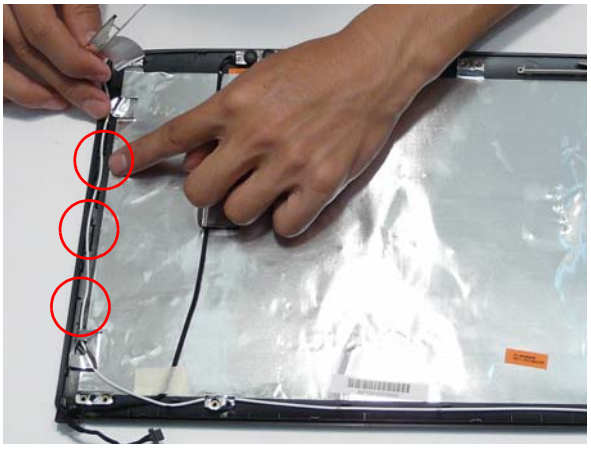
9. Run the cable as shown and replace the adhesive strip.



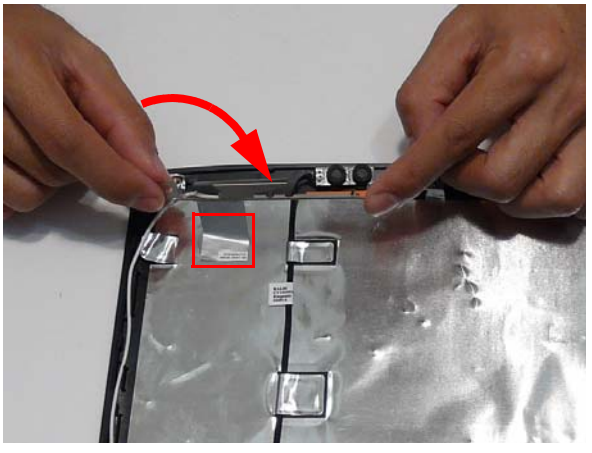
10. Run the cable as shown and replace the adhesive strip.



11. Run the cable along the edge of the casing using all available cable clips.



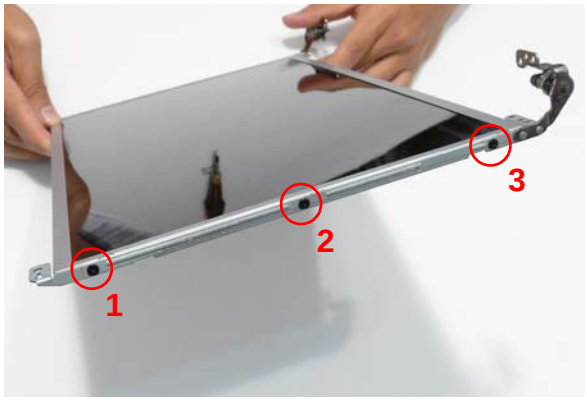
12. Replace the Antenna in the casing as shown and secure it in place with the tape.

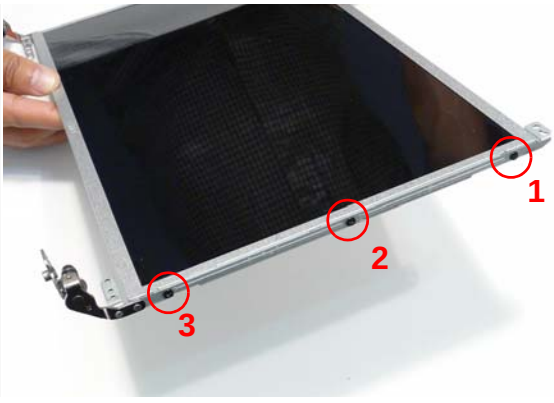


13. Ensure that the securing pin is properly located.

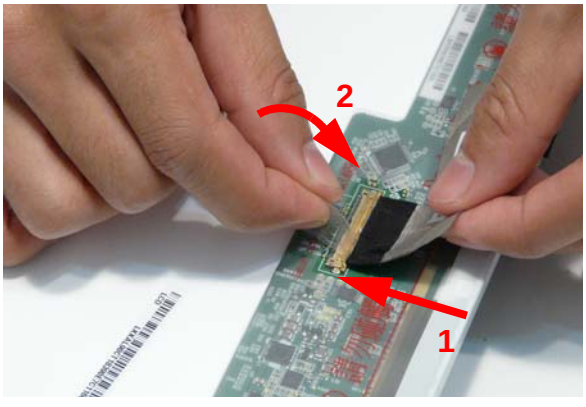
Replacing the LCD Panel

1. Align the LCD brackets with the six screw holes (three on each side) on the LCD Panel as shown.
2. Replace the six securing screws in numeric order, from 1 to 3.

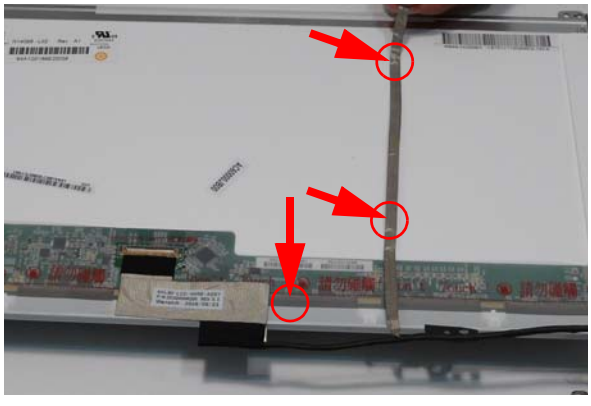




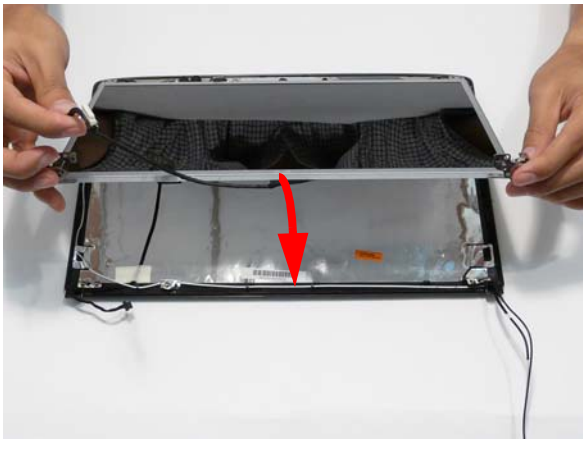
3. Turn the panel over. Insert the LCD Panel cable into the LCD Panel as shown (1). Secure the cable by replacing the securing strip (2).



4. Run the LCD cable as shown and press down along the length of the cable to secure it in place.

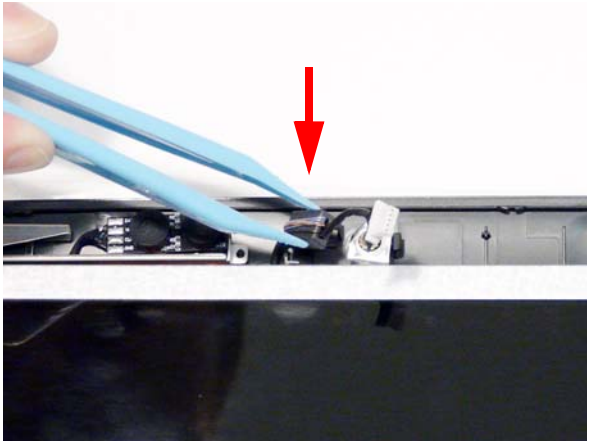


5. Insert the LCD panel into the casing back edge first as shown.



6. Ensure that the four locating pins are properly seated before continuing.

7. Replace the Camera Module cable bundle in the casing as shown.

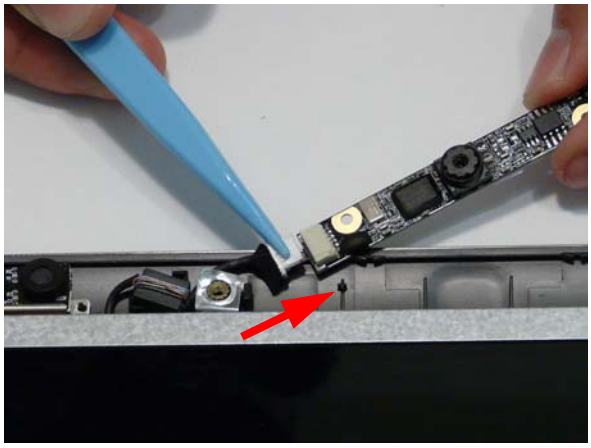


8. Replace the three screws to secure the panel and grounding within the LCD module.

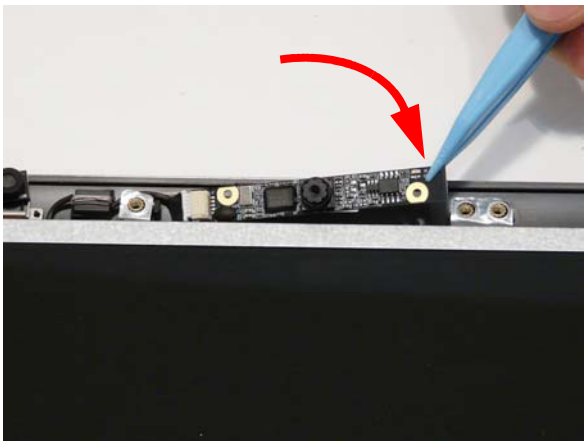
IMPORTANT: When replacing the screws in the LCD brackets (red callout) do not use the screw holes marked with ‘X’. These slots are reserved for the Bezel securing screws.

Replacing the Camera Module

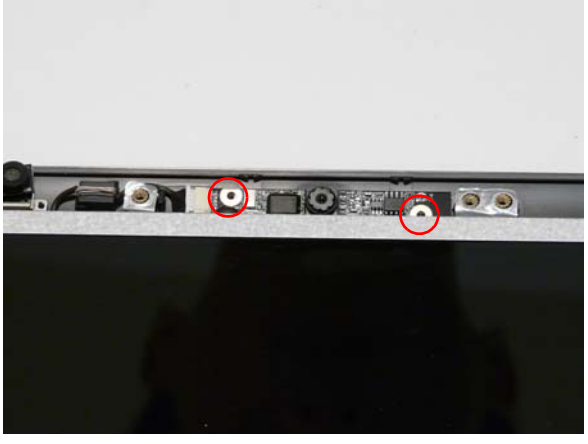
1. Reconnect the LCD cable to the Camera Module.



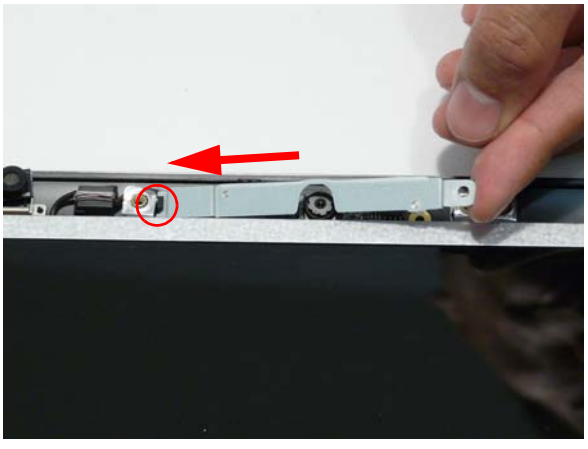
2. Place the Camera Module in the casing as shown.



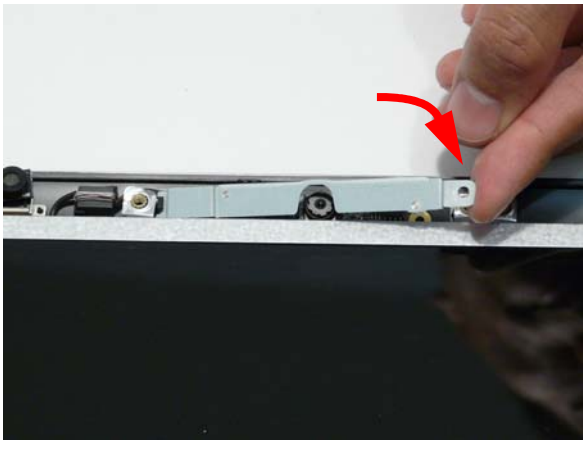
3. Ensure that the locating pins are correctly seated.



4. Insert the Camera Bracket left side first to engage the securing clip.



5. Lower the bracket into place as shown



6. Replace the single securing screw.

Replacing the LCD Bezel

1. Place the Bezel on the casing bottom edge first and press in the areas marked to snap it into place.

2. Press down the sides of the bezel, working toward the top edge.

3. Press down the top edge to complete the process.

IMPORTANT: Ensure there are no gaps between the casing and the Bezel.

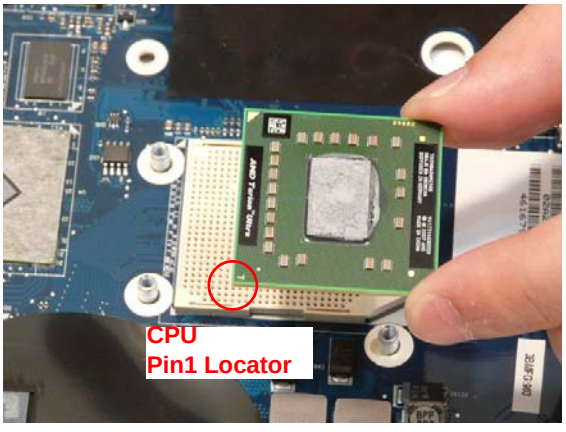
4. Replace the six securing screws and screw caps on the LCD bezel.

Main Module Reassembly Procedure

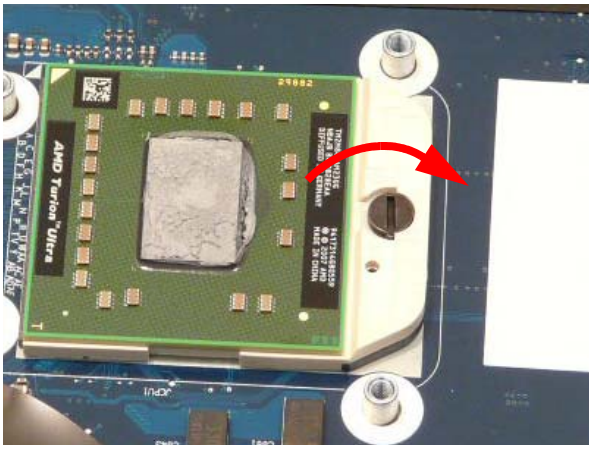
Replacing the CPU

IMPORTANT: The CPU has a Pin1 locator that must be positioned corresponding to the marker on the CPU socket.

1. Place the CPU into the CPU socket as shown, taking note of the Pin1 locator.



2. Using a flat-bladed screw driver, rotate the CPU locking screw 180° clockwise to secure the CPU in place.



Replacing the Thermal Module

WARNING: To prevent damage to the Thermal Module or the CPU, hold the Thermal Module by both ends at the same time.

IMPORTANT: Ensure all heat pads / thermal compound are in place before replacing the Thermal Module.

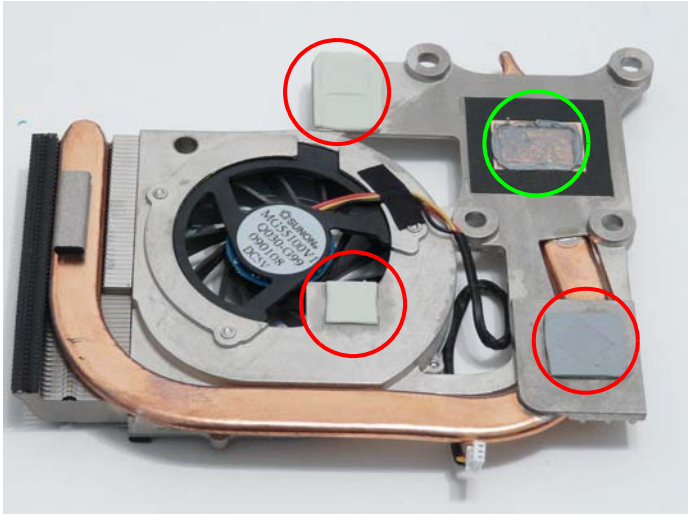
The following thermal pads are approved for use:

- Silmore GP50
- Honeywell
- Jet Motor 7762

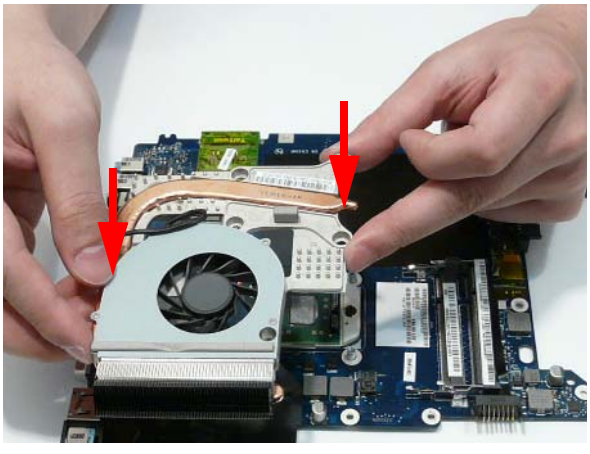
The following thermal compounds are approved for use:

- Eapus XR-PE

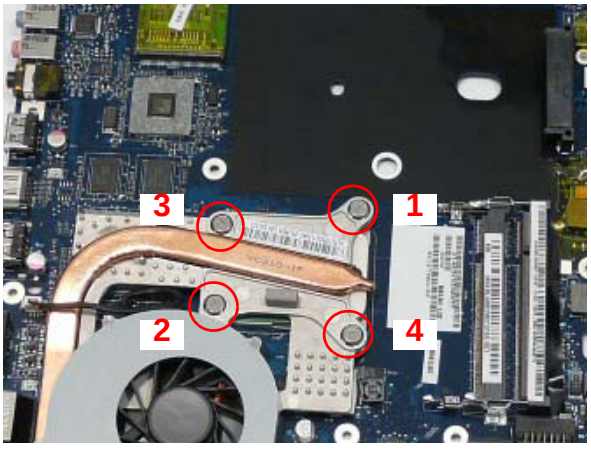
1. Remove all traces of thermal grease or pads from the CPU using a lint-free cloth or cotton swab and Isopropyl Alcohol, Acetone, or other approved cleaning agent.
2. Apply thermal grease (green callout) and thermal pads (red callout) to the indicated locations.



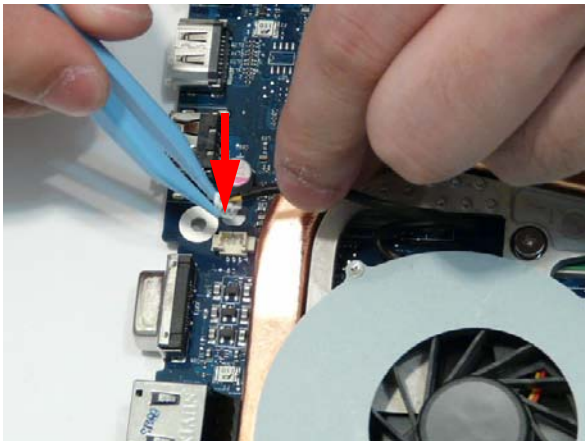
1. Align and place the Thermal Module in the on the mainboard as shown.



2. Remove the four screws from the Thermal Module numerically, from 1 to 4.



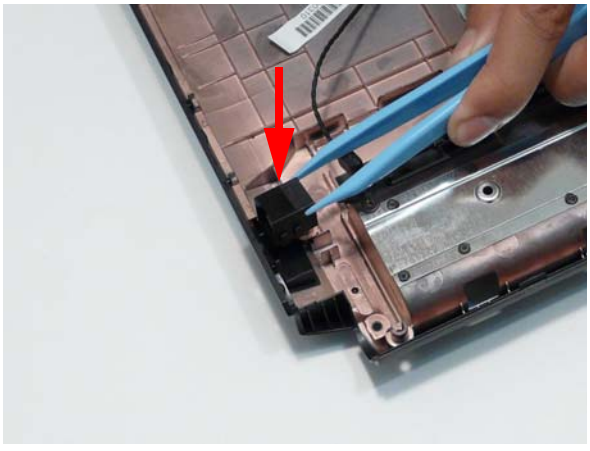
3. Connect fan cable to the mainboard as shown.



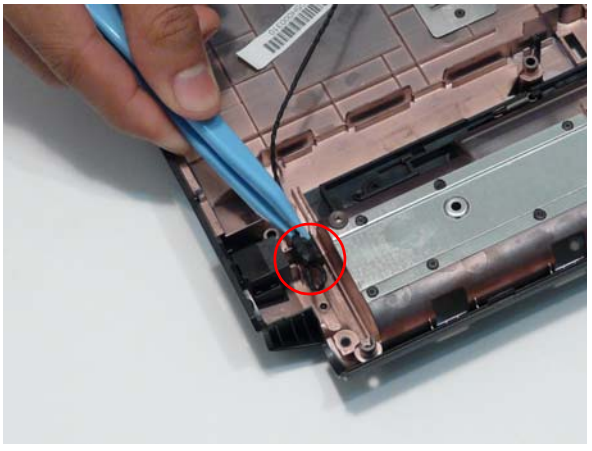
Step	Size	Quantity	Screw Type
Thermal Module	M 2.5*3.2	4	

Replacing the RJ-11 Port

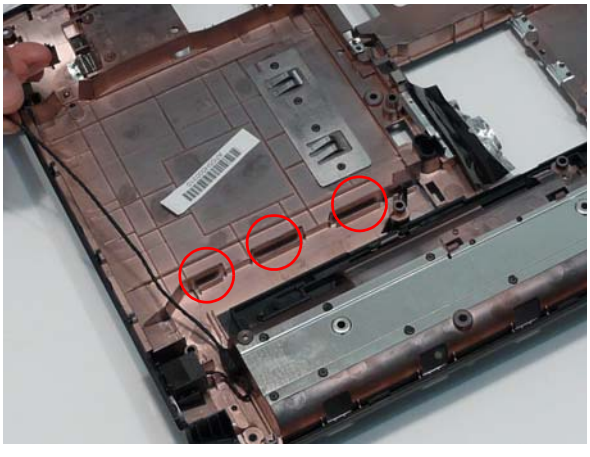
1. Replace the RJ-11 Port in the casing as shown.



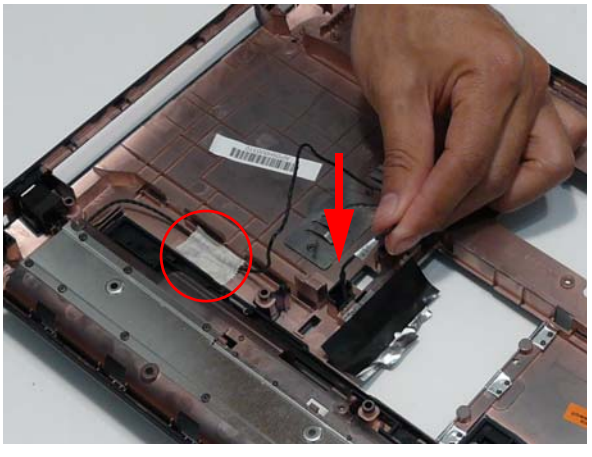
2. Place the cable bundle in the casing and apply pressure to secure the adhesive in place.



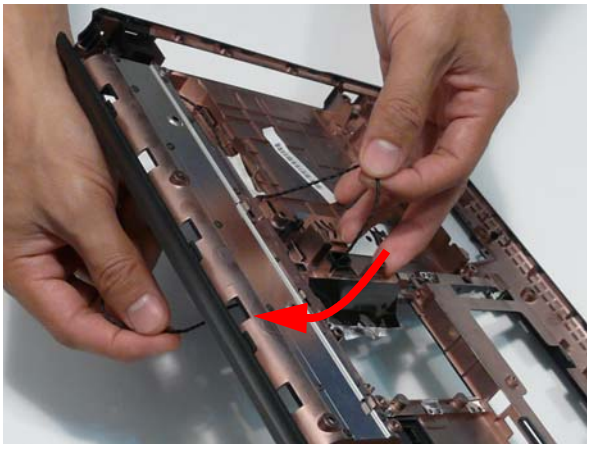
3. Run the cable along the cable channel using all available cable clips.



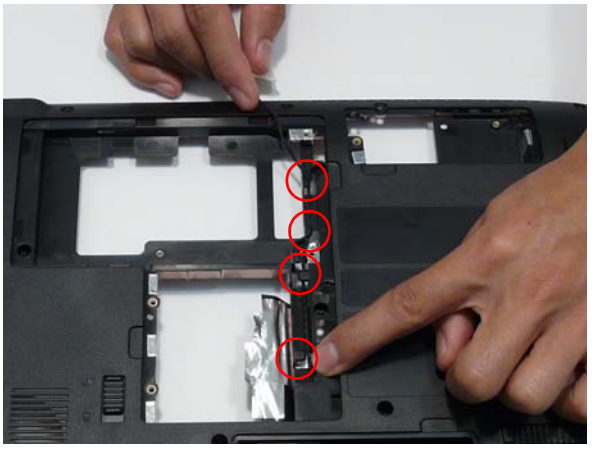
4. Replace the adhesive tape and insert the cable through the casing as shown.



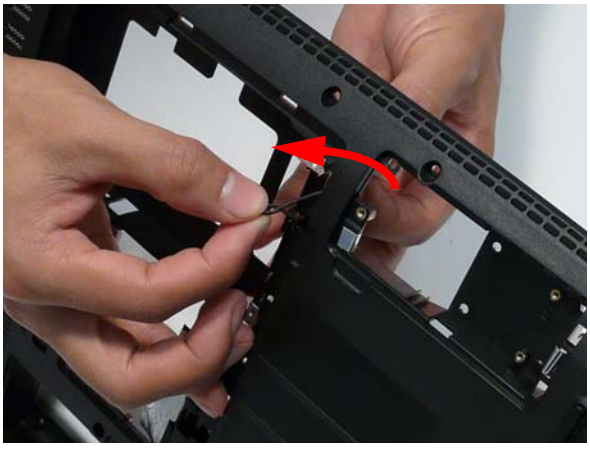
5. Pull the cable through the casing completely.



6. Turn the computer over and run the cable along the cable channel using all available cable clips.

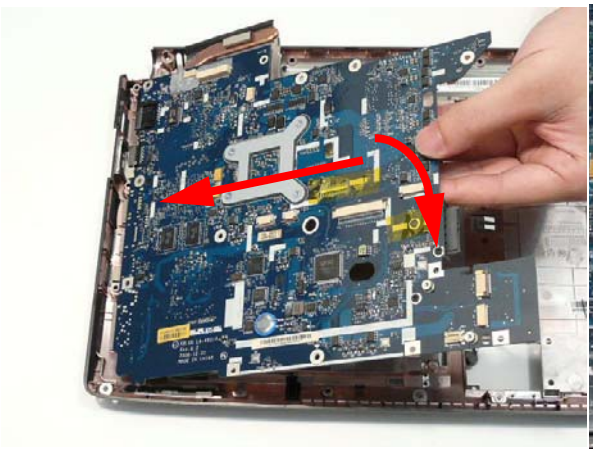


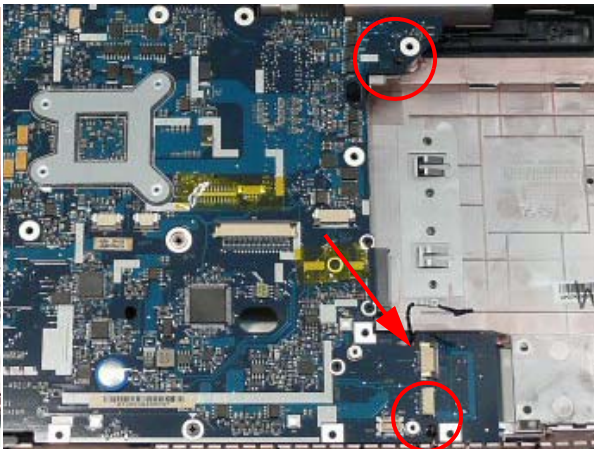
7. Insert the cable through the casing to the top side as shown.



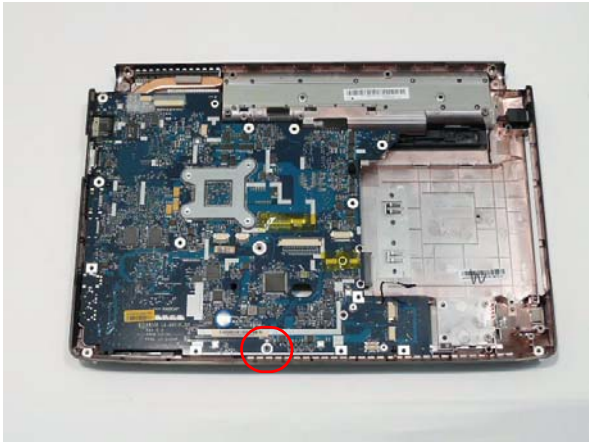
Replacing the Mainboard

1. Ensure that the Mainboard is face up. Place the Mainboard in the chassis, left hand edge first to allow the I/O Ports through the casing, then lower it into place. Be sure to align the securing pins and slide the RJ-11 cable through the groove in the main board as shown





2. Insert the single securing screw.



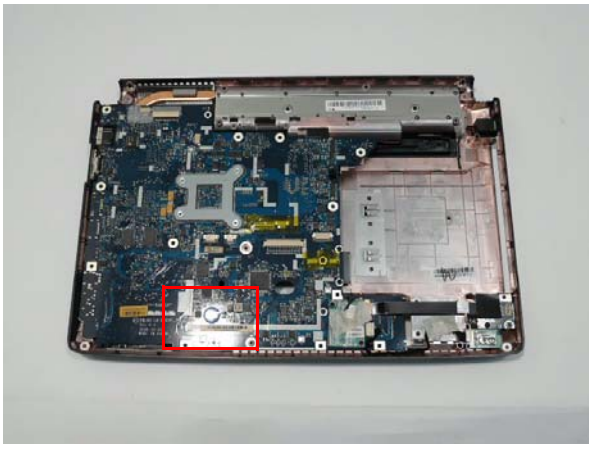
Step	Size	Quantity	Screw Type
Mainboard	M2.5*3	1	

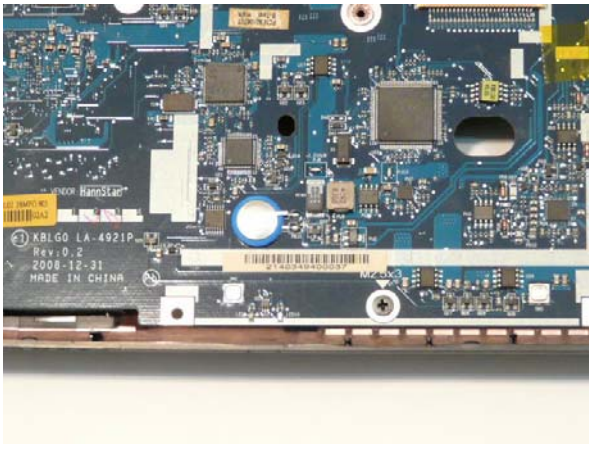
NOTE: Make sure the I/O ports are positioned correctly through the lower cover, and the screw sockets are visible through the mainboard.

Removing the RTC Battery

IMPORTANT: Follow local regulations for disposal of all batteries.

The RTC Battery is soldered to the Mainboard. To replace the battery, solder the new battery to the connections shown.

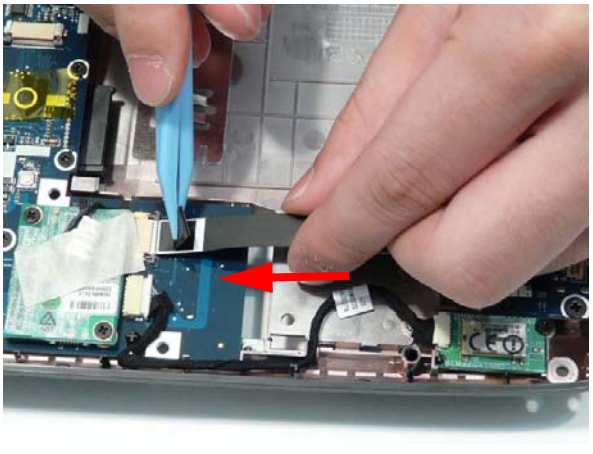




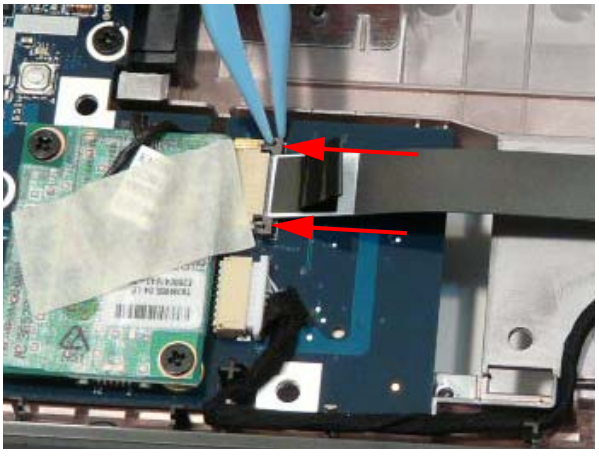
Replacing the USB Board

1. Insert the USB Board into the casing, ensuring that the USB Port is accessible through the case.

2. Run the cable along the casing and insert it into the FFC connector.



3. Lock the connector and press down on the FFC securing latches to secure it on the casing.

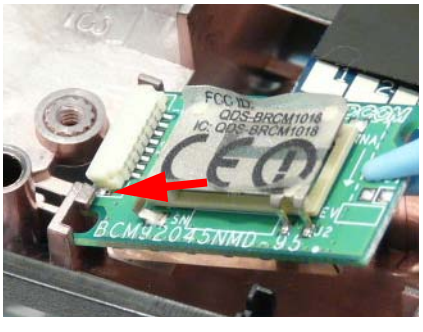


4. Ensure the locating pins is correctly seated and replace the single securing screw.

Step	Size	Quantity	Screw Type
USB Board	M2.5*3	1	

Replacing the Bluetooth Board

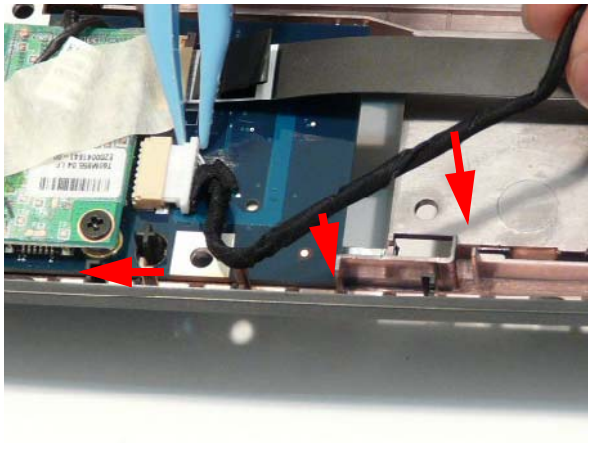
1. Insert the Bluetooth Module left side first so the board slides under the securing flange and lower it into place.



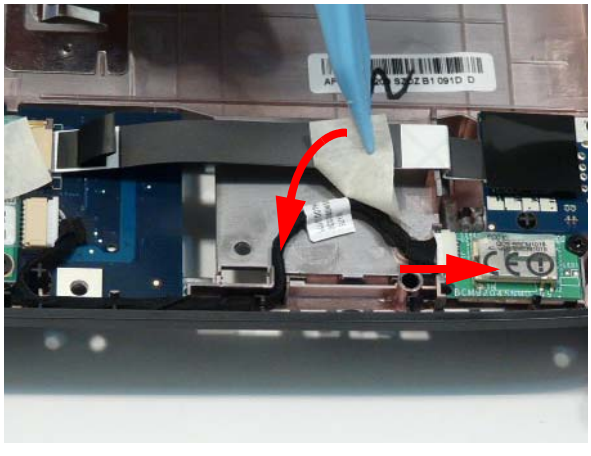
2. Replace the single securing screw.

Step	Size	Quantity	Screw Type
Bluetooth Module	M2*3	1	

3. Reconnect the Bluetooth cable to the Mainboard and insert the cable into the cable channel on the Front Cover.

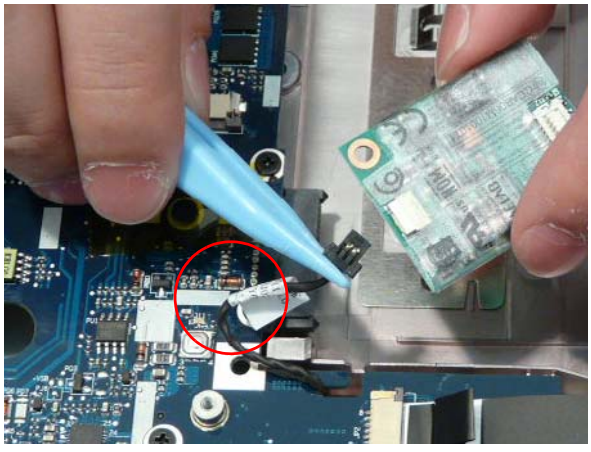


4. Reconnect the Bluetooth cable to the Bluetooth Module and secure the cable in place with the tape.

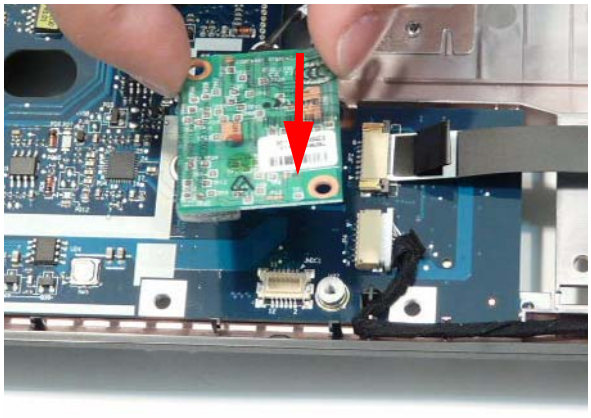


Replacing the Modem Module

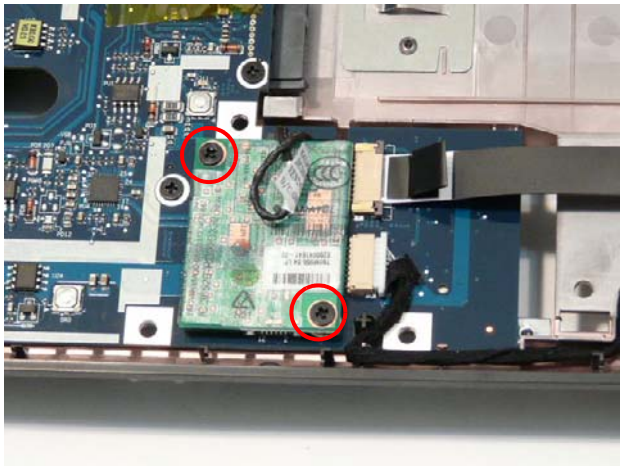
1. Connect the modem cable as shown.



2. Flip the modem board over and Replace the Modem Module on the Mainboard.

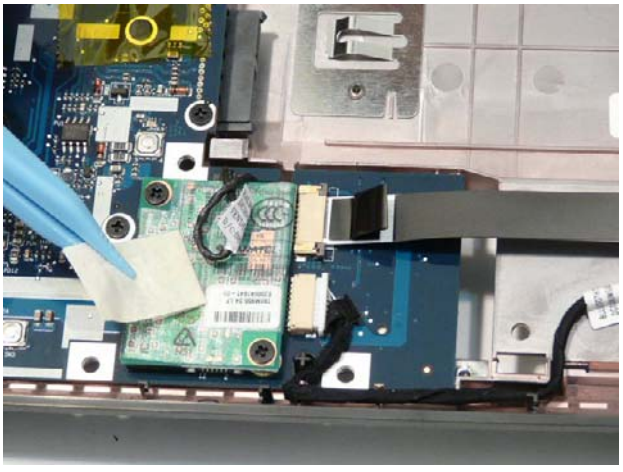


3. Align the screw sockets and replace the two screws.



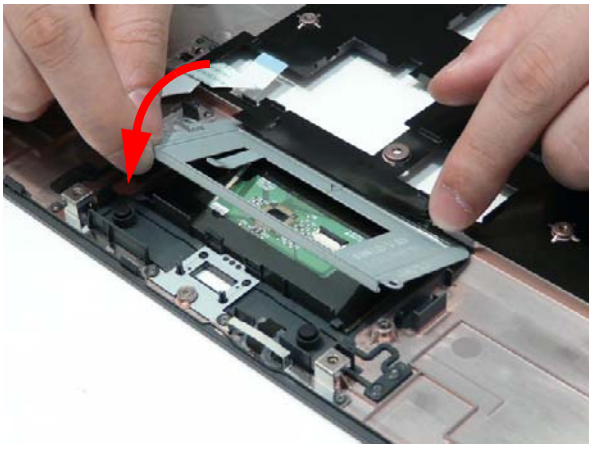
Step	Size	Quantity	Screw Type
Modem Module	M2*3	2	

4. Secure the Modem cable in place with the adhesive tape.

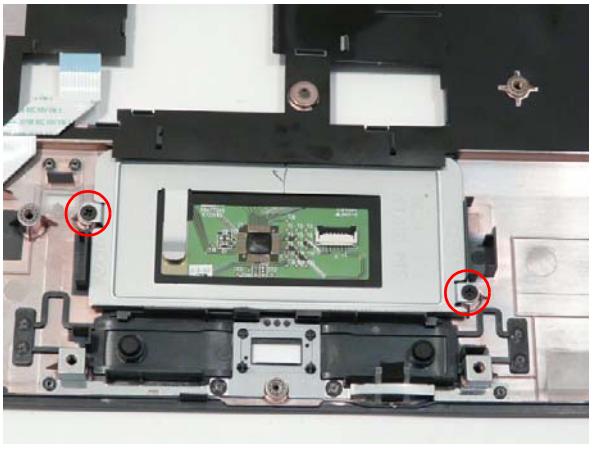


Replacing the TouchPad Bracket

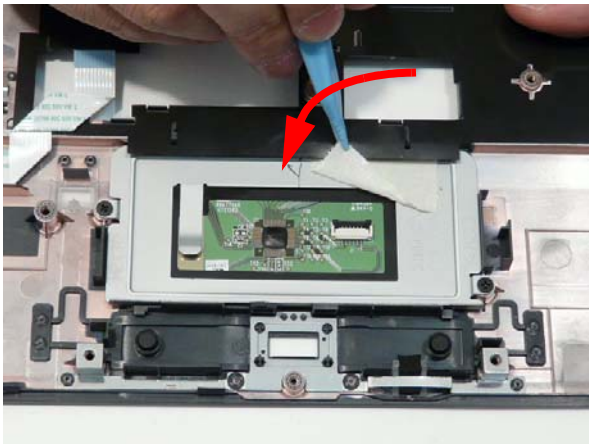
1. Place the TouchPad in the casing.



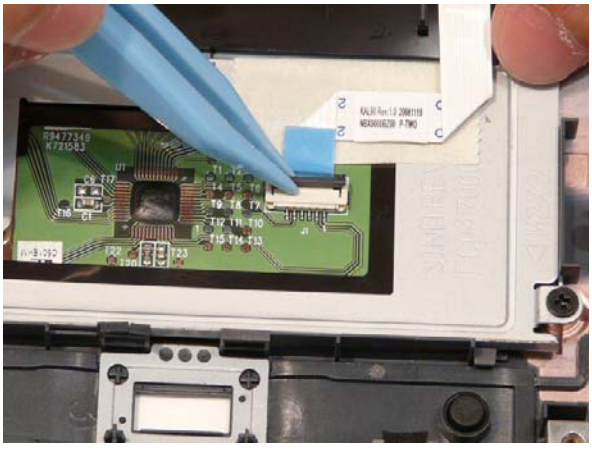
2. Replace the two securing screws.

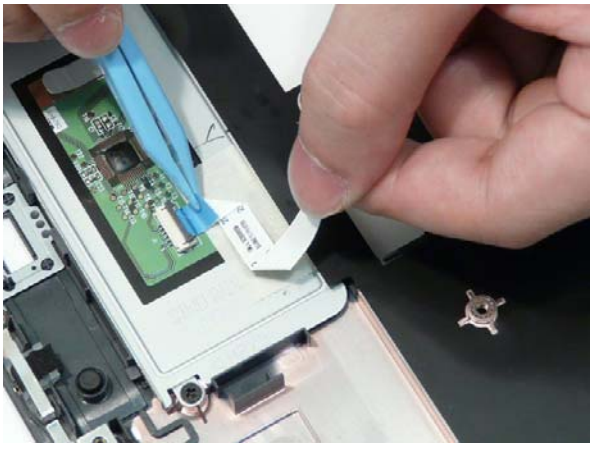


3. Replace the adhesive strip for the TouchPad Bracket.

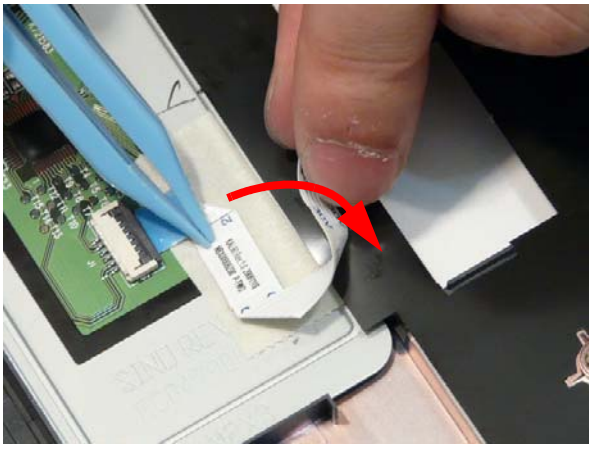


4. Replace the FFC and close the locking latch.



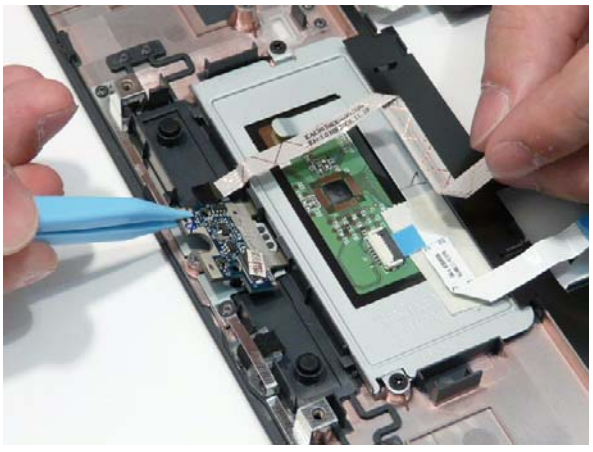


5. Run the cable along the Bracket and press down to secure it in place.

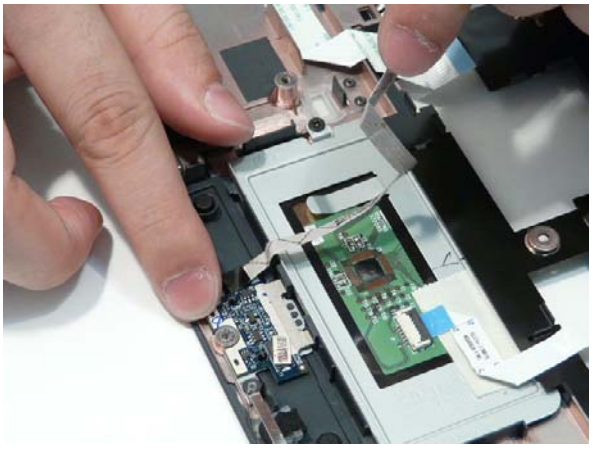


Replacing the Finger Print Reader

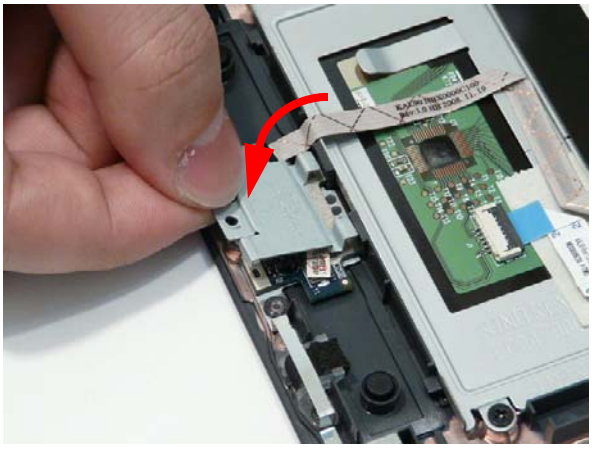
1. Replace the Finger Print Reader in the Upper Cover in the direction of the arrow.



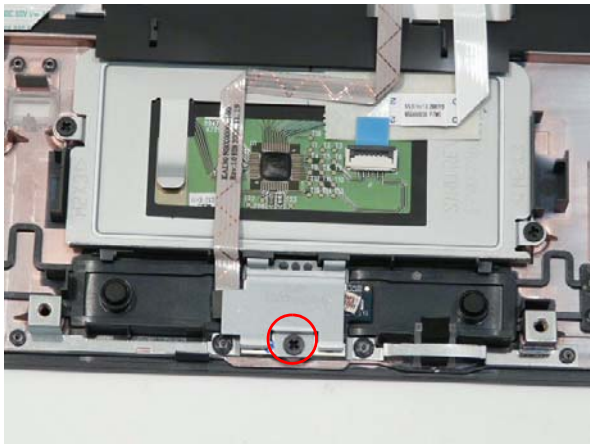
2. Run the FFC along the TouchPad bracket, as shown, and press down to secure it in place.



3. Replace the FInger Print Reader Bracket rear edge first and lower it into place.

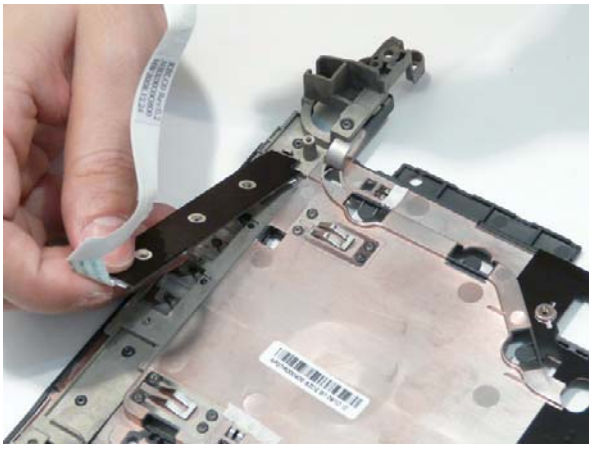


4. Replace the single securing screw.

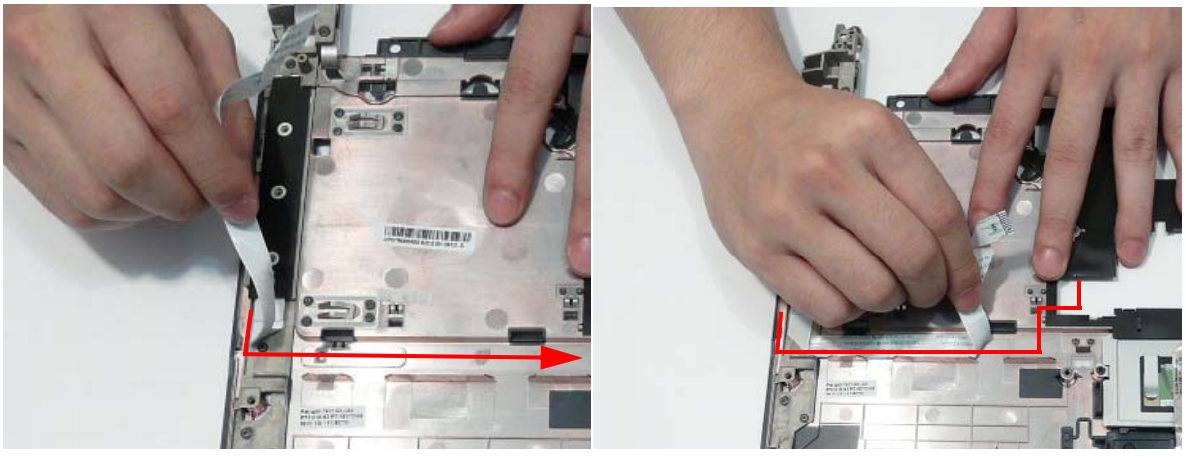


Replacing the Function Board

1. Place the Function Board on the Upper Cover so that the screw holes are aligned.



2. Place the FFC onto the Upper Cover as shown, attaching the adhesive to secure it in place.



3. Replace the three screws to secure the board to the Upper Cover.

Step	Size	Quantity	Screw Type
Function Board	M2*3	3	

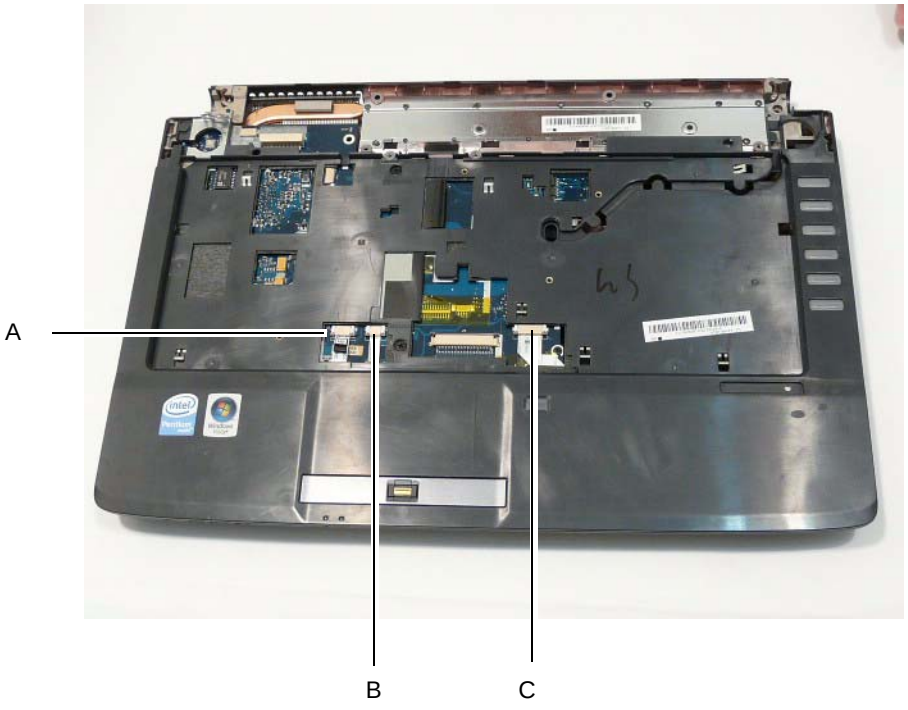
Replacing the Upper Cover

WARNING: Care must be taken when replacing the Upper Cover to prevent damage or stress to the surface.

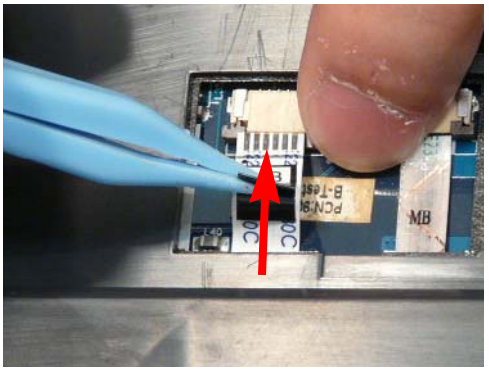
1. Place the Upper Cover on the Lower Cover, top right side first, and lower it into place.

2. Starting with the sides, press down all around the perimeter of the cover to secure it in place.

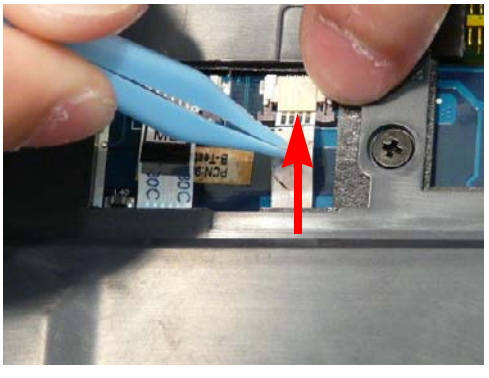
3. Reconnect the three FFC cables to the mainboard.



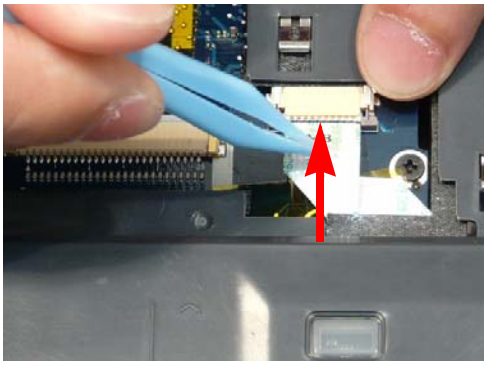
4. Connect A as shown and lock the connector.



5. Connect B as shown and lock the connector.



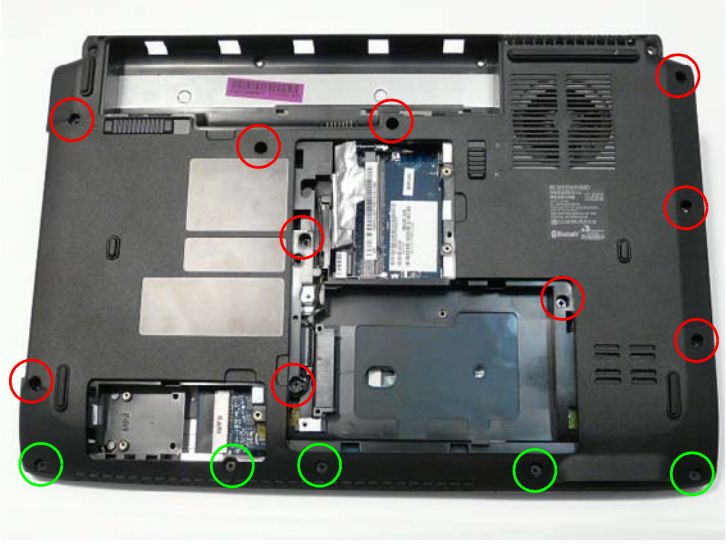
6. Connect C as shown and lock the connector.



7. Replace the two securing screws in the Upper Cover.

Step	Size	Quantity	Screw Type
Upper Cover (red callout)	M2.5*5	1	
Upper Cover (green callout)	M2.5*3	1	

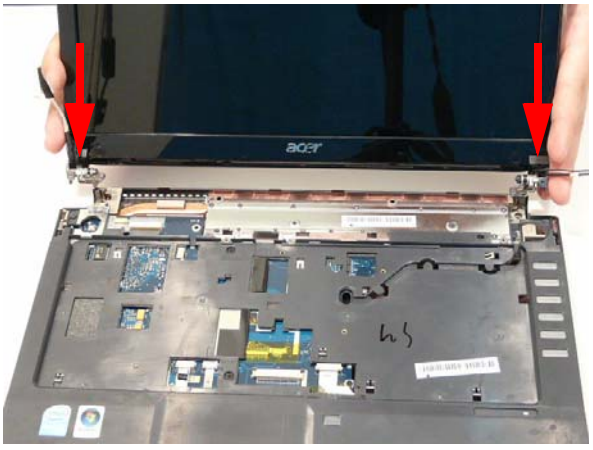
8. Turn the computer over. Replace the fifteen screws on the bottom panel.



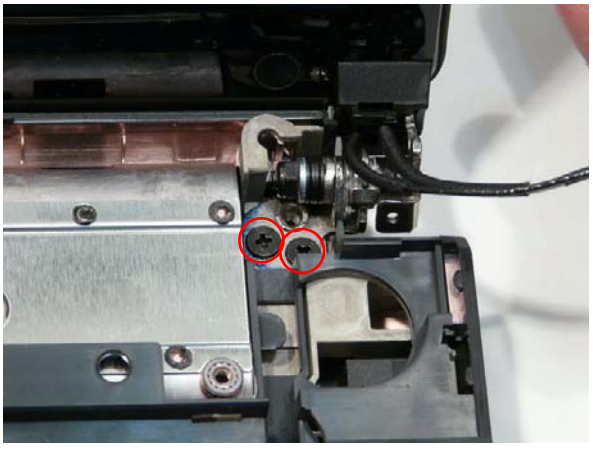
Step	Size	Quantity	Screw Type
Upper Cover (red call out)	M2.5*10	10	
Upper Cover (green callout)	M2.5*5	5	

Replacing the LCD Module

1. Carefully align the LCD module over the hinge sockets and lower the module into the chassis, taking care not to trap the LCD cables.

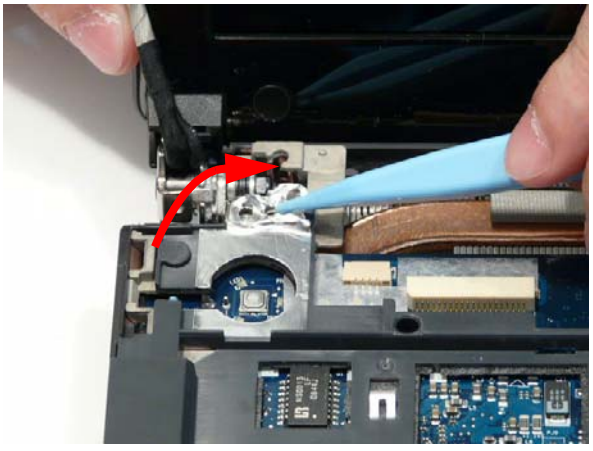


2. Replace the two securing screws on the right hinge as shown.

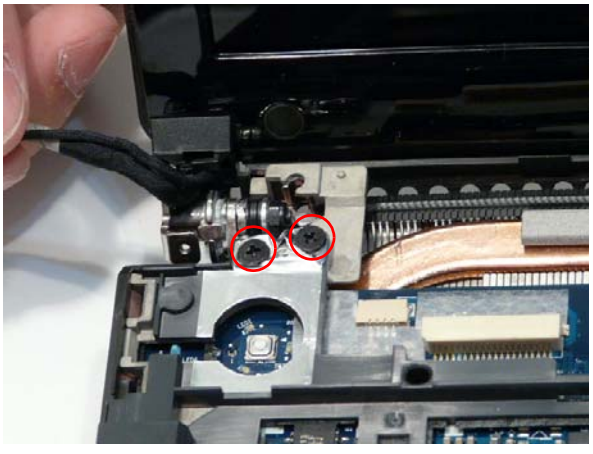


Step	Size	Quantity	Screw Type
LCD Module	M2.5*5	2	

3. Replace the adhesive strip on the left hinge.

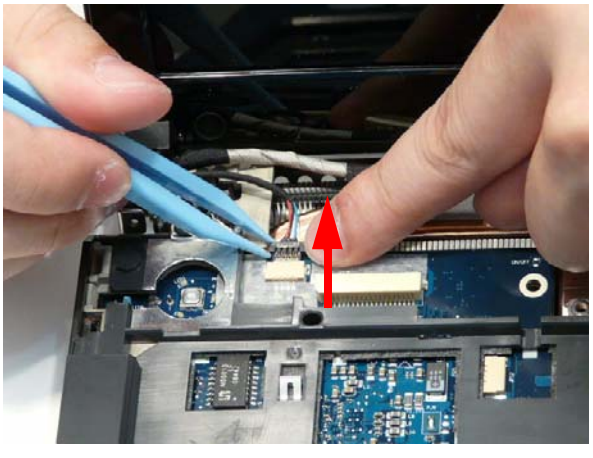


4. Replace the two securing screws on the left hinge as shown.

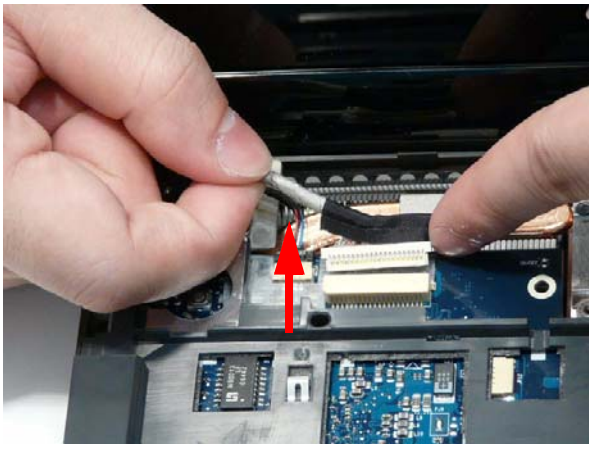


Step	Size	Quantity	Screw Type
LCD Module	M2.5*5	2	

5. Reconnect the Microphone cable to the Mainboard as shown.



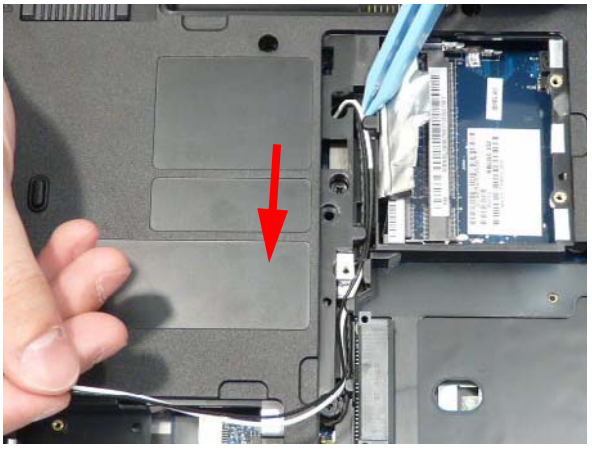
6. Reconnect the LVDS cable to the Mainboard as shown.



7. Insert the Antenna cables through the casing, as shown, and pull through from the underside.

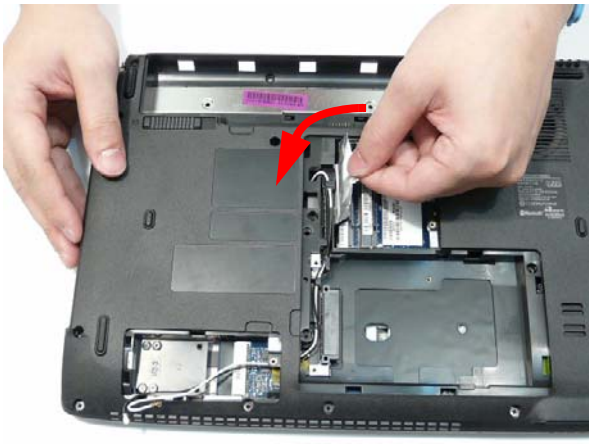
NOTE: Ensure the cable is pulled completely through the casing.

8. Run the Antenna cables along the cable channel as shown, using all available cable clips.

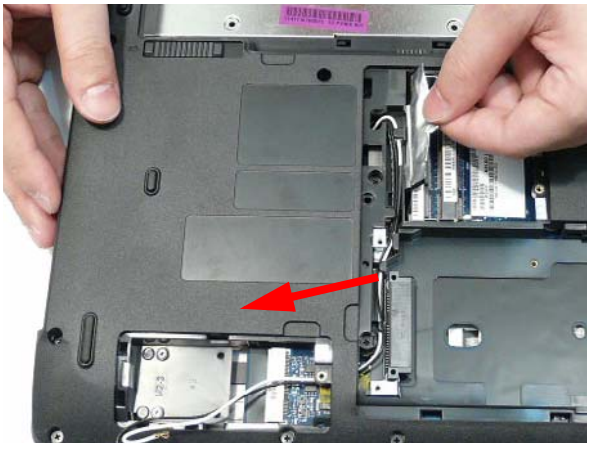


IMPORTANT: Run the cables as shown to avoid trapping when the Switch Cover is replaced.

9. Replace the adhesive strip to secure the cables in place.



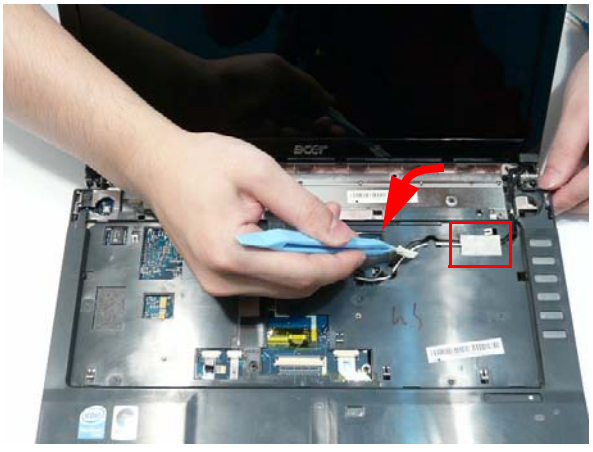
10. Pull the Antenna through the casing into the WLAN bay as shown.



11. Turn the computer over. Replace the two securing screws.

Step	Size	Quantity	Screw Type
LCD Module	M2.5*5	2	

12. Replace the two pieces of adhesive tape securing the Antenna cables to the Upper Cover.

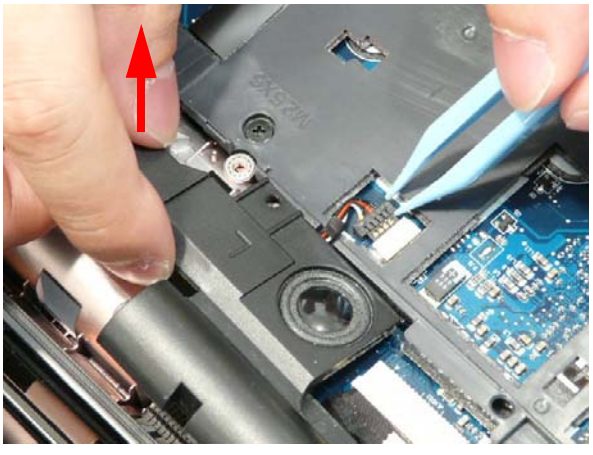


Replacing the Speaker Module

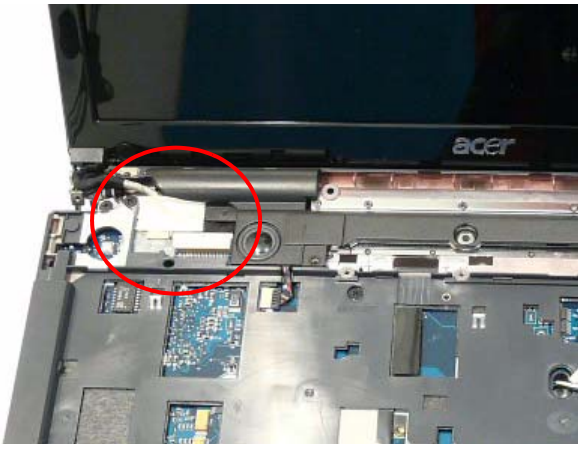
1. Align and replace the Speaker Module in the lower case.

IMPORTANT: Be sure the LVDS and microphone cables pass over the Speaker Module.

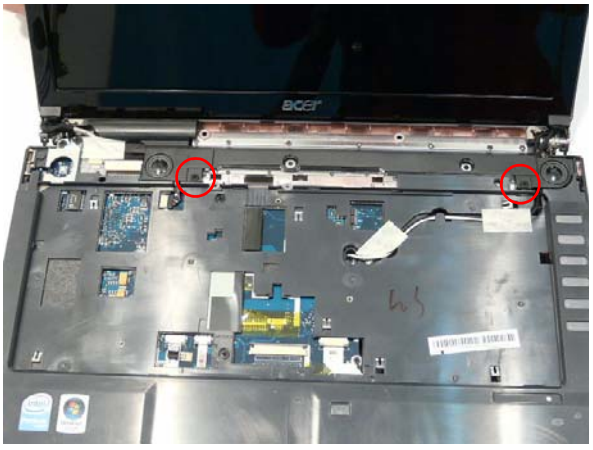
2. Reconnect the Speaker cable.



3. Replace the adhesive tape to secure the LCD cables in place.



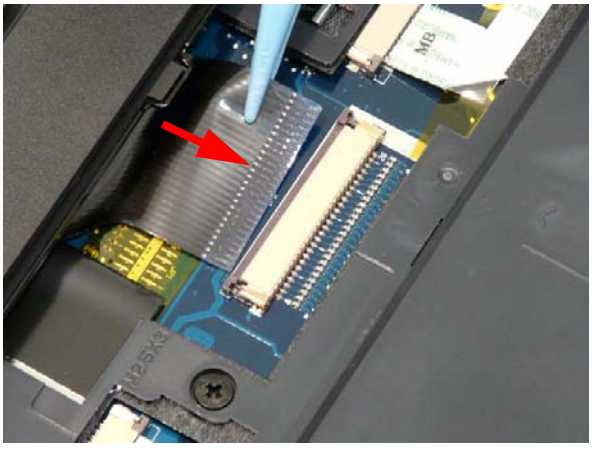
4. Replace the two securing screws as shown.

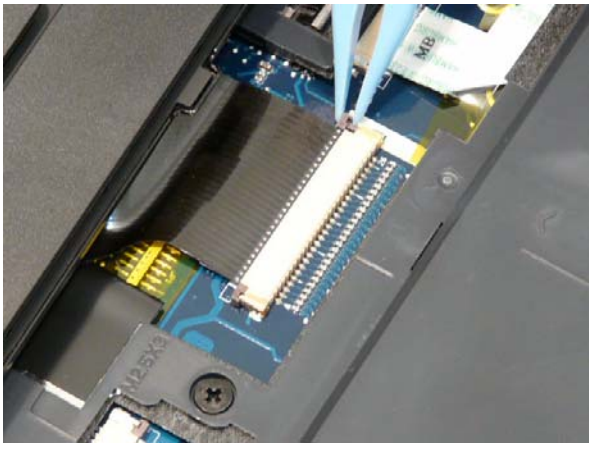


Step	Size	Quantity	Screw Type
Speaker Module	M2.5*3	2	

Replacing the Keyboard

1. Place the Keyboard on the Upper Cover, face up and reconnect the FFC cable to the Mainboard, making sure to lock it in place.





2. Insert the Keyboard, bottom edge first, into the Upper Cover as shown. Ensure that the five tabs are correctly seated.

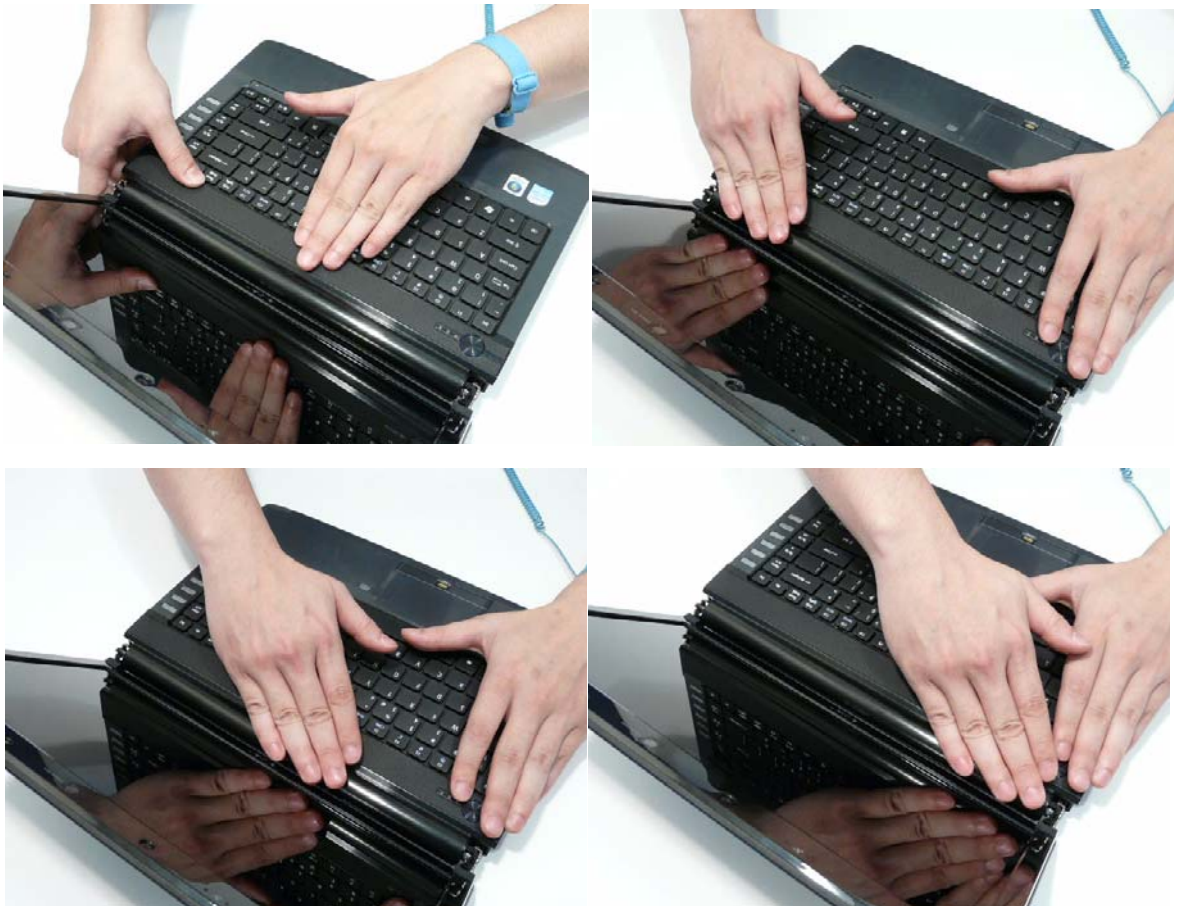
3. Press down both sides of the keyboard to secure it in place.

Replacing the Switch Cover

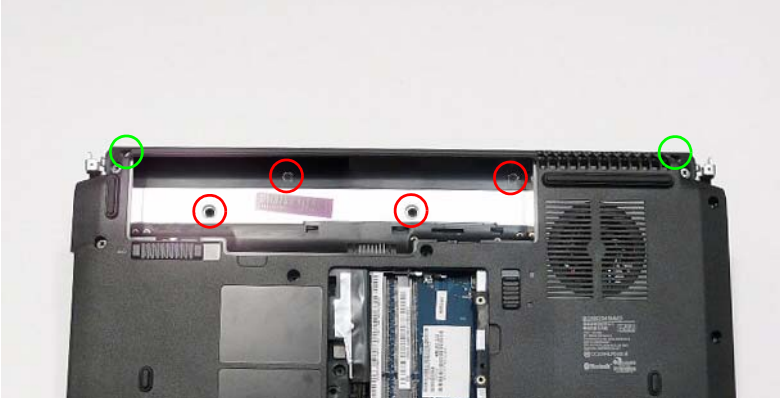
1. Place the Switch Cover on the Upper Case as shown.

2. Press down both sides of the Switch Cover to snap it into place.

3. Continue to press down as shown to correctly seat the Switch Cover on the Upper Cover.



4. Turn the computer over and replace the six securing screws as shown.

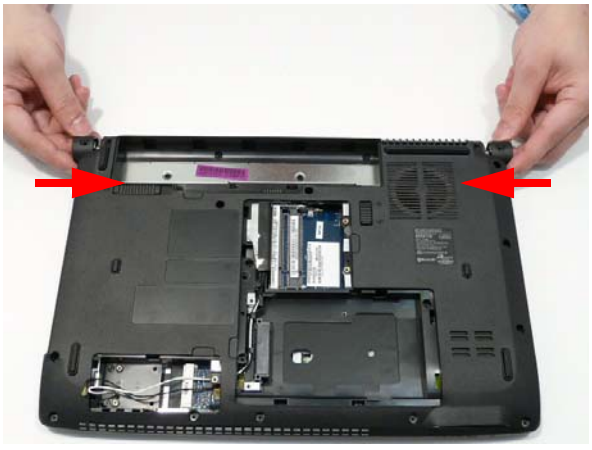


Step	Size	Quantity	Screw Type
Switch Cover (red callout)	M2.5*3	4	
Switch Cover (green callout)	M2.5*10	2	

Replacing the Hinge Covers

IMPORTANT: The left and right Hinge Covers are shaped differently and marked **L** and **R** on the inside. Ensure that the correct cover is used during reassembly.

1. Align the Hinge Covers screw hole side up and slide them on to the hinge assemblies.



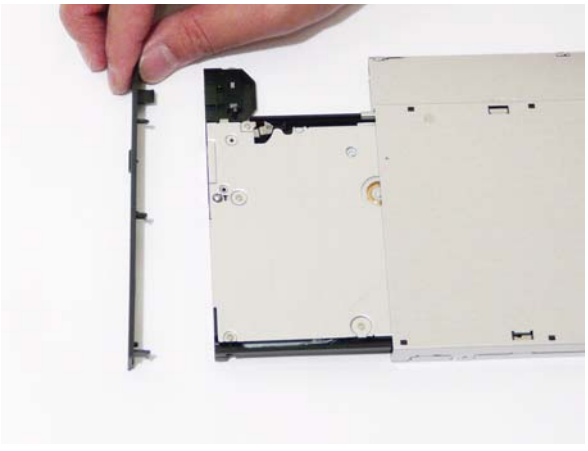
2. Replace the two securing screws and caps.

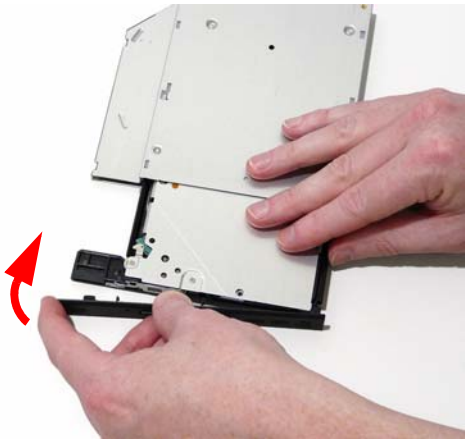
Step	Size	Quantity	Screw Type
Hinge Covers	M2*3	2	

External Module Reassembly Process

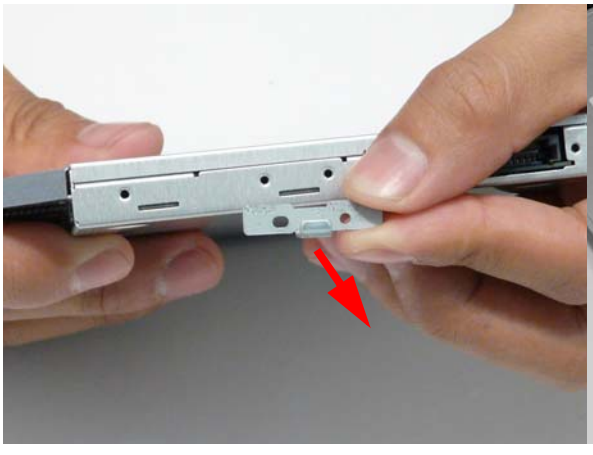
Replacing the ODD Module

1. Align the ODD Bezel as shown and press it into place. Close the ODD drawer.





2. Align the ODD Bracket as shown and replace the securing screws.



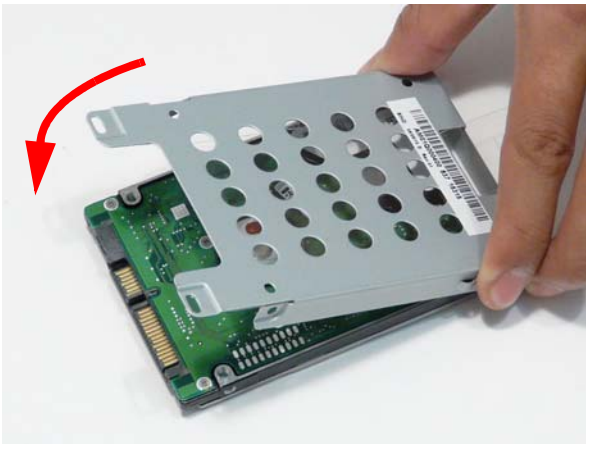
3. Push the ODD Module into the chassis as shown until the bezel is flush with the casing.

4. Replace the securing screw.

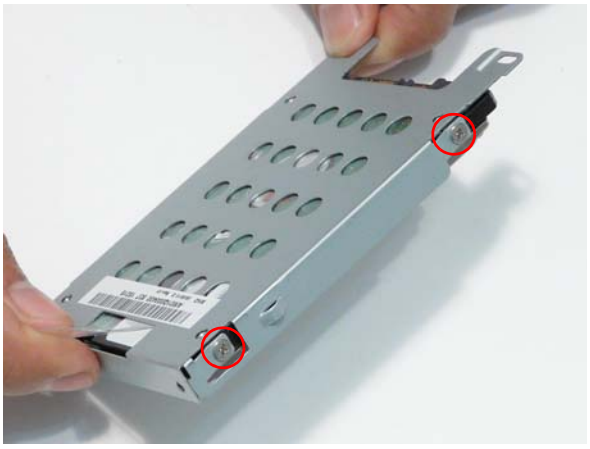
Step	Size	Quantity	Screw Type
ODD Module	M2.5*5	1	

Replacing the Hard Disk Drive Module

1. Place the HDD carrier on the HDD.

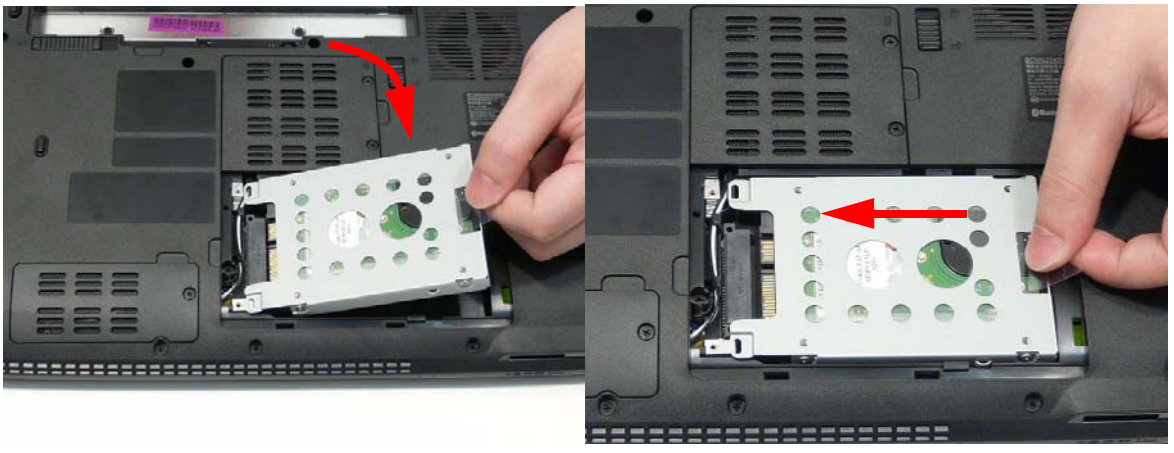


2. Replace the four securing screws (two each side).



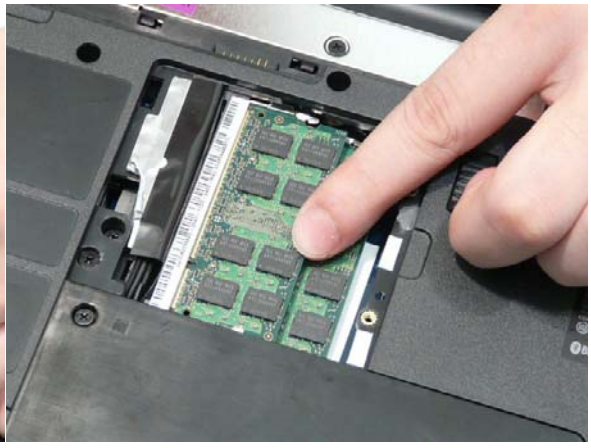
Step	Size	Quantity	Screw Type
HDD Carrier	M3*3	4	

3. Place the HDD Module in the HDD bay as shown and slide it in the direction of the arrow to connect the interface.



Replacing the DIMM Modules

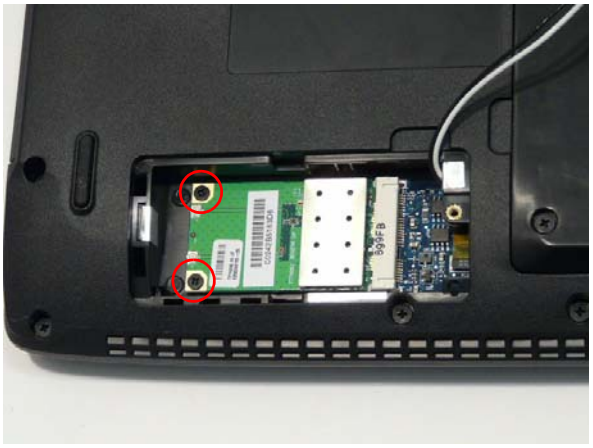
1. Insert the DIMM Module flush with the connector and press down to lock in place.



Replacing the WLAN Module

1. Insert the WLAN board into the WLAN socket.

2. Replace the two screws to secure the module.



Step	Size	Quantity	Screw Type
WLAN Module	M2*3	2	

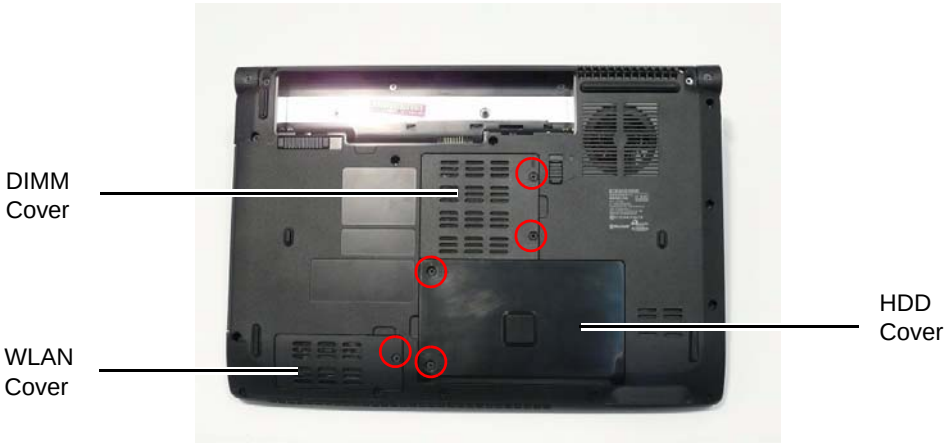
3. Connect the two antenna cables to the module.

   NOTE: The White cable goes to the upper terminal and the black cable to the lower terminal.

IMPORTANT: Ensure that the cabling is replaced as shown to avoid trapping when the covers are replaced.

Replacing the Lower Covers

1. Replace the Lower Covers and secure the captive screws.

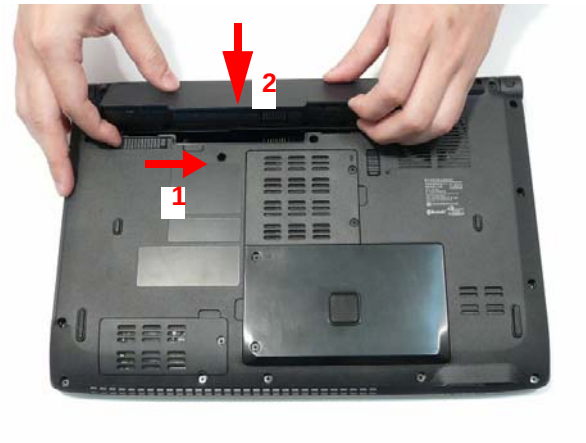


Replacing the SD Dummy Card

2. Insert the SD Card and push into the slot until flush with the chassis cover.

Replacing the Battery

1. Slide and hold the battery release latch to the release position (1), then insert the battery and press down (2).



2. Slide the battery lock/unlock latch to the lock position.

Troubleshooting

Common Problems

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.

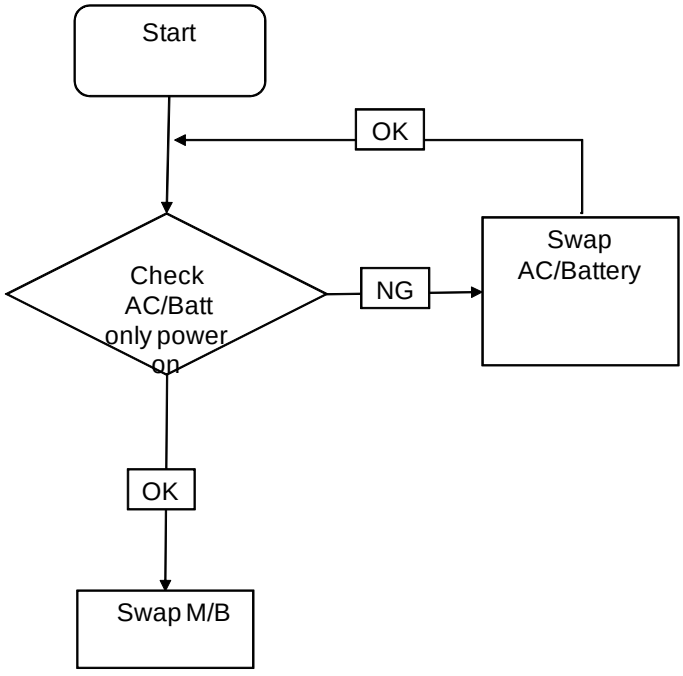
1. Obtain the failing symptoms in as much detail as possible.
2. Verify the symptoms by attempting to re-create the failure by running the diagnostic test or by repeating the same operation.
3. Use the following table with the verified symptom to determine which page to go to.

Symptoms (Verified)	Go To
Power On Issue	Page 140
No Display Issue	Page 141
LCD Failure	Page 144
Internal Keyboard Failure	Page 145
Touchpad Failure	Page 146
Internal Speaker Failure	Page 147
Internal Microphone Failure	Page 149
ODD Failure	Page 151
Rightside USB Failure	Page 154
WLAN Failure	Page 155
Bluetooth Failure	Page 156
Easy Button Failure	Page 157
Finger Print Reader Failure	Page 158
Thermal Unit Failure	Page 159
Other Functions Failure	Page 162
Intermittent Failures	Page 162
Undetermined Failures	Page 162

4. If the Issue is still not resolved, see “Online Support Information” on page 241.

Power On Issue

If the system doesn't power on, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



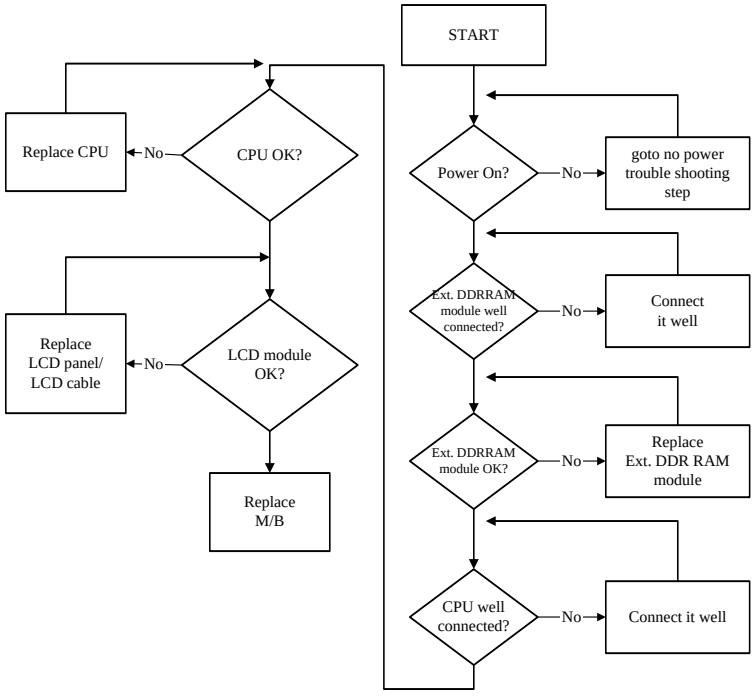
Computer Shuts down Intermittently

If the system powers off at intervals, perform the following actions one at a time to correct the problem.

1. Check the power cable is properly connected to the computer and the electrical outlet.
2. Remove any extension cables between the computer and the outlet.
3. Remove any surge protectors between the computer and the electrical outlet. Plug the computer directly into a known good electrical outlet.
4. Disconnect the power and open the casing to check the Thermal Unit and fan airways are free of obstructions.
5. Remove all external and non-essential hardware connected to the computer that are not necessary to boot the computer to the failure point.
6. Remove any recently installed software.
7. If the Issue is still not resolved, see "Online Support Information" on page 241.

No Display Issue

If the **Display** doesn't work, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



No POST or Video

If the POST or video doesn't display, perform the following actions one at a time to correct the problem.

1. Make sure that the internal display is selected. On this notebook model, switching between the internal display and the external display is done by pressing **Fn+F5**. Reference Product pages for specific model procedures.
2. Make sure the computer has power by checking at least one of the following occurs:
   - Fans start up
   - Status LEDs light up

   If there is no power, see "Power On Issue" on page 140.
3. Drain any stored power by removing the power cable and battery and holding down the power button for 10 seconds. Reconnect the power and reboot the computer.
4. Connect an external monitor to the computer and switch between the internal display and the external display is by pressing **Fn+F5** (on this model).

   If the POST or video appears on the external display, see "LCD Failure" on page 144.
5. Disconnect power and all external devices including port replicators or docking stations. Remove any memory cards and CD/DVD discs. Restart the computer.

   If the computer boots correctly, add the devices one by one until the failure point is discovered.
6. Reseat the memory modules.
7. Remove the drives (see "Disassembly Process" on page 42).
8. If the Issue is still not resolved, see "Online Support Information" on page 241.

Abnormal Video Display

If video displays abnormally, perform the following actions one at a time to correct the problem.

1. Reboot the computer.
2. If permanent vertical/horizontal lines or dark spots display in the same location, the LCD is faulty and should be replaced. See “Disassembly Process” on page 42.
3. If extensive pixel damage is present (different colored spots in the same locations on the screen), the LCD is faulty and should be replaced. See “Disassembly Process” on page 42.
4. Adjust the brightness to its highest level. See the User Manual for instructions on adjusting settings.

   NOTE: Ensure that the computer is not running on battery alone as this may reduce display brightness.

   If the display is too dim at the highest brightness setting, the LCD is faulty and should be replaced. See “Disassembly Process” on page 42.
5. Check the display resolution is correctly configured:
   a. Minimize or close all Windows.
   b. If display size is only abnormal in an application, check the view settings and control/mouse wheel zoom feature in the application.
   c. If desktop display resolution is not normal, right-click on the desktop and select **Personalize→ Display Settings**.
   d. Click and drag the Resolution slider to the desired resolution.
   e. Click **Apply** and check the display. Readjust if necessary.
6. Roll back the video driver to the previous version if updated.
7. Remove and reinstall the video driver.
8. Check the Device Manager to determine that:
   - The device is properly installed. There are no red Xs or yellow exclamation marks.
   - There are no device conflicts.
   - No hardware is listed under Other Devices.
9. If the Issue is still not resolved, see “Online Support Information” on page 241.
10. Run the Windows Memory Diagnostic from the operating system DVD and follow the onscreen prompts.
11. If the Issue is still not resolved, see “Online Support Information” on page 241.

Random Loss of BIOS Settings

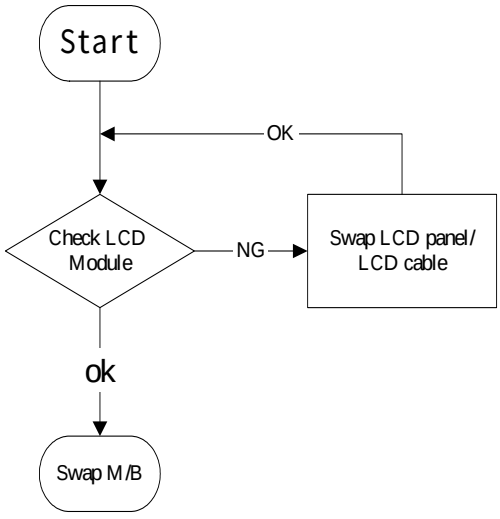
If the computer is experiencing intermittent loss of BIOS information, perform the following actions one at a time to correct the problem.

1. If the computer is more than one year old, replace the CMOS battery.
2. Run a complete virus scan using up-to-date software to ensure the computer is virus free.
3. If the computer is experiencing HDD or ODD BIOS information loss, disconnect and reconnect the power and data cables between devices.

   If the BIOS settings are still lost, replace the cables.
4. If HDD information is missing from the BIOS, the drive may be defective and should be replaced.
5. Replace the Motherboard.
6. If the Issue is still not resolved, see “Online Support Information” on page 241.

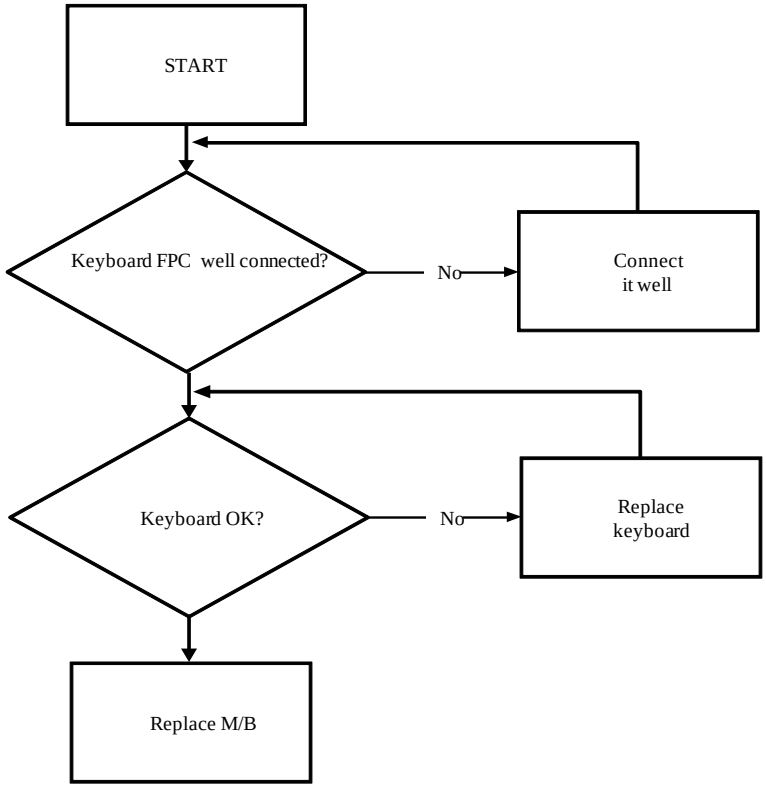
LCD Failure

If the **LCD** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



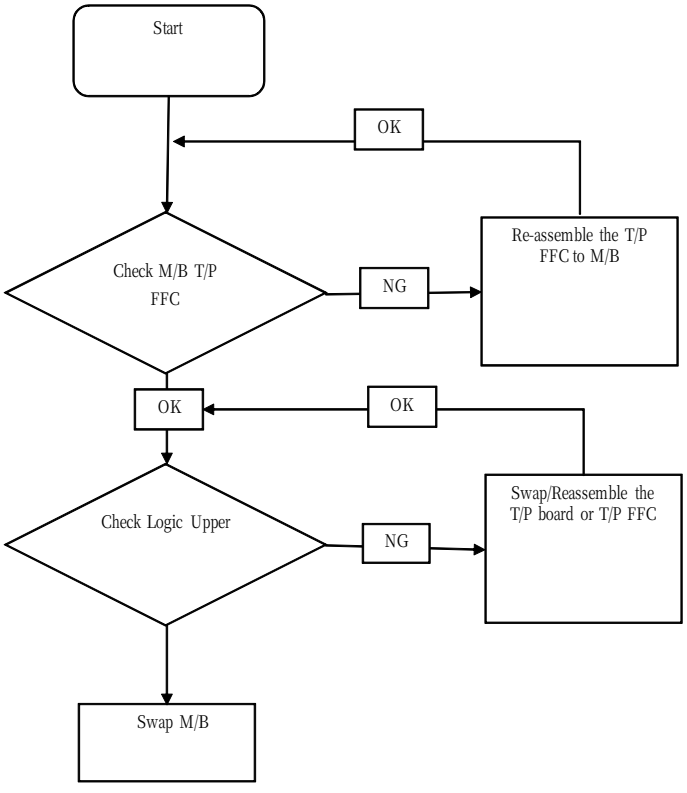
Built-In Keyboard Failure

If the built-in **Keyboard** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



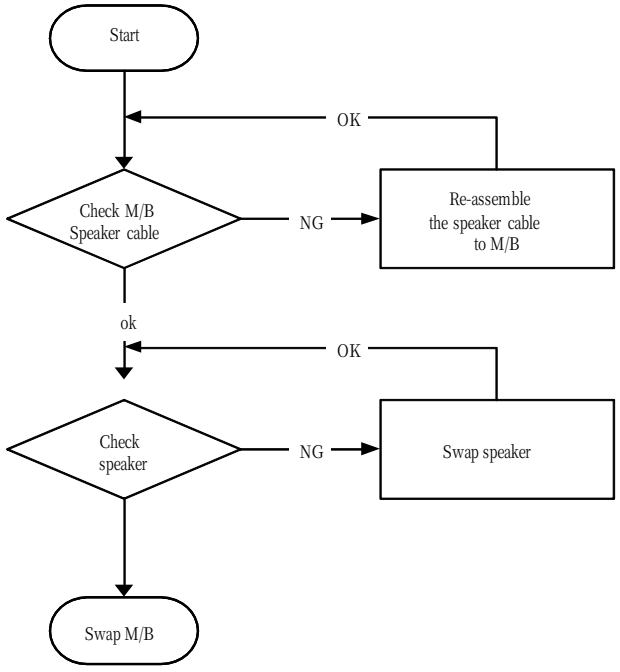
Touchpad Failure

If the **Touchpad** doesn't work, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



Internal Speaker Failure

If the internal **Speakers** fail, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



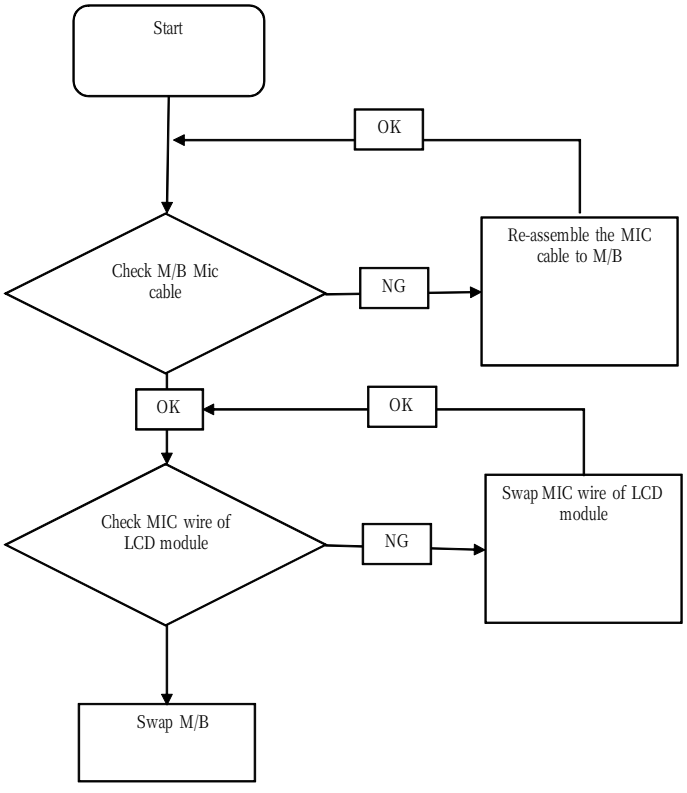
Sound Problems

If sound problems are experienced, perform the following actions one at a time to correct the problem.

1. Reboot the computer.
2. Navigate to **Start→ Control Panel→ System and Maintenance→ System→ Device Manager**. Check the Device Manager to determine that:
   - The device is properly installed.
   - There are no red Xs or yellow exclamation marks.
   - There are no device conflicts.
   - No hardware is listed under Other Devices.
3. Roll back the audio driver to the previous version, if updated recently.
4. Remove and reinstall the audio driver.
5. Ensure that all volume controls are set mid range:
   a. Click the volume icon on the taskbar and drag the slider to 50. Ensure that the volume is not muted.
   b. Click Mixer to verify that other audio applications are set to 50 and not muted.
6. Navigate to **Start→ Control Panel→ Hardware and Sound→ Sound**. Ensure that Speakers are selected as the default audio device (green check mark).
   NOTE: If Speakers does not show, right-click on the **Playback** tab and select **Show Disabled Devices** (clear by default).
7. Select Speakers and click **Configure** to start **Speaker Setup**. Follow the onscreen prompts to configure the speakers.
8. Remove and recently installed hardware or software.
9. Restore system and file settings from a known good date using **System Restore**.
   If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
10. Reinstall the Operating System.
11. If the Issue is still not resolved, see “Online Support Information” on page 241.

Internal Microphone Failure

If the internal **Microphone** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



Microphone Problems

If internal or external **Microphones** do no operate correctly, perform the following actions one at a time to correct the problem.

1. Check that the microphone is enabled. Navigate to **Start**→ **Control Panel**→ **Hardware and Sound**→ **Sound** and select the **Recording** tab.
2. Right-click on the **Recording** tab and select **Show Disabled Devices** (clear by default).
3. The microphone appears on the **Recording** tab.
4. Right-click on the microphone and select **Enable**.
5. Select the microphone then click **Properties**. Select the **Levels** tab.
6. Increase the volume to the maximum setting and click **OK**.
7. Test the microphone hardware:
   a. Select the microphone and click **Configure**.
   b. Select **Set up microphone**.
   c. Select the microphone type from the list and click **Next**.
   d. Follow the onscreen prompts to complete the test.
8. If the Issue is still not resolved, see “Online Support Information” on page 241.

HDD Not Operating Correctly

If the **HDD** does not operate correctly, perform the following actions one at a time to correct the problem.

1. Disconnect all external devices.
2. Run a complete virus scan using up-to-date software to ensure the computer is virus free.
3. Run the Windows Vista Startup Repair Utility:
   a. insert the Windows Vista Operating System DVD in the ODD and restart the computer.
   b. When prompted, press any key to start to the operating system DVD.
   c. The **Install Windows** screen displays. Click **Next**.
   d. Select **Repair your computer**.
   e. The **System Recovery Options** screen displays. Click **Next**.
   f. Select the appropriate operating system, and click **Next**.

   NOTE: Click **Load Drivers** if controller drives are required.

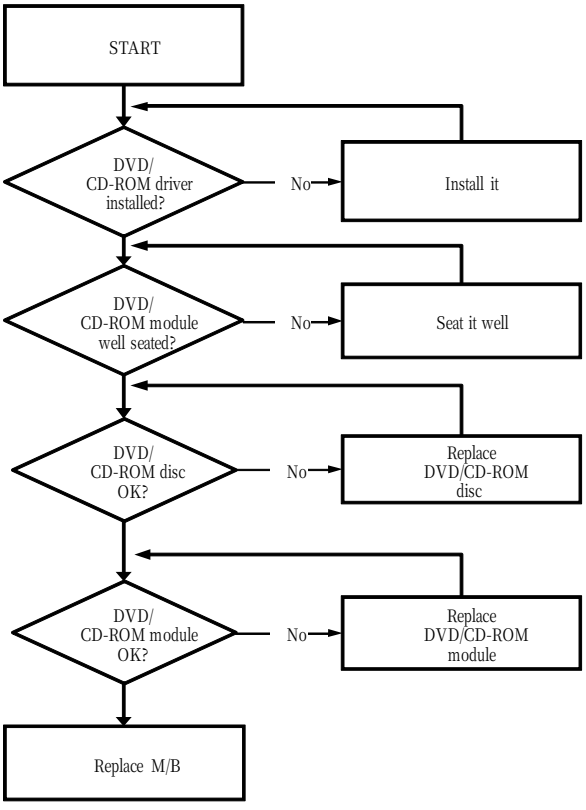
   g. Select **Startup Repair**.
   h. Startup Repair attempts to locate and resolve issues with the computer.
   i. When complete, click **Finish**.

   If an issue is discovered, follow the onscreen information to resolve the problem.
4. Run the Windows Memory Diagnostic Tool. For more information see Windows Help and Support.
5. Restart the computer and press F2 to enter the BIOS Utility. Check the BIOS settings are correct and that CD/DVD drive is set as the first boot device on the Boot menu.
6. Ensure all cables and jumpers on the HDD and ODD are set correctly.
7. Remove any recently added hardware and associated software.
8. Run the Windows Disk Defragmenter. For more information see Windows Help and Support.
9. Run Windows Check Disk by entering **chkdsk /r** from a command prompt. For more information see Windows Help and Support.
10. Restore system and file settings from a known good date using **System Restore**.

    If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
11. Replace the HDD. See “Disassembly Process” on page 42.

ODD Failure

If the **ODD** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



ODD Not Operating Correctly

If the **ODD** exhibits any of the following symptoms it may be faulty:

- Audio CDs do not play when loaded
- DVDs do not play when loaded
- Blank discs do not burn correctly
- DVD or CD play breaks up or jumps
- Optical drive not found or not active:
  - Not shown in My Computer or the BIOS setup
  - LED does not flash when the computer starts up
  - The tray does not eject
- Access failure screen displays
- The ODD is noisy

Perform the following general solutions one at a time to correct the problem.

1. Reboot the computer and retry the operation.
2. Try an alternate disc.

3. Navigate to **Start**→ **Computer**. Check that the ODD device is displayed in the **Devices with Removable Storage** panel.
4. Navigate to **Start**→ **Control Panel**→ **System and Maintenance**→ **System**→ **Device Manager**.
    a. Double-click **IDE ATA/ATAPI controllers**. If a device displays a down arrow, right-click on the device and click **Enable**.
    b. Double-click **DVD/CD-ROM drives**. If the device displays a down arrow, right-click on the device and click **Enable**.
    c. Check that there are no yellow exclamation marks against the items in **IDE ATA/ATAPI controllers**. If a device has an exclamation mark, right-click on the device and uninstall and reinstall the driver.
    d. Check that there are no yellow exclamation marks against the items in **DVD/CD-ROM drives**. If a device has an exclamation mark, right-click on the device and uninstall and reinstall the driver.
    e. If the exclamation marker is not removed from the item in the lists, try removing any recently installed software and retrying the operation.

Discs Do Not Play

If discs do not play when inserted in the drive, perform the following actions one at a time to correct the problem.

1. Check that the disc is correctly seated in the drive tray and that the label on the disc is visible.
2. Check that the media is clean and scratch free.
3. Try an alternate disc in the drive.
4. Ensure that **AutoPlay** is enabled:
    a. Navigate to **Start**→ **Control Panel**→ **Hardware and Sound**→ **AutoPlay**.
    b. Select **Use AutoPlay for all media and devices**.
    c. In the Audio CD and DVD Movie fields, select the desired player from the drop down menu.
5. Check that the Regional Code is correct for the selected media:

IMPORTANT: Region can only be changed a limited number of times. After Changes remaining reaches zero, the region cannot be changed even Windows is reinstalled or the drive is moved to another computer.

    a. Navigate to **Start**→ **Control Panel**→ **System and Maintenance**→ **System**→ **Device Manager**.
    b. Double-click **DVD/CD-ROM drives**.
    c. Right-click **DVD drive** and click **Properties**, then click the **DVD Region** tab.
    d. Select the region suitable for the media inserted in the drive.

Discs Do Not Burn Properly

If discs can not be burned, perform the following actions one at a time to correct the problem.

1. Ensure that the default drive is record enabled:
    a. Navigate to **Start**→ **Computer** and right-click the writable ODD icon. Click **Properties**.
    b. Select the **Recording** tab. In the **Desktop disc recording** panel, select the writable ODD from the drop down list.
    c. Click **OK**.
2. Ensure that the software used for burning discs is the factory default. If using different software, refer to the software's user manual.

Playback is Choppy

If playback is choppy or jumps, perform the following actions one at a time to correct the problem.

1. Check that system resources are not running low:
    a. Try closing some applications.

b. Reboot and try the operation again.

2. Check that the ODD controller transfer mode is set to DMA:

   a. Navigate to **Start→ Control Panel→ System and Maintenance→ System→ Device Manager**.

   b. Double-click **IDE ATA/ATAPI controllers**, then right-click ATA Device 0.

   c. Click **Properties** and select the **Advanced Settings** tab. Ensure that the **Enable DMA** box is checked and click **OK**.

   d. Repeat for the other ATA Devices shown if applicable.

Drive Not Detected

If Windows cannot detect the drive, perform the following actions one at a time to correct the problem.

1. Restart the computer and press F2 to enter the BIOS Utility.
2. Check that the drive is detected in the **ATAPI Model Name** field on the Information page.
   NOTE: Check that the entry is identical to one of the ODDs specified in “Hardware Specifications and Configurations” on page 15.
3. Turn off the power and remove the cover to inspect the connections to the ODD. See “Disassembly Process” on page 42.

   a. Check for broken connectors on the drive, motherboard, and cables.

   b. Check for bent or broken pins on the drive, motherboard, and cable connections.

   c. Try an alternate cable, if available. If the drive works with the new cable, the original cable should be replaced.
4. Reseat the drive ensuring and all cables are connected correctly.
5. Replace the ODD. See “Disassembly Process” on page 42.

Drive Read Failure

If discs cannot be read when inserted in the drive, perform the following actions one at a time to correct the problem.

1. Remove and clean the failed disc.
2. Retry reading the CD or DVD.

   d. Test the drive using other discs.

   e. Play a DVD movie

   f. Listen to a music CD

   If the ODD works properly with alternate discs, the original disc is probably defective and should be replaced.
3. Turn off the power and remove the cover to inspect the connections to the ODD. See “Disassembly Process” on page 42.

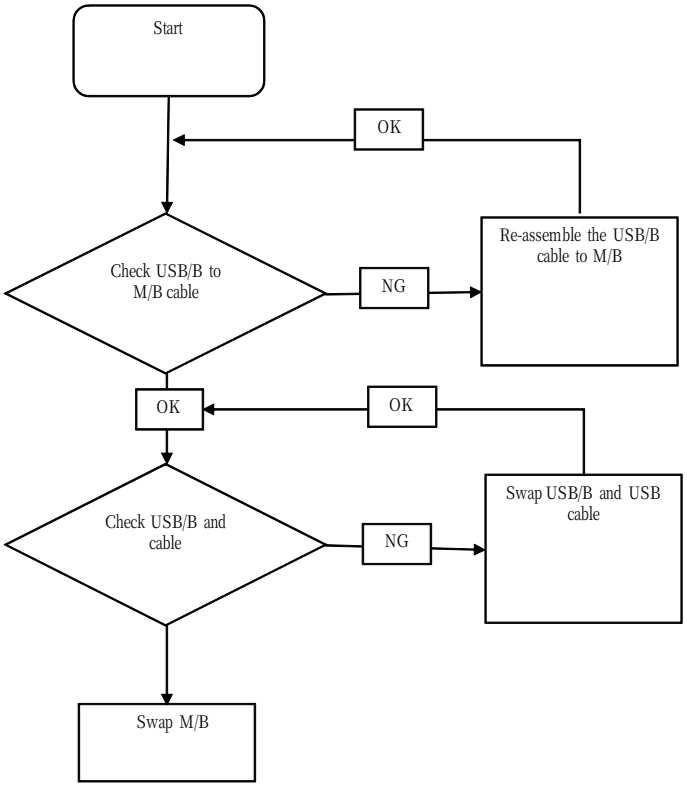
   a. Check for broken connectors on the drive, motherboard, and cables.

   b. Check for bent or broken pins on the drive, motherboard, and cable connections.

   c. Try an alternate cable, if available. If the drive works with the new cable, the original cable should be replaced.
4. Replace the ODD. See “Disassembly Process” on page 42.

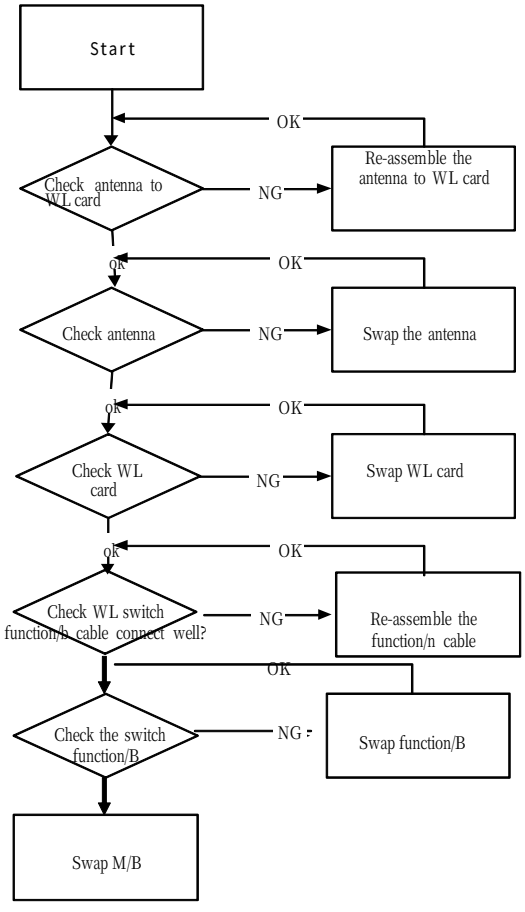
USB Failure (Rightside)

If the rightside **USB** port fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



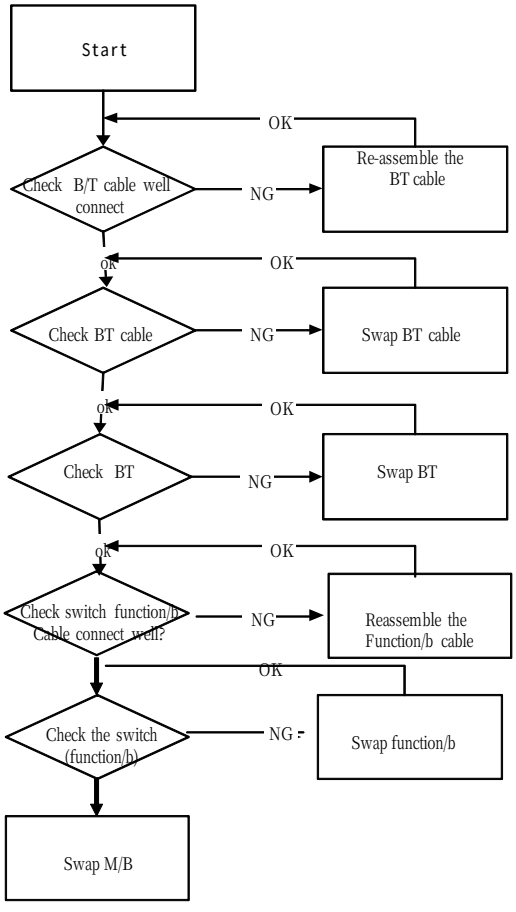
Wireless Function Failure

If the **WLAN** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



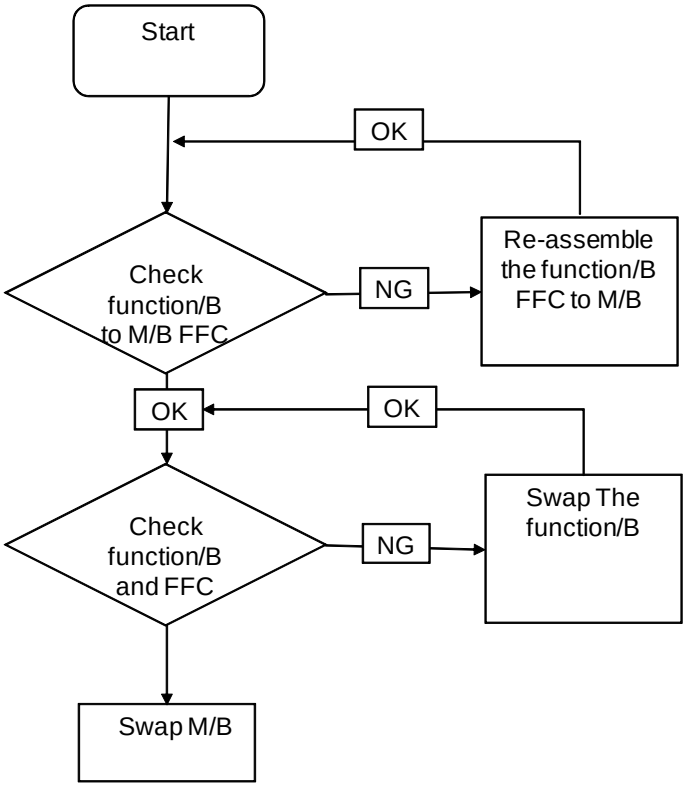
Bluetooth Function Failure

If the **Bluetooth** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



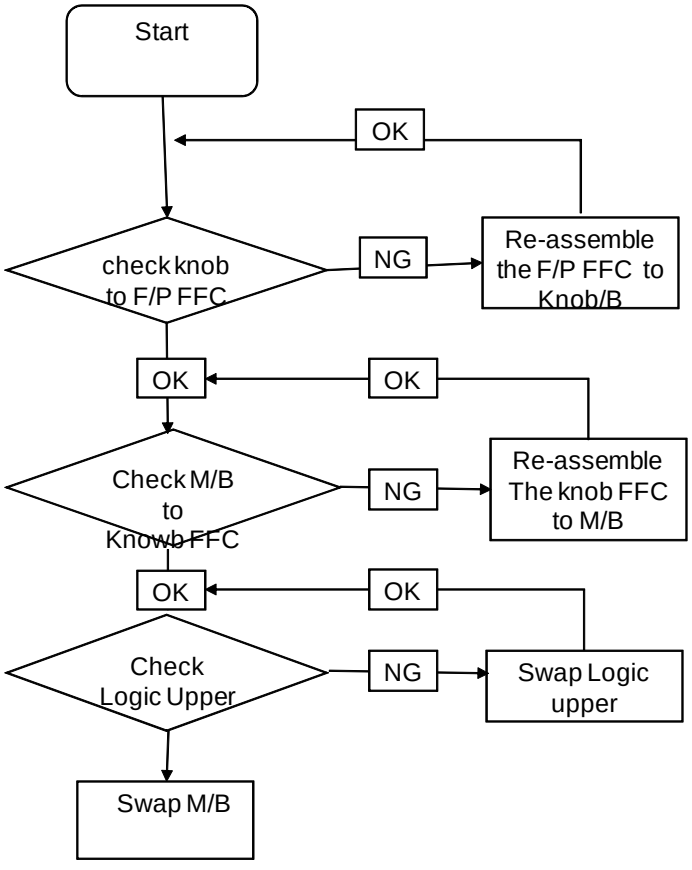
Easy Button Failure

If the **Acer EasyTouch** buttons fail, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



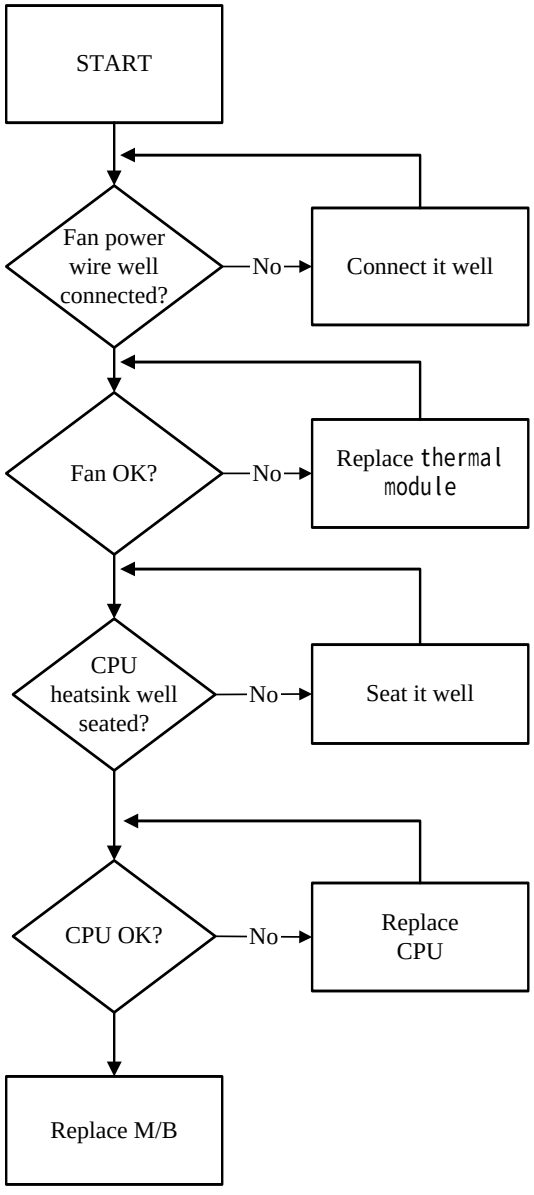
Fingerprint Reader Failure

If the **Fingerprint Reader** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



Thermal Unit Failure

If the **Thermal Unit** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



External Mouse Failure

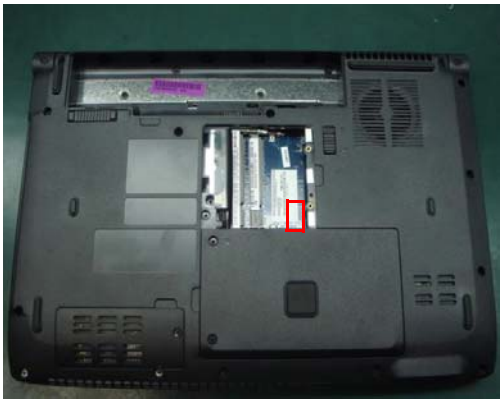
If an external **Mouse** fails, perform the following actions one at a time to correct the problem.

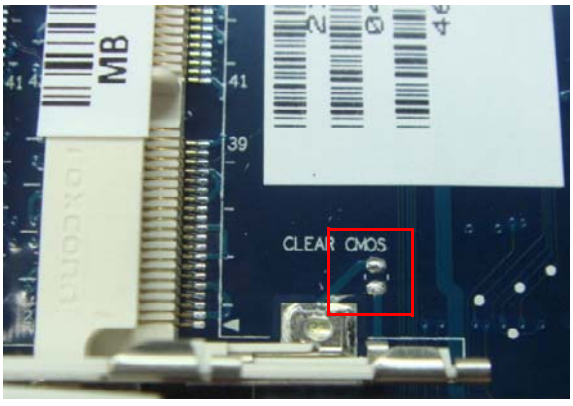
1. Try an alternative mouse.
2. If the mouse uses a wireless connection, insert new batteries and confirm there is a good connection. See the mouse user manual.
3. If the mouse uses a USB connection, try an alternate USB port.
4. Try an alternative program to verify mouse operation. Reinstall the program experiencing mouse failure.
5. Restart the computer.
6. Remove any recently added hardware and associated software.
7. Remove any recently added software and reboot.
8. Restore system and file settings from a known good date using **System Restore**.

   If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
9. Run the Event Viewer to check the events log for errors. For more information see Windows Help and Support.
10. Roll back the mouse driver to the previous version if updated recently.
11. Remove and reinstall the mouse driver.
12. Check the Device Manager to determine that:
    - The device is properly installed. There are no red Xs or yellow exclamation marks.
    - There are no device conflicts.
    - No hardware is listed under Other Devices.
13. If the Issue is still not resolved, see “Online Support Information” on page 241.

MB CMOS Discharge

If the CMOS settings such as the password are incorrect, the CMOS data can be cleared to default settings by short-circuiting the Clear CMOS pads. The Clear CMOS jumpers are located near the DDR socket.





Other Failures

If the CRT Switch, Dock, LAN Port, external MIC or Speakers, PCI Express Card, 5-in-1 Card Reader or Volume Wheel fail, perform the following general steps to correct the problem. Do not replace non-defective FRUs:

1. Check Drive whether is OK.
2. Check Test Fixture is ok.
3. Swap M/B to Try.

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 On Issue” on page 140.):

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

POST Codes Tables

These tables describe the POST codes and descriptions during the POST.

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 512 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
3Ch		Advanced configuration of chipset registers
3Dh		Load alternate registers with CMOS values

Code	Beeps	POST Routine Description
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 UserPatch1
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
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 Data Area

Code	Beeps	POST Routine Description
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)
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

Code	Beeps	POST Routine Description
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

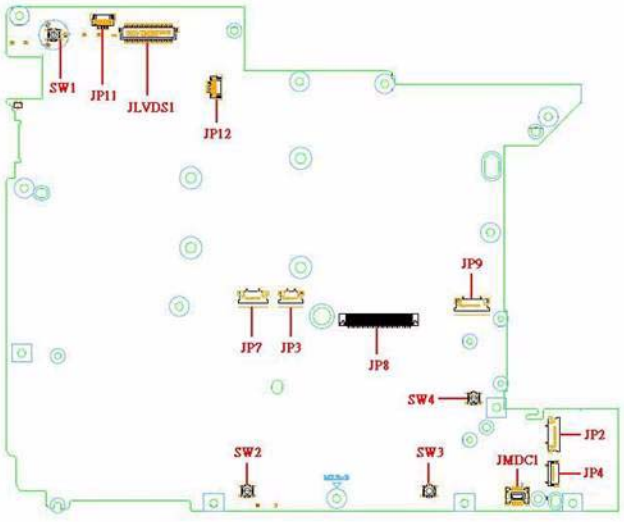
Code	Beeps	For Boot Block in Flash ROM
E0h		Initialize the chipset
E1h		Initialize the bridge
E2h		Initialize the CPU
E3h		Initialize system timer
E4h		Initialize system I/O
E5h		Check force recovery boot
E6h		Checksum BIOS ROM
E7h		Go to BIOS
E8h		Set Huge Segment
E9h		Initialize Multi Processor
EAh		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
F5h		Boot to Mini DOS
F6h		Clear Huge Segment
F7h		Boot to Full DOS

* If the BIOS detects error 2C, 2E, or 30 (base 512K RAM error), it displays an additional word-bitmap (xxxx) indicating the address line or bits that failed. For example, "2C 0002" means address line 1 (bit one set) has failed. "2E 1020" means data bits 12 and 5 (bits 12 and 5 set) have failed in the lower 16 bits. Note that error 30 cannot occur on 386SX systems because they have a 16 rather than 32-bit bus. The BIOS also sends the bitmap to the port-80 LED display. It first displays the check point code, followed by a delay, the high-order byte, another delay, and then the low-order byte of the error. It repeats this sequence continuously.

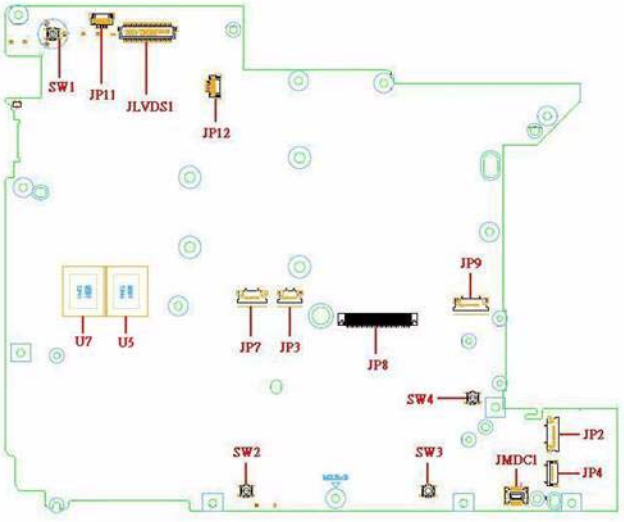
Jumper and Connector Locations

Top View

VGA UMA



Discrete VGA

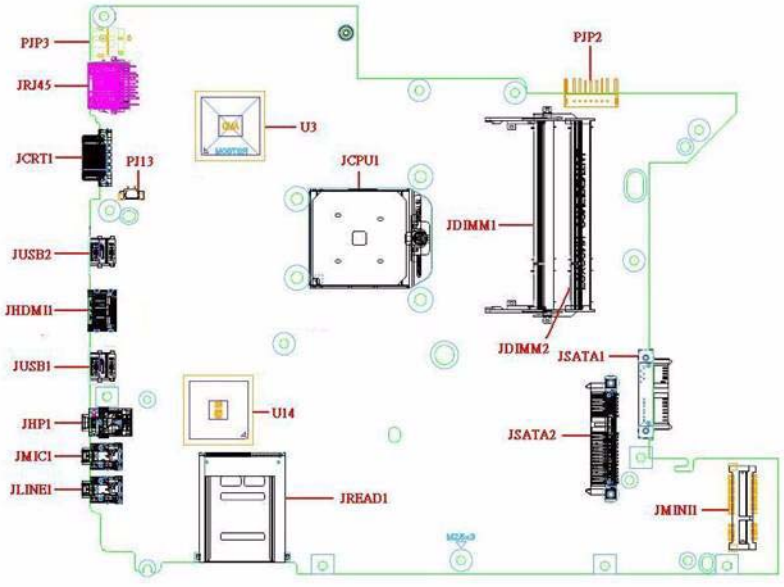


Item	Description	Item	Description
PJP2	Battery Connector	JP13	Fan Connector
PJP3	AC-IN Connector	JLVDS1	LCD Connector
JP2	USB/B Connector	JRJ45	RJ45 Connector
JP3	FP/B Connector	JCRT1	CRT Connector
JP4	Bluetooth Connector	JUSB1	USB Connector
JP7	Touch Pad Connector	JUSB2	USB Connector

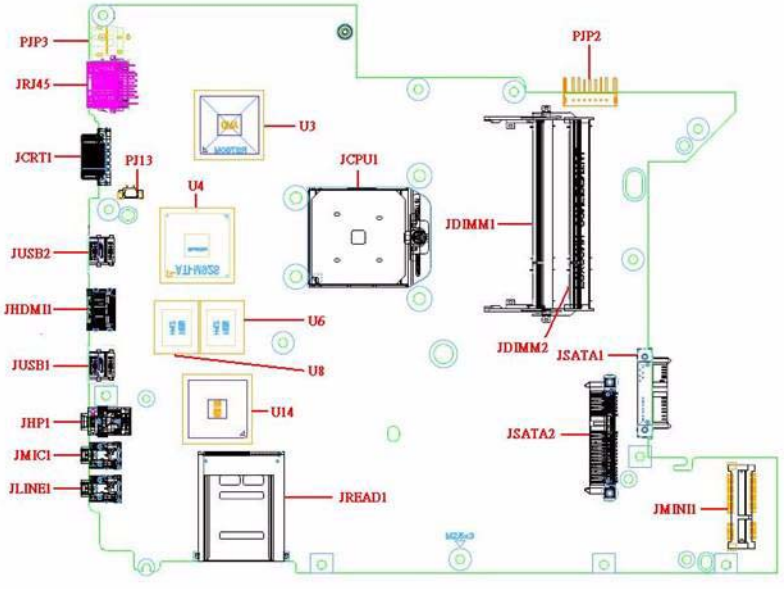
Item	Description	Item	Description
JP8	Keyboard Connector	JHDMI1	HDMI Connector
JP9	Fun/B Connector	JREAD1	Card Reader Connector
JP11	Camera Connector	JMDC1	MDC Connector
JP12	Speaker Connector		

Bottom View

VGA UMA



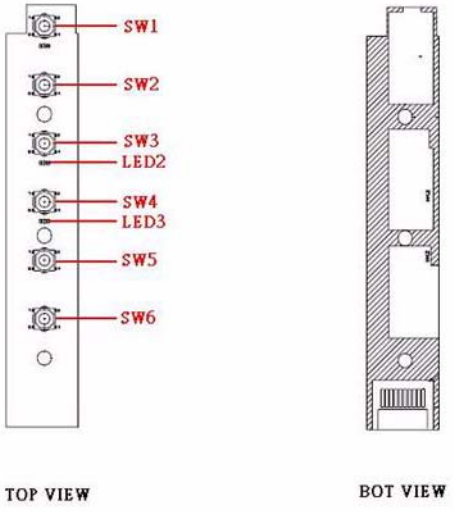
Discrete VGA



Item	Description	Item	Description
JHP1	Head-Phone Jack	SW2	Touch pad (left) Button
JMIC1	MIC-In Jack	SW3	Touch pad (right) Button

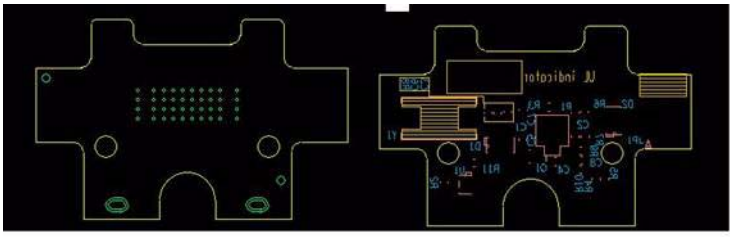
Item	Description	Item	Description
JPLINE1	Line-In Jack	SW4	Touch Pad Lock Button
JSATA1	ODD Connector	U3	North Bridge
JSATA2	HDD Connector	U4	GPU
JMINI1	Wireless Card Connector	U5	VRAM
JDIMM2	MemoryDIMM2 Connector	U6	VRAM
JDIMM1	MemoryDIMM1 Connector	U7	VRAM
JCPU1	CPU Socket	U8	VRAM
SW1	ON/OFF Button	U14	South Bridge

LS-4921P Function Board



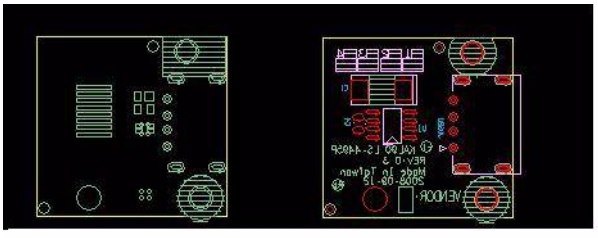
Item	Description
LED2	ON/OFF LED
LED3	Media LED
SW1	Programming Button
SW2	Back Up Button
SW3	Bluetooth Button
SW4	Wireless Button
SW5	Volume Up Button
SW6	Volume Down Button

LS-4494P Fingerprint Board



TOP VIEW BOT VIEW

LS-4495P USB Board



TOP VIEW BOT VIEW

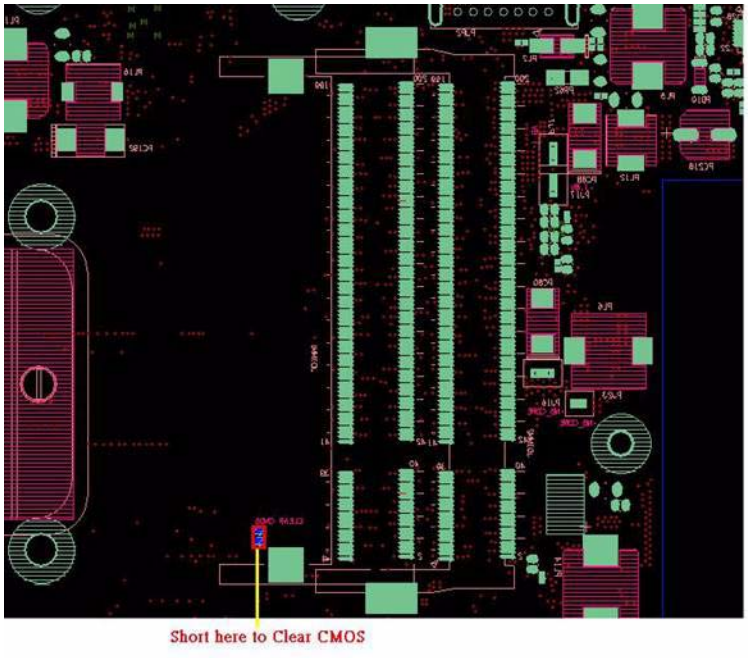
Clearing Password Check and BIOS Recovery

This section provide you the standard operating procedures of clearing password and BIOS recovery for Aspire 4935/4935G. Aspire 4935/4935G provides 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

Description	Location
Clear CMOS Jumper	Memory bay



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:

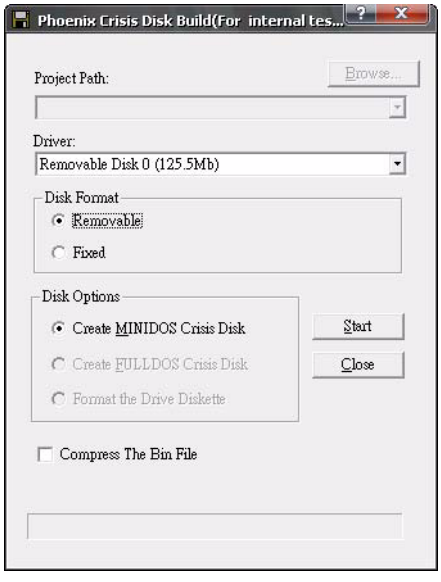
The system provides a function hotkey: **Fn+Esc**, for enable BIOS Recovery process when system is powered on during BIOS POST. To use this function, it is strongly recommended to have the AC adapter and Battery present. If this function is enabled, the system will force the BIOS to enter a special BIOS 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. Plug in the USB Floppy Disk.
2. Copy **kblg009.wph** to the tool's folder and rename it as **BIOS.wph**. Execute **wincris.exe**.
3. Select the **Removable** option for Disk Format and click **Start**. Follow the instructions on the screen.



4. Click **Format** to format and create the disk.
5. A message on the screen shows when the crisis recovery disk has been created.

To use the crisis recovery disk, do the following:

1. Plug in the USB Flash Disk without AC plug.
2. Press **Fn + Esc** and then plug in AC power while holding down the keys. Power button flashes orange.
3. Press **Power** button and system will enter crisis mode to flash the BIOS.
4. Update to the latest version BIOS for the system using the regular BIOS flashing process.

FRU (Field Replaceable Unit) List

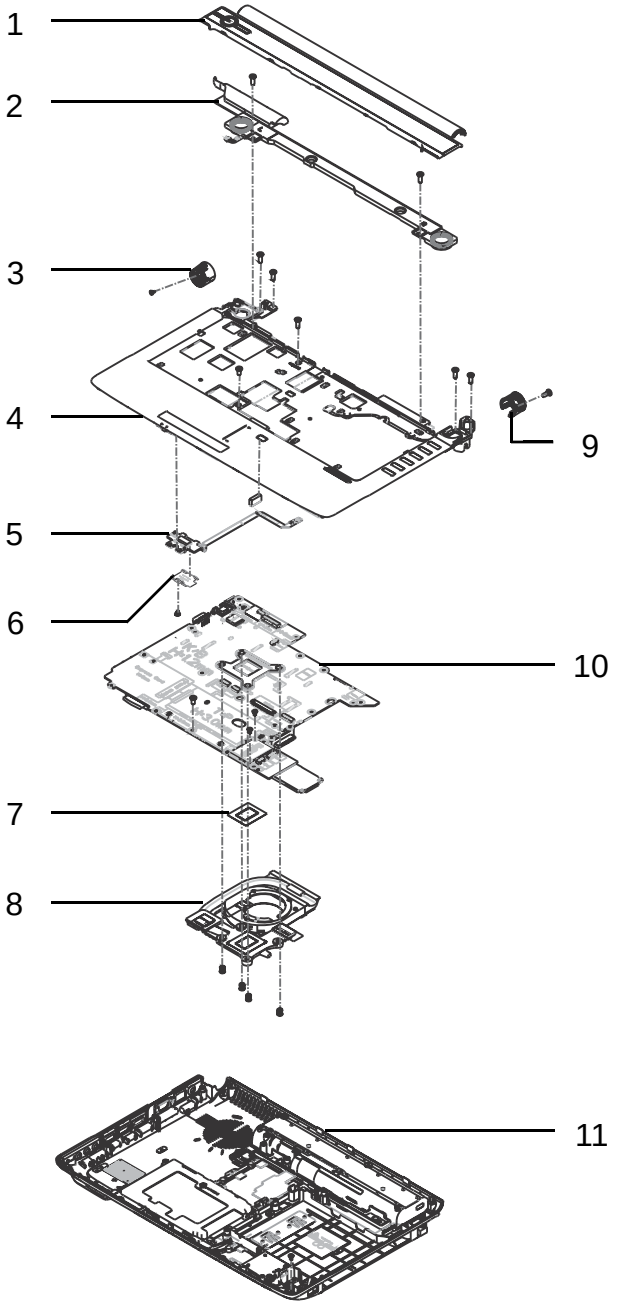
This chapter gives you the FRU (Field Replaceable Unit) listing in global configurations of Aspire 4935/4935G. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).

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.

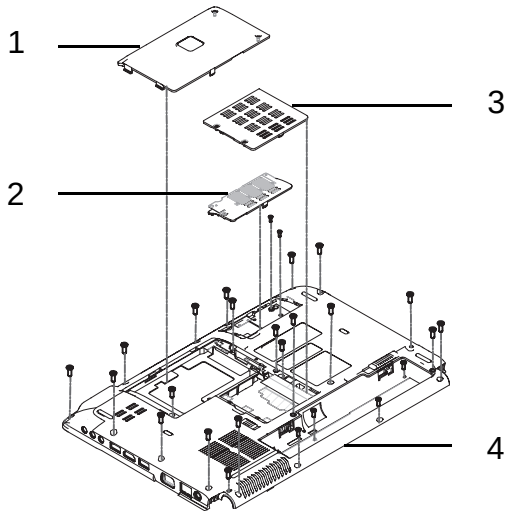
Aspire 4535/4535G/4235 Exploded Diagrams

Main Module



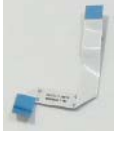
Item	Description	Part No.	Item	Description	Part No.
1	Switch Cover		7	CPU	
2	Speaker		8	Thermal Module	
3	Hinge Cover_L		9	Hinge Cover_R	
4	Upper Cover		10	Mainboard	
5	Finger Print Reader		11	Lower Cover	
6	F/P Reader Bracket				

Base



Item	Description	Part No.	Item	Description	Part No.
1	HDD Door		3	Memory Cover	
2	MiniPCI Door		4	Lower Cover	

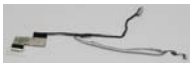
Aspire 4535/4535G/4235 FRU List

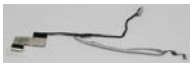
Category	Description	Acer PN
Board		
	FOXCONN BLUETOOTH FOX_BRM_2.0 F/W 300	BT.21100.005
	FOXCONN CONEXANT -UNIZION 1.5_3.3V AUS T60M955.0X	FX.22500.025
	FOXCONN DELPHI-AM5 V2H 1.5_3.3V AUS T60M951	FX.22500.023
	FUNCTION BOARD W/FFC	55.PBP02.001
	FINGER PRINT BOARD W/FFC	55.PAA02.002
	USB BOARD W/FFC	55.PAA02.003
	QMI WIRELESS LAN ATHEROS AR5B91 1X2 BGN (EM303)	TBD
	FOXCONN WIRELESS LAN ATHEROS AR5B91 1X2 BGN	NI.23600.030
	FOXCONN WIRELESS LAN WIRELESS LAN RALINK RT2700E 1X2 BGN	NI.23600.031
	FOXCONN WIRELESS LAN ATHEROS HB93 1X2 BGN (HM)	NI.23600.046
Cable		
	BLUE TOOTH CABLE	50.PAA02.001
	TP FFC	50.PAA02.002
	RJ11 CABLE	50.PAA02.003

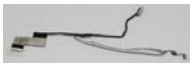
Category	Description	Acer PN
	POWER CORD US 3 PIN	27.TAVV5.001
	POWER CORD EU 3 PIN	27.TAVV5.002
	POWER CORD AUS 3 PIN	27.TAVV5.003
	POWER CORD UK 3 PIN	27.TAVV5.004
	POWER CORD CHINA 3 PIN	27.TAVV5.005
	POWER CORD SWISS 3 PIN	27.TAVV5.006
	POWER CORD ITALIAN 3 PIN	27.TAVV5.007
	POWER CORD DENMARK 3 PIN	27.TAVV5.008
	POWER CORD JP 3 PIN	27.TAVV5.009
	POWER CORD SOUTH AFRICA 3 PIN	27.TAVV5.010
	POWER CORD KOERA 3 PIN	27.TAVV5.011
	POWER CORD ISRAEL 3 PIN	27.TAVV5.012
	POWER CORD INDIA 3 PIN	27.TAVV5.013
	POWER CORD TWN 3 PIN	27.TAVV5.014
	POWER CORD ARGENTINA 3 PIN	27.APV02.001
Case/Cover/Bracket Assembly		
	UPPER CASE ASSY W/FP	60.PBP02.001
	UPPER CASE ASSY W/O FP	60.PBP02.002
	LOWER CASE	60.PBP02.005
	MINI DOOR	42.PAA02.001
	RAM DOOR W/E-RING & SCREW	42.PAA02.002
	HDD DOOR W/RUBBER FOOT	42.PBP02.001
	HINGE CAP L	42.PAA02.004
	HINGE CAP R	42.PAA02.005

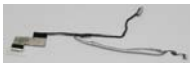
Category	Description	Acer PN
	HDD BRACKET	33.PBP02.001
	MINI CARD BRACKET	33.PAA02.003
	MIDDLE COVER	60.PAA02.004
	TP BRACKET	33.PAA02.004
	FP BRACKET	33.PAA02.005
Keyboard		
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 86KS BLACK US INTERNATIONAL TEXTURE	KB.I140A.058
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 86KS BLACK GREEK TEXTURE	KB.I140A.043
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 86KS BLACK ARABIC TEXTURE	KB.I140A.034
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 86KS BLACK CHINESE TEXTURE	KB.I140A.038
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 86KS BLACK RUSSIAN TEXTURE	KB.I140A.050
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 86KS BLACK THAILAND TEXTURE	KB.I140A.055
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 86KS BLACK US INTERNATIONAL W/ HEBREW TEXTURE	KB.I140A.059
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK UK TEXTURE	KB.I140A.057
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK GERMAN TEXTURE	KB.I140A.042
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK SWISS/G TEXTURE	KB.I140A.054
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK BELGIUM TEXTURE	KB.I140A.035
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK DANISH TEXTURE	KB.I140A.039
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK ITALIAN TEXTURE	KB.I140A.045
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK FRENCH TEXTURE	KB.I140A.041
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK HUNGARIAN TEXTURE	KB.I140A.044

Category	Description	Acer PN
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK NORWEGIAN TEXTURE	KB.I140A.048
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK PORTUGUESE TEXTURE	KB.I140A.049
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK SPANISH TEXTURE	KB.I140A.052
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK TURKISH TEXTURE	KB.I140A.056
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK SWEDEN TEXTURE	KB.I140A.053
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK SLO/CRO TEXTURE	KB.I140A.051
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK NORDIC TEXTURE	KB.I140A.047
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK FR/ARABIC TEXTURE	KB.I140A.040
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK US W/ CANADIAN FRENCH TEXTURE	KB.I140A.060
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK BRAZILIAN PORTUGUESE TEXTURE	KB.I140A.036
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 87KS BLACK CZ/SK TEXTURE	KB.I140A.037
	KEYBOARD ACER AC4T JV40 INTERNAL 14 STANDARD 91KS BLACK JAPANESE TEXTURE	KB.I140A.046
Super Multidrive		
	ODD SUPER-MULTI DRIVE MODULE	6M.PBP02.001
	ODD TOSHIBA SUPER-MULTI DRIVE 12.7MM TRAY DL 8X TS-L633B LF W/O BEZEL SATA	KU.00801.030
	ODD PANASONIC SUPER-MULTI DRIVE 12.7MM TRAY DL 8X UJ880A LF W/O BEZEL SATA	KU.00807.064
	ODD SONY SUPER-MULTI DRIVE 12.7MM TRAY DL 8X AD-7590S LF W/O BEZEL 1.B0 SATA	KU.0080E.025
	ODD PLDS SUPER-MULTI DRIVE 12.7MM TRAY DL 8X DS-8A3S LF W/O BEZEL SATA	KU.0080F.004
	ODD BEZEL-SULPER MULTI	42.PAA02.006
	ODD BRACKET	33.PAA02.002
Combo Drive		
	ODD BD COMBO MODULE	6M.PBP02.002
	ODD PIONEER BD COMBO 12.7MM TRAY DL 4X BDC-TD01RS LF W/O BEZEL SATA	KO.00405.002
	ODD PANASONIC BD COMBO 12.7MM TRAY DL 4X UJ-130A LF W/O BEZEL SATA 2X SINGLE LAYER, 4X DOUBLE LAYER	KO.00407.002
	ODD PLDS BD COMBO 12.7MM TRAY DL 4X DS-4E1S LF W/O BEZEL SATA	KO.0040F.001

Category	Description	Acer PN
	ODD BEZEL-BD COMBO	42.PAA02.007
	ODD BRACKET	33.PAA02.002
LCD		
	ASSY LCD MODULE 14" WXGA GLARE W/ ANTENNA *2, CAMERA, IMR	6M.PBP02.003
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 0A LF 220NIT 8MS 500:1	LK.14005.006
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 1A LF 200NIT 8MS 500:1	LK.14005.008
	LED LCD SAMSUNG 14" WXGA GLARE LTN140AT01-G01 LF 220NIT 8MS 500:1	LK.14006.009
	LED LCD LPL 14" WXGA GLARE LP140WH1-TLA1 LF 220NIT 8MS 500:1	LK.14008.001
	LED LCD CMO 14" WXGA GLARE N140B6-L02 LF 220NIT 8MS 400:1	LK.1400D.004
	LCD COVER IMR	60.PAA02.005
	ANTENNA MAIN (R -1X2)	50.PAA02.004
	ANTENNA AUX (L)	50.PAA02.005
	LCD BEZEL W/CMOS	60.PAA02.006
	CAMERA BRACKET	33.PAA02.006
	LVDS CABLE	50.PAA02.007
	LCD BRACKET R&L	33.PAA02.007
	CAMERA 0.3M	57.PAA02.001
	ASSY LCD MODULE 14" WXGA GLARE W/ ANTENNA *3, CAMERA, IMR	6M.PBP02.005

Category	Description	Acer PN
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 0A LF 220NIT 8MS 500:1	LK.14005.006
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 1A LF 200NIT 8MS 500:1	LK.14005.008
	LED LCD SAMSUNG 14" WXGA GLARE LTN140AT01-G01 LF 220NIT 8MS 500:1	LK.14006.009
	LED LCD LPL 14" WXGA GLARE LP140WH1-TLA1 LF 220NIT 8MS 500:1	LK.14008.001
	LED LCD CMO 14" WXGA GLARE N140B6-L02 LF 220NIT 8MS 400:1	LK.1400D.004
	LCD COVER IMR	60.PAA02.005
	ANTENNA AUX (L)	50.PAA02.005
	ANTENNA MIMO (R-3X3)	50.PAA02.006
	LCD BEZEL W/CMOS	60.PAA02.006
	CAMERA BRACKET	33.PAA02.006
	LVDS CABLE	50.PAA02.007
	LCD BRACKET R&L	33.PAA02.007
	CAMERA 0.3M	57.PAA02.001
	ASSY LCD MODULE 14" WXGA GLARE W/ ANTENNA *2, IMR, W/O CCD	6M.PBP02.004
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 0A LF 220NIT 8MS 500:1	LK.14005.006
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 1A LF 200NIT 8MS 500:1	LK.14005.008
	LED LCD SAMSUNG 14" WXGA GLARE LTN140AT01-G01 LF 220NIT 8MS 500:1	LK.14006.009
	LED LCD LPL 14" WXGA GLARE LP140WH1-TLA1 LF 220NIT 8MS 500:1	LK.14008.001
	LED LCD CMO 14" WXGA GLARE N140B6-L02 LF 220NIT 8MS 400:1	LK.1400D.004

Category	Description	Acer PN
	LCD COVER IMR	60.PAA02.005
	ANTENNA MAIN (R -1X2)	50.PAA02.004
	ANTENNA AUX (L)	50.PAA02.005
	LCD BEZEL W/O CMOS	60.PAA02.007
	CAMERA BRACKET	33.PAA02.006
	LVDS CABLE	50.PAA02.007
	LCD BRACKET R&L	33.PAA02.007
	ASSY LCD MODULE 14" WXGA GLARE W/ ANTENNA *3, IMR, W/O CCD	6M.PBP02.006
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 0A LF 220NIT 8MS 500:1	LK.14005.006
	LED LCD AUO 14" WXGA GLARE B140XW01 V0 1A LF 200NIT 8MS 500:1	LK.14005.008
	LED LCD SAMSUNG 14" WXGA GLARE LTN140AT01-G01 LF 220NIT 8MS 500:1	LK.14006.009
	LED LCD LPL 14" WXGA GLARE LP140WH1-TLA1 LF 220NIT 8MS 500:1	LK.14008.001
	LED LCD CMO 14" WXGA GLARE N140B6-L02 LF 220NIT 8MS 400:1	LK.1400D.004
	LCD COVER IMR	60.PAA02.005
	ANTENNA AUX (L)	50.PAA02.005
	ANTENNA MIMO (R-3X3)	50.PAA02.006

Category	Description	Acer PN
	LCD BEZEL W/O CMOS	60.PAA02.007
	CAMERA BRACKET	33.PAA02.006
	LVDS CABLE	50.PAA02.007
	LCD BRACKET R&L	33.PAA02.007
Mainboard		
	Mainboard AS4535/AS4235 ATI RS780 SB700 LF with all connectors	MB.PBE02.001
	Mainboard AS4535G ATI RS780 SB700 LF with all connectors	MB.PBG02.001
Thermal Module		
	CPU THERMAL MODULE-DIS	60.PBP02.003
	CPU THERMAL MODULE-UMA	60.PBP02.004
Speaker		
	MIC SET W/CABLE	23.PAA02.001
	SPEAKER	23.PAA02.002
Miscellaneous		
	NAME PLATE-AS4535	40.PBP02.001
	NAME PLATE-AS4535G	40.P4402.001
	NAME PLATE-AS4235	40.PBP02.002
	HINGE CAP RUBBER	47.PAA02.001
	LCD SCREW MYLAR	47.PAA02.002
	LCD SCREW RUBBER	47.PAA02.003

Screw List

Category	Description	Acer PN
Screw		
	SCREW M1.98D 3.0L K 4.6D 0.8T ZK	86.PAA02.001
	SCREW M2.46D 3.0L K 5.5D 0.8T ZK	86.PAA02.002
	SCREW M2.5D 5L K 5.5D ZK NL CR3	86.PAA02.003
	SCREW M2.5D 10.0L K 5.5D ZK NL CR3	86.PAA02.004
	SCREW M2.5 3.9 ZK	86.PAA02.005
	SCREW M3.0D 3.0L K 4.9D NI	86.PAA02.006
	SCREW M2.5D 3.2L K 6D NI	86.PAA02.007

Model Definition and Configuration

Aspire 4535/4535G/4235 Series

Model	RO	Country	Acer Part No	Description	CPU
AS4235-421G16Mn	AAP	Australia/New Zealand	LX.PBN0Y.002	AS4235-421G16Mn VHB32ATAU1 MC UMACbk 1*1G/160/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	SMPSI4225W
AS4235-421G16Mn	CHINA	China	LX.PBN0C.001	AS4235-421G16Mn LINPUSACN1 UMACbk 1*1G/160/BT/6L/5R/ CB_bgn_0.3D_HG_EN91	SMPSI4225W
AS4235-422G16Mn	AAP	Australia/New Zealand	LX.PBN0Y.001	AS4235-422G16Mn VHB32ATAU1 MC UMACbk 1*2G/160/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	SMPSI4225W
AS4235-421G16Mn	AAP	Thailand	LX.PBN0C.003	AS4235-421G16Mn LINPUSATH1 UMACbk 1*1G/160/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	SMPSI4225W
AS4235-421G25Mn	AAP	Thailand	LX.PBN0C.002	AS4235-421G25Mn LINPUSATH1 UMACbk 1*1G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	SMPSI4225W
AS4235-421G16Mn	CHINA	China	LX.PBM0C.001	AS4235-421G16Mn LINPUSACN1 UMAbk 1*1G/ 160/BT/6L/5R/ CB_bgn_HG_EN91	SMPSI4225W
AS4535G-844G50Bn	WW	WW	S2.P440X.001	AS4535G-844G50Bn VHP32AWW1 MC M92XT512CEF 2*2G/500_L/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN1 1RO presales sample	ATUZM84
AS4535G-844G50Mn	AAP	Singapore	LX.PBH0X.012	AS4535G-844G50Mn VHP32ATSG1 MC M92XT512CFbk 2*2G/ 500_L/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN1 2	ATUZM84
AS4535G-642G32Mn	CHINA	Hong Kong	LX.PBH0Y.001	AS4535G-642G32Mn VHB32ATHK2 MC M92XT512CFbk 1*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_ZH3 1	AAQL64
AS4535G-822G25Mn	AAP	Philippines	LX.PBH0C.003	AS4535G-822G25Mn LINPUSAPH1 M92XT512CFbk 1*2G/250/ BT/6L/5R/ CB_bg_FP_0.3D_HG_EN11	ATUZM82

Model	RO	Country	Acer Part No	Description	CPU
AS4535G-821G32Mn	AAP	Philippines	LX.PBH0C.002	AS4535G-821G32Mn LINPUSAPH1 M92XT512CFbk 1*1G/320/ 6L/5R/ CB_bg_FP_0.3D_HG_EN11	ATUZM82
AS4535G-821G25Mn	AAP	Philippines	LX.PBH0C.001	AS4535G-821G25Mn LINPUSAPH1 M92XT512CFbk 1*1G/250/ 6L/5R/ CB_bg_FP_0.3D_HG_EN11	ATUZM82
AS4535G-744G32Mn	AAP	Singapore	LX.PBH0X.011	AS4535G-744G32Mn VHP32ATSG1 MC M92XT512CFbk 2*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATRM74
AS4535G-643G16Mn	AAP	Singapore	LX.PBH0X.009	AS4535G-643G16Mn VHP32ATSG1 MC M92XT512CFbk 2G+1G/ 160/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535G-742G32Mn	AAP	Singapore	LX.PBH0X.007	AS4535G-742G32Mn VHP32ATSG1 MC M92XT512CFbk 1*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATRM74
AS4535G-844G32Mn	AAP	Singapore	LX.PBH0X.005	AS4535G-844G32Mn VHP32ATSG1 MC M92XT512CFbk 2*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATUZM84
AS4535G-642G25Mn	AAP	Singapore	LX.PBH0X.004	AS4535G-642G25Mn VHP32ATSG1 MC M92XT512CFbk 1*2G/250/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535G-824G50Bn	WW	WW	S2.PBH0X.002	AS4535G-824G50Bn VHP32AWW1 MC M92XT512CFbk 2*2G/ 500_L/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM82
AS4535G-824G50Bn	WW	GCTWN	S2.PBH0X.001	AS4535G-824G50Bn VHP32AWW1 MC M92XT512CFbk 2*2G/ 500_L/BT/6L/5R/ CB_bgn_FP_0.3D_HG_ENX1	ATUZM82
AS4535G-642G32Mn	AAP	Singapore	LX.PBH0X.003	AS4535G-642G32Mn VHP32ATSG1 MC M92XT512CFbk 1*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64

Model	RO	Country	Acer Part No	Description	CPU
AS4535G-843G32Mn	AAP	Singapore	LX.PBH0X.006	AS4535G-843G32Mn VHP32ATSG1 MC M92XT512CFbk 2G+1G/ 320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATUZM84
AS4535G-743G32Mn	AAP	Singapore	LX.PBH0X.008	AS4535G-743G32Mn VHP32ATSG1 MC M92XT512CFbk 2G+1G/ 320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATRM74
AS4535G-642G16Mn	AAP	Singapore	LX.PBH0X.010	AS4535G-642G16Mn VHP32ATSG1 MC M92XT512CFbk 1*2G/160/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535G-864G50Mn	AAP	Singapore	LX.PBH0X.001	AS4535G-864G50Mn VHP32ATSG1 MC M92XT512CFbk 2*2G/ 500_L/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATUZM86
AS4535G-822G50Mn	AAP	Thailand	LX.PBH0C.006	AS4535G-822G50Mn LINPUSATH1 M92XT512CFbk 1*2G/ 500_L/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM82
AS4535G-742G32Mn	AAP	Thailand	LX.PBH0C.009	AS4535G-742G32Mn LINPUSATH1 M92XT512CFbk 1*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM74
AS4535G-822G32Mn	AAP	Thailand	LX.PBH0C.007	AS4535G-822G32Mn LINPUSATH1 M92XT512CFbk 1*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM82
AS4535G-742G25Mn	AAP	Thailand	LX.PBH0C.008	AS4535G-742G25Mn LINPUSATH1 M92XT512CFbk 1*2G/250/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM74
AS4535G-722G32Mn	AAP	Thailand	LX.PBH0C.010	AS4535G-722G32Mn LINPUSATH1 M92XT512CFbk 1*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM72
AS4535G-842G50Mn	AAP	Thailand	LX.PBH0C.004	AS4535G-842G50Mn LINPUSATH1 M92XT512CFbk 1*2G/ 500_L/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM84

Model	RO	Country	Acer Part No	Description	CPU
AS4535G-722G25Mn	AAP	Thailand	LX.PBH0C.011	AS4535G-722G25Mn LINPUSATH1 M92XT512CFbk 1*2G/250/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM72
AS4535G-842G32Mn	AAP	Thailand	LX.PBH0C.005	AS4535G-842G32Mn LINPUSATH1 M92XT512CFbk 1*2G/320/ BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM84
AS4535G-824G50Mn	WW	WW	S2.PBH0X.003	AS4535G-824G50Mn VHP32AWW1 MC M92XT512CFbk 2*2G/ 500_L/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM82
AS4535G-864G50Mn	AAP	Singapore	LX.PBG0X.007	AS4535G-864G50Mn VHP32ATSG1 MC M92XT512Cbk 2*2G/500_L/ BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATUZM86
AS4535G-824G32Mn	AAP	Singapore	LX.PBG0X.005	AS4535G-824G32Mn VHP32ATSG1 MC M92XT512Cbk 2*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	ATUZM82
AS4535G-642G16Mn	AAP	Singapore	LX.PBG0X.004	AS4535G-642G16Mn VHP32ATSG1 MC M92XT512Cbk 1*2G/160/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535G-864G32Mn	AAP	Singapore	LX.PBG0X.006	AS4535G-864G32Mn VHP32ATSG1 MC M92XT512Cbk 2*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	ATUZM86
AS4535G-642G25Mn	AAP	Singapore	LX.PBG0X.003	AS4535G-642G25Mn VHP32ATSG1 MC M92XT512Cbk 1*2G/250/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535G-744G32Mn	AAP	Singapore	LX.PBG0X.011	AS4535G-744G32Mn VHP32ATSG1 MC M92XT512Cbk 2*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	ATRM74
AS4535G-642G32Mn	AAP	Singapore	LX.PBG0X.001	AS4535G-642G32Mn VHP32ATSG1 MC M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535G-644G32Mn	AAP	Singapore	LX.PBG0X.002	AS4535G-644G32Mn VHP32ATSG1 MC M92XT512Cbk 2*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64

Model	RO	Country	Acer Part No	Description	CPU
AS4535G-742G32Mn	AAP	Singapore	LX.PBG0X.010	AS4535G-742G32Mn VHP32ATSG1 MC M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	ATRM74
AS4535G-844G32Mn	AAP	Singapore	LX.PBG0X.008	AS4535G-844G32Mn VHP32ATSG1 MC M92XT512Cbk 2*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN12	ATUZM84
AS4535G-722G25Mn	AAP	Thailand	LX.PBG0C.013	AS4535G-722G25Mn LINPUSATH1 M92XT512Cbk 1*2G/250/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM72
AS4535G-722G32Mn	AAP	Thailand	LX.PBG0C.012	AS4535G-722G32Mn LINPUSATH1 M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM72
AS4535G-742G32Mn	AAP	Thailand	LX.PBG0C.010	AS4535G-742G32Mn LINPUSATH1 M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM74
AS4535G-742G25Mn	AAP	Thailand	LX.PBG0C.011	AS4535G-742G25Mn LINPUSATH1 M92XT512Cbk 1*2G/250/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM74
AS4535G-822G25Mn	AAP	Thailand	LX.PBG0C.009	AS4535G-822G25Mn LINPUSATH1 M92XT512Cbk 1*2G/250/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM82
AS4535G-822G50Mn	AAP	Thailand	LX.PBG0C.007	AS4535G-822G50Mn LINPUSATH1 M92XT512Cbk 1*2G/500_L/ BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM82
AS4535G-822G32Mn	AAP	Thailand	LX.PBG0C.008	AS4535G-822G32Mn LINPUSATH1 M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM82
AS4535G-842G25Mn	AAP	Thailand	LX.PBG0C.006	AS4535G-842G25Mn LINPUSATH1 M92XT512Cbk 1*2G/250/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM84
AS4535G-862G25Mn	AAP	Thailand	LX.PBG0C.001	AS4535G-862G25Mn LINPUSATH1 M92XT512Cbk 1*2G/250/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM86
AS4535G-862G32Mn	AAP	Thailand	LX.PBG0C.002	AS4535G-862G32Mn LINPUSATH1 M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM86

Model	RO	Country	Acer Part No	Description	CPU
AS4535G-862G50Mn	AAP	Thailand	LX.PBG0C.003	AS4535G-862G50Mn LINPUSATH1 M92XT512Cbk 1*2G/500_L/ BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM86
AS4535G-842G50Mn	AAP	Thailand	LX.PBG0C.004	AS4535G-842G50Mn LINPUSATH1 M92XT512Cbk 1*2G/500_L/ BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM84
AS4535G-842G32Mn	AAP	Thailand	LX.PBG0C.005	AS4535G-842G32Mn LINPUSATH1 M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM84
AS4535G-642G32Mn	CHINA	Hong Kong	LX.PBG0Y.001	AS4535G-642G32Mn VHB32ATHK2 MC M92XT512Cbk 1*2G/320/BT/ 6L/5R/ CB_bgn_0.3D_HG_ZH31	AAQL64
AS4535G-722G25Mn	CHINA	China	LX.PBD0C.001	AS4535G-722G25Mn LINPUSACN1 M92XT512bk 1*2G/250/BT/6L/5R/ CB_bgn_HG_EN91	ATRM72
AS4535-843G32Mn	AAP	Singapore	LX.PBF0X.014	AS4535-843G32Mn VHP32ATSG1 MC UMACFbk 2G+1G/320/BT/ 6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATUZM84
AS4535-844G32Mn	AAP	Singapore	LX.PBF0X.013	AS4535-844G32Mn VHP32ATSG1 MC UMACFbk 2*2G/320/BT/6L/ 5R/ CB_bgn_FP_0.3D_HG_EN12	ATUZM84
AS4535-643G32Mn	AAP	Singapore	LX.PBF0X.007	AS4535-643G32Mn VHP32ATSG1 MC UMACFbk 2G+1G/320/BT/ 6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535-744G32Mn	AAP	Singapore	LX.PBF0X.012	AS4535-744G32Mn VHP32ATSG1 MC UMACFbk 2*2G/320/BT/6L/ 5R/ CB_bgn_FP_0.3D_HG_EN12	ATRM74
AS4535-864G32Mn	AAP	Singapore	LX.PBF0X.011	AS4535-864G32Mn VHP32ATSG1 MC UMACFbk 2*2G/320/BT/6L/ 5R/ CB_bgn_FP_0.3D_HG_EN12	ATUZM86
AS4535-643G25Mn	AAP	Singapore	LX.PBF0X.008	AS4535-643G25Mn VHP32ATSG1 MC UMACFbk 2G+1G/250/BT/ 6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64

Model	RO	Country	Acer Part No	Description	CPU
AS4535-743G32Mn	AAP	Singapore	LX.PBF0X.015	AS4535-743G32Mn VHP32ATSG1 MC UMACFbk 2G+1G/320/BT/ 6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATRM74
AS4535-744G50Mn	AAP	Singapore	LX.PBF0X.009	AS4535-744G50Mn VHP32ATSG1 MC UMACFbk 2*2G/500_L/BT/ 6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATRM74
AS4535-864G50Mn	AAP	Singapore	LX.PBF0X.010	AS4535-864G50Mn VHP32ATSG1 MC UMACFbk 2*2G/500_L/BT/ 6L/5R/ CB_bgn_FP_0.3D_HG_EN12	ATUZM86
AS4535-644G32Mn	AAP	Singapore	LX.PBF0X.006	AS4535-644G32Mn VHP32ATSG1 MC UMACFbk 2*2G/320/BT/6L/ 5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535-721G32Mn	CHINA	China	LX.PBF0C.018	AS4535-721G32Mn LINPUSACN1 UMACFbk 1*1G/320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN91	ATRM72
AS4535-642G16Mn	AAP	Singapore	LX.PBF0X.005	AS4535-642G16Mn VHP32ATSG1 MC UMACFbk 1*2G/160/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535-643G25Mn	AAP	Singapore	LX.PBF0X.004	AS4535-643G25Mn VHP32ATSG1 MC UMACFbk 2G+1G/250/6L/ 5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535-721G25Mn	CHINA	China	LX.PBF0C.017	AS4535-721G25Mn LINPUSACN1 UMACFbk 1*1G/250/6L/5R/ CB_bgn_FP_0.3D_HG_EN91	ATRM72
AS4535-641G16Mn	AAP	Singapore	LX.PBF0X.003	AS4535-641G16Mn VHP32ATSG1 MC UMACFbk 1*1G/160/6L/5R/ CB_bgn_FP_0.3D_HG_EN12	AAQL64
AS4535-621G25Mn	AAP	Thailand	LX.PBF0C.016	AS4535-621G25Mn LINPUSATH1 UMACFbk 1*1G/250/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	AAQL62
AS4535-822G32Mn	AAP	Philippines	LX.PBF0C.004	AS4535-822G32Mn LINPUSAPH1 UMACFbk 1*2G/320/BT/6L/5R/ CB_bg_FP_0.3D_HG_EN11	ATUZM82

Model	RO	Country	Acer Part No	Description	CPU
AS4535-641G25Mn	CHINA	China	LX.PBF0C.005	AS4535-641G25Mn LINPUSACN1 UMACFbk 1*1G/250/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN91	AAQL64
AS4535-822G25Mn	AAP	Philippines	LX.PBF0C.003	AS4535-822G25Mn LINPUSAPH1 UMACFbk 1*2G/250/BT/6L/5R/ CB_bg_FP_0.3D_HG_EN11	ATUZM82
AS4535-821G16Mn	AAP	Philippines	LX.PBF0C.002	AS4535-821G16Mn LINPUSAPH1 UMACFbk 1*1G/160/BT/6L/5R/ CB_bg_FP_0.3D_HG_EN11	ATUZM82
AS4535-821G16Mn	AAP	Philippines	LX.PBF0X.002	AS4535-821G16Mn EM VHP32ATPH1 MC UMACFbk 1*1G/160/BT/6L/5R/ CB_bg_FP_0.3D_HG_EN14	ATUZM82
AS4535-822G25Mn	AAP	Philippines	LX.PBF0X.001	AS4535-822G25Mn EM VHP32ATPH1 MC UMACFbk 1*2G/250/BT/6L/5R/ CB_bg_FP_0.3D_HG_EN14	ATUZM82
AS4535-642G25Mn	AAP	India	LX.PBF0C.001	AS4535-642G25Mn LINPUSAIN1 UMACFbk 1*2G/250/BT/6L/5R/ CB_bg_FP_0.3D_HG_EN11	AAQL64
AS4535-642G25Mn	AAP	Thailand	LX.PBF0C.015	AS4535-642G25Mn LINPUSATH1 UMACFbk 1*2G/250/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	AAQL64
AS4535-641G32Mn	AAP	Thailand	LX.PBF0C.014	AS4535-641G32Mn LINPUSATH1 UMACFbk 1*1G/320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	AAQL64
AS4535-862G32Mn	AAP	Thailand	LX.PBF0C.013	AS4535-862G32Mn LINPUSATH1 UMACFbk 1*2G/320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM86
AS4535-641G25Mn	AAP	Thailand	LX.PBF0C.012	AS4535-641G25Mn LINPUSATH1 UMACFbk 1*1G/250/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	AAQL64
AS4535-722G25Mn	AAP	Thailand	LX.PBF0C.011	AS4535-722G25Mn LINPUSATH1 UMACFbk 1*2G/250/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM72
AS4535-742G25Mn	AAP	Thailand	LX.PBF0C.009	AS4535-742G25Mn LINPUSATH1 UMACFbk 1*2G/250/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM74
AS4535-822G32Mn	AAP	Thailand	LX.PBF0C.007	AS4535-822G32Mn LINPUSATH1 UMACFbk 1*2G/320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM82

Model	RO	Country	Acer Part No	Description	CPU
AS4535-842G32Mn	AAP	Thailand	LX.PBF0C.006	AS4535-842G32Mn LINPUSATH1 UMACFbk 1*2G/320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATUZM84
AS4535-742G32Mn	AAP	Thailand	LX.PBF0C.008	AS4535-742G32Mn LINPUSATH1 UMACFbk 1*2G/320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM74
AS4535-722G32Mn	AAP	Thailand	LX.PBF0C.010	AS4535-722G32Mn LINPUSATH1 UMACFbk 1*2G/320/BT/6L/5R/ CB_bgn_FP_0.3D_HG_EN11	ATRM72
AS4535-642G25Mn	TWN	GCTWN	LX.PBF0Y.001	AS4535-642G25Mn VHB32ATTW1 MC UMACFbk 1*2G/250/BT/6L/5R/ CB_bgn_FP_0.3D_HG_TC11	AAQL64
AS4535-642G25Mn	PA	ACLA-Spanish	LX.PBE0C.018	AS4535-642G25Mn LINPUSAEA1 UMACbk 2*1G/250/6L/5R/ CB_bgn_0.3D_HG_EN61	AAQL64
AS4535-723G32Mn	PA	ACLA-Spanish	LX.PBE0C.014	AS4535-723G32Mn LINPUSAEA1 UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_EN61	ATRM72
AS4535-644G32Mn	AAP	Singapore	LX.PBE0X.017	AS4535-644G32Mn VHP32ATSG1 MC UMACbk 2*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535-743G32Mn	AAP	Singapore	LX.PBE0X.025	AS4535-743G32Mn VHP32ATSG1 MC UMACbk 2G+1G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATRM74
AS4535-844G50Mn	AAP	Singapore	LX.PBE0X.020	AS4535-844G50Mn VHP32ATSG1 MC UMACbk 2*2G/500_L/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATUZM84
AS4535-744G50Mn	AAP	Singapore	LX.PBE0X.021	AS4535-744G50Mn VHP32ATSG1 MC UMACbk 2*2G/500_L/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATRM74
AS4535-744G32Mn	AAP	Singapore	LX.PBE0X.022	AS4535-744G32Mn VHP32ATSG1 MC UMACbk 2*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATRM74
AS4535-844G32Mn	AAP	Singapore	LX.PBE0X.023	AS4535-844G32Mn VHP32ATSG1 MC UMACbk 2*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATUZM84
AS4535-843G32Mn	AAP	Singapore	LX.PBE0X.024	AS4535-843G32Mn VHP32ATSG1 MC UMACbk 2G+1G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATUZM84

Model	RO	Country	Acer Part No	Description	CPU
AS4535-643G32Mn	AAP	Singapore	LX.PBE0X.018	AS4535-643G32Mn VHP32ATSG1 MC UMACbk 2G+1G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535-643G25Mn	AAP	Singapore	LX.PBE0X.019	AS4535-643G25Mn VHP32ATSG1 MC UMACbk 2G+1G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535-643G25Mn	PA	ACLA-Spanish	LX.PBE0Y.013	AS4535-643G25Mn EM VHB32ATEA1 MC UMACbk 2G+1G/250/6L/5R/ CB_bgn_0.3D_HG_ES51	AAQL64
AS4535-643G32Mn	PA	USA	LX.PBE0X.016	AS4535-643G32Mn VHP32ATUS1 MC UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_EN32	AAQL64
AS4535-643G32Mn	PA	USA	LX.PBE0X.015	AS4535-643G32Mn VHP64ATUS1 MC UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_EN11	AAQL64
AS4535-643G32Mn	PA	Canada	LX.PBE0X.014	AS4535-643G32Mn VHP32ATCA2 MC UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_ENJ1	AAQL64
AS4535-641G32Mn	CHINA	China	LX.PBE0C.033	AS4535-641G32Mn LINPUSACN1 UMACbk 1*1G/320/6L/5R/ CB_bgn_0.3D_HG_EN91	AAQL64
AS4535-722G32Mn	CHINA	China	LX.PBE0C.032	AS4535-722G32Mn LINPUSACN1 UMACbk 1*2G/320/6L/5R/ CB_bgn_0.3D_HG_EN91	ATRM72
AS4535-741G25Mn	AAP	Indonesia	LX.PBE0C.031	AS4535-741G25Mn LINPUSAID1 UMACbk 1*1G/ 250/BT/6L/5R/ CB_bgn_0.3D_HG_ID22	ATRM74
AS4535-642G25Mn	CHINA	China	LX.PBE0C.030	AS4535-642G25Mn LINPUSACN1 UMACbk 1*2G/250/6L/5R/ CB_bgn_0.3D_HG_EN91	AAQL64
AS4535-644G32Mn	EMEA	Spain	LX.PBE0X.013	AS4535-644G32Mn VHP32ATES1 MC UMACbk 2*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_ES22	AAQL64
AS4535-642G16Mn	AAP	Singapore	LX.PBE0X.012	AS4535-642G16Mn VHP32ATSG1 MC UMACbk 1*2G/160/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535-722G16Mn	AAP	Singapore	LX.PBE0X.011	AS4535-722G16Mn VHP32ATSG1 MC UMACbk 1*2G/160/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	ATRM72
AS4535-641G16Mn	AAP	Singapore	LX.PBE0Y.012	AS4535-641G16Mn VHB32ATSG1 MC UMACbk 1*1G/160/BT/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64

Model	RO	Country	Acer Part No	Description	CPU
AS4535-822G25Mn	AAP	Philippines	LX.PBE0C.009	AS4535-822G25Mn LINPUSAPH1 UMACbk 1*2G/250/6L/5R/ CB_bg_0.3D_HG_EN11	ATUZM82
AS4535-741G25Mn	AAP	Malaysia	LX.PBE0C.001	AS4535-741G25Mn LINPUSAMY1 UMACbk 1*1G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM74
AS4535-642G25Mn	AAP	Philippines	LX.PBE0C.010	AS4535-642G25Mn LINPUSAPH1 UMACbk 1*2G/250/BT/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-821G16Mn	AAP	Philippines	LX.PBE0C.011	AS4535-821G16Mn LINPUSAPH1 UMACbk 1*1G/160/BT/6L/5R/ CB_bg_0.3D_HG_EN11	ATUZM82
AS4535-642G25Mn	AAP	Philippines	LX.PBE0C.007	AS4535-642G25Mn LINPUSAPH1 UMACbk 1*2G/250/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-642G16Mn	AAP	India	LX.PBE0C.005	AS4535-642G16Mn LINPUSAIN1 UMACbk 1*2G/ 160/BT/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-643G32Mn	AAP	India	LX.PBE0C.003	AS4535-643G32Mn LINPUSAIN1 UMACbk 2G+1G/320/BT/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-641G25Mn	CHINA	China	LX.PBE0C.012	AS4535-641G25Mn LINPUSACN1 UMACbk 1*1G/250/6L/5R/ CB_bgn_0.3D_HG_EN91	AAQL64
AS4535-643G50Mn	AAP	India	LX.PBE0C.002	AS4535-643G50Mn LINPUSAIN1 UMACbk 2G+1G/500_L/BT/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-642G32Mn	AAP	India	LX.PBE0C.004	AS4535-642G32Mn LINPUSAIN1 UMACbk 1*2G/ 320/BT/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-641G16Mn	AAP	India	LX.PBE0C.006	AS4535-641G16Mn LINPUSAIN1 UMACbk 1*1G/ 160/BT/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-642G25Mn	AAP	India	LX.PBE0C.008	AS4535-642G25Mn LINPUSAIN1 UMACbk 1*2G/ 250/BT/6L/5R/ CB_bg_0.3D_HG_EN11	AAQL64
AS4535-641G16Mn	AAP	Thailand	LX.PBE0Y.003	AS4535-641G16Mn EM VHB32ATTH1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_TH22	AAQL64
AS4535-723G32Mn	PA	USA	LX.PBE0C.016	AS4535-723G32Mn LINPUSAUS1 UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_EN31	ATRM72

Model	RO	Country	Acer Part No	Description	CPU
AS4535-642G25Mn	PA	ACLA-Portuguese	LX.PBE0X.007	AS4535-642G25Mn EM VHP32ATXC2 MC UMACbk 2*1G/250/6L/5R/ CB_bgn_0.3D_HG_XC21	AAQL64
AS4535-642G25Mn	PA	ACLA-Spanish	LX.PBE0X.005	AS4535-642G25Mn EM VHP32ATEA1 MC UMACbk 2*1G/250/6L/5R/ CB_bgn_0.3D_HG_ES22	AAQL64
AS4535-723G32Mn	PA	ACLA-Spanish	LX.PBE0X.002	AS4535-723G32Mn EM VHP32ATEA1 MC UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_ES22	ATRM72
AS4535-723G32Mn	PA	ACLA-Spanish	LX.PBE0X.003	AS4535-723G32Mn EM VHP32ATEA3 MC UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_ES22	ATRM72
AS4535-723G32Mn	PA	ACLA-Portuguese	LX.PBE0X.004	AS4535-723G32Mn EM VHP32ATXC2 MC UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_XC21	ATRM72
AS4535-642G25Mn	PA	ACLA-Spanish	LX.PBE0X.006	AS4535-642G25Mn EM VHP32ATEA3 MC UMACbk 2*1G/250/6L/5R/ CB_bgn_0.3D_HG_ES22	AAQL64
AS4535-723G32Mn	PA	ACLA-Portuguese	LX.PBE0C.015	AS4535-723G32Mn LINPUSAXC2 UMACbk 2G+1G/320/6L/5R/ CB_bgn_0.3D_HG_EN62	ATRM72
AS4535-642G25Mn	PA	ACLA-Portuguese	LX.PBE0C.019	AS4535-642G25Mn LINPUSAXC2 UMACbk 2*1G/250/6L/5R/ CB_bgn_0.3D_HG_EN62	AAQL64
AS4535-822G32Mn	AAP	Philippines	LX.PBE0X.001	AS4535-822G32Mn EM VHP32ATPH1 MC UMACbk 1*2G/320/6L/5R/ CB_bg_0.3D_HG_EN14	ATUZM82
AS4535-642G25Mn	TWN	GCTWN	LX.PBE0Y.001	AS4535-642G25Mn VHB32ATTW1 MC UMACbk 1*2G/250/BT/6L/5R/ CB_bgn_0.3D_HG_TC11	AAQL64
AS4535-642G25Mn	PA	USA	LX.PBE0C.020	AS4535-642G25Mn LINPUSAUS1 UMACbk 2*1G/250/6L/5R/ CB_bgn_0.3D_HG_EN31	AAQL64
AS4535-641G16Mn	AAP	Vietnam	LX.PBE0Y.002	AS4535-641G16Mn EM VHB32ATVN1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_EN13	AAQL64
AS4535-641G16Mn	AAP	Singapore	LX.PBE0Y.009	AS4535-641G16Mn VHB32ATSG1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535-821G16Mn	AAP	Philippines	LX.PBE0Y.011	AS4535-821G16Mn EM VHB32ATPH1 MC UMACbk 1*1G/160/BT/6L/5R/ CB_bg_0.3D_HG_EN14	ATUZM82

Model	RO	Country	Acer Part No	Description	CPU
AS4535-741G25Mn	AAP	Malaysia	LX.PBE0Y.010	AS4535-741G25Mn EM VHB32ATMY1 MC UMACbk 1*1G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN14	ATRM74
AS4535-641G16Mn	AAP	Australia/New Zealand	LX.PBE0Y.008	AS4535-641G16Mn VHB32ATAU1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535-641G16Mn	AAP	India	LX.PBE0Y.004	AS4535-641G16Mn VHB32ATIN1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_EN12	AAQL64
AS4535-641G16Mn	AAP	Indonesia	LX.PBE0Y.005	AS4535-641G16Mn EM VHB32ATID1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_ID24	AAQL64
AS4535-641G16Mn	AAP	Philippines	LX.PBE0Y.006	AS4535-641G16Mn EM VHB32ATPH1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_EN14	AAQL64
AS4535-641G16Mn	AAP	Malaysia	LX.PBE0Y.007	AS4535-641G16Mn EM VHB32ATMY1 MC UMACbk 1*1G/160/6L/5R/ CB_bgn_0.3D_HG_EN14	AAQL64
AS4535-641G25Mn	AAP	Thailand	LX.PBE0C.029	AS4535-641G25Mn LINPUSATH1 UMACbk 1*1G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	AAQL64
AS4535-722G25Mn	AAP	Thailand	LX.PBE0C.028	AS4535-722G25Mn LINPUSATH1 UMACbk 1*2G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM72
AS4535-722G32Mn	AAP	Thailand	LX.PBE0C.027	AS4535-722G32Mn LINPUSATH1 UMACbk 1*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM72
AS4535-742G32Mn	AAP	Thailand	LX.PBE0C.026	AS4535-742G32Mn LINPUSATH1 UMACbk 1*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM74
AS4535-742G25Mn	AAP	Thailand	LX.PBE0C.025	AS4535-742G25Mn LINPUSATH1 UMACbk 1*2G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATRM74
AS4535-822G25Mn	AAP	Thailand	LX.PBE0C.024	AS4535-822G25Mn LINPUSATH1 UMACbk 1*2G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM82
AS4535-822G32Mn	AAP	Thailand	LX.PBE0C.023	AS4535-822G32Mn LINPUSATH1 UMACbk 1*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM82
AS4535-842G25Mn	AAP	Thailand	LX.PBE0C.022	AS4535-842G25Mn LINPUSATH1 UMACbk 1*2G/250/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM84

Model	RO	Country	Acer Part No	Description	CPU
AS4535-842G32Mn	AAP	Thailand	LX.PBE0C.021	AS4535-842G32Mn LINPUSATH1 UMACbk 1*2G/320/BT/6L/5R/ CB_bgn_0.3D_HG_EN11	ATUZM84
AS4535-642G25Mn	PA	USA	LX.PBE0X.010	AS4535-642G25Mn VHP32ATUS1 MC UMACbk 1*2G/250/6L/5R/ CB_bgn_0.3D_HG_EN32	AAQL64
AS4535-642G25Mn	PA	USA	LX.PBE0X.009	AS4535-642G25Mn VHP32ATUS1 MC UMACbk 1*2G/250/6L/5R/ CB_bgn_0.3D_HG_EN35	AAQL64
AS4535-642G25Mn	PA	USA	LX.PBE0X.008	AS4535-642G25Mn VHP32ATUS1 MC UMACbk 1*2G/250/6L/5R/ CB_bgn_0.3D_HG_EN33	AAQL64
AS4535-641G25Mn	CHINA	China	LX.PBC0C.001	AS4535-641G25Mn LINPUSACN1 UMAbk 1*1G/ 250/BT/6L/5R/ CB_bgn_HG_EN91	AAQL64

Model	LCD	VGA	VRAM 1	Memory 1	Memory 2	HDD 1(GB)
AS4235-421G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4235-421G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4235-422G16Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N160GB5.4KS
AS4235-421G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4235-421G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4235-421G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535G-844G50Bn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535G-844G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535G-642G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-822G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-821G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO1GBII6	N	N320GB5.4KS
AS4535G-821G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO1GBII6	N	N250GB5.4KS
AS4535G-744G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535G-643G16Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO1GBII6	N160GB5.4KS
AS4535G-742G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-844G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535G-642G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS

Model	LCD	VGA	VRAM 1	Memory 1	Memory 2	HDD 1(GB)
AS4535G-824G50Bn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535G-824G50Bn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535G-642G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-843G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535G-743G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535G-642G16Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N160GB5.4KS
AS4535G-864G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535G-822G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N500GB5.4KS
AS4535G-742G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-822G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-742G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-722G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-842G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N500GB5.4KS
AS4535G-722G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-842G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-824G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535G-864G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535G-824G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535G-642G16Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N160GB5.4KS
AS4535G-864G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535G-642G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-744G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535G-642G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-644G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535G-742G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-844G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535G-722G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS

Model	LCD	VGA	VRAM 1	Memory 1	Memory 2	HDD 1(GB)
AS4535G-722G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-742G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-742G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-822G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-822G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N500GB5.4KS
AS4535G-822G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-842G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-862G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535G-862G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-862G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N500GB5.4KS
AS4535G-842G50Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N500GB5.4KS
AS4535G-842G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-642G32Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N320GB5.4KS
AS4535G-722G25Mn	NLED14WXGAG	M92XT	512M-DDR2(64*16*4)	SO2GBII6	N	N250GB5.4KS
AS4535-843G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-844G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-643G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-744G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-864G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-643G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N250GB5.4KS
AS4535-743G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-744G50Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535-864G50Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535-644G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-721G32Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N320GB5.4KS
AS4535-642G16Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N160GB5.4KS
AS4535-643G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N250GB5.4KS

Model	LCD	VGA	VRAM 1	Memory 1	Memory 2	HDD 1(GB)
AS4535-721G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-621G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-822G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-641G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-822G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-821G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-821G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-822G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-641G32Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N320GB5.4KS
AS4535-862G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-641G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-722G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-742G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-822G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-842G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-742G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-722G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	SO1GBII6	N250GB5.4KS
AS4535-723G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-644G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-743G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-844G50Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N500GB5.4KS
AS4535-744G50Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N500GB5.4KS

Model	LCD	VGA	VRAM 1	Memory 1	Memory 2	HDD 1(GB)
AS4535-744G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-844G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-843G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-643G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-643G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N250GB5.4KS
AS4535-643G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N250GB5.4KS
AS4535-643G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-643G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-643G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-641G32Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N320GB5.4KS
AS4535-722G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-741G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-644G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO2GBII6	N320GB5.4KS
AS4535-642G16Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N160GB5.4KS
AS4535-722G16Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N160GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-822G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-741G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-821G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-642G16Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N160GB5.4KS
AS4535-643G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-641G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-643G50Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N500GB5.4KS
AS4535-642G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS

Model	LCD	VGA	VRAM 1	Memory 1	Memory 2	HDD 1(GB)
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-723G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	SO1GBII6	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	SO1GBII6	N250GB5.4KS
AS4535-723G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-723G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-723G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	SO1GBII6	N250GB5.4KS
AS4535-723G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	SO1GBII6	N320GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	SO1GBII6	N250GB5.4KS
AS4535-822G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	SO1GBII6	N250GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-821G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-741G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-641G16Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N160GB5.4KS
AS4535-641G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS
AS4535-722G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-722G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS

Model	LCD	VGA	VRAM 1	Memory 1	Memory 2	HDD 1(GB)
AS4535-742G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-742G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-822G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-822G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-842G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-842G32Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N320GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-642G25Mn	NLED14WXGAG	UMA	N	SO2GBII6	N	N250GB5.4KS
AS4535-641G25Mn	NLED14WXGAG	UMA	N	SO1GBII6	N	N250GB5.4KS

Model	ODD	Wireless LAN	Bluetooth	Finger Print
AS4235-421G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4235-421G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4235-422G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4235-421G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4235-421G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4235-421G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-844G50Bn	NBDCB4XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-844G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-642G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-822G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-821G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	AES1610
AS4535G-821G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	AES1610
AS4535G-744G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-643G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-742G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-844G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-824G50Bn	NBDCB4XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610

Model	ODD	Wireless LAN	Bluetooth	Finger Print
AS4535G-824G50Bn	NBDCB4XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-642G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-843G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-743G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-642G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-864G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-822G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-742G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-822G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-742G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-722G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-842G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-722G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-842G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-824G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535G-864G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-824G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-642G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-864G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-744G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-642G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-644G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-742G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-844G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-722G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-722G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N

Model	ODD	Wireless LAN	Bluetooth	Finger Print
AS4535G-742G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-742G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-822G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-822G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-822G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-842G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-862G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-862G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-862G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-842G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-842G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-642G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535G-722G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-843G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-844G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-643G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-744G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-864G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-643G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-743G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-744G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-864G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-644G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-721G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-642G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	AES1610
AS4535-643G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	AES1610
AS4535-721G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	AES1610
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	AES1610
AS4535-621G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-822G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-641G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-822G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-821G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-821G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-822G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610

Model	ODD	Wireless LAN	Bluetooth	Finger Print
AS4535-641G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-862G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-641G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-722G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-742G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-822G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-842G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-742G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-722G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	AES1610
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-723G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-644G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-743G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-844G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-744G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-744G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-844G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-843G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-643G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-643G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-643G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-643G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-643G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-643G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-722G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-741G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-644G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-722G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-822G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-741G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-821G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-643G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-641G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-643G50Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N

Model	ODD	Wireless LAN	Bluetooth	Finger Print
AS4535-723G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-723G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-723G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-723G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-723G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-822G32Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-821G16Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-741G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G16Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-722G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-722G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-742G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-742G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-822G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-822G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-842G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-842G32Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-642G25Mn	NSM8XS	3rd WiFi 1x2 BGN	N	N
AS4535-641G25Mn	NSM8XS	3rd WiFi 1x2 BGN	BT 2.0	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.

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 4935/4935G series Compatibility Test Report released by the Acer Mobile System Testing Department.

Microsoft® Windows® Vista Environment Test

BOM_Name	BRAND	Type	Description
Adapter			
AS4235_UMACFbk	DELTA	65W	Adapter DELTA 65W 19V 1.7x5.5x11 Yellow ADP-65JH DB A, LV5 LED LF
AS4235_UMACFbk	LITE-ON	65W	Adapter LITE-ON 65W 19V 1.7x5.5x11 Yellow PA-1650-22AC LV5 LED LF
AS4235_UMACFbk	HIPRO	65W	Adapter HIPRO 65W 19V 1.7x5.5x11 Yellow HP-A0652R3B 1LF, LV5 LED LF
AS4235_UMACbk	DELTA	65W	Adapter DELTA 65W 19V 1.7x5.5x11 Yellow ADP-65JH DB A, LV5 LED LF
AS4235_UMACbk	LITE-ON	65W	Adapter LITE-ON 65W 19V 1.7x5.5x11 Yellow PA-1650-22AC LV5 LED LF
AS4235_UMACbk	HIPRO	65W	Adapter HIPRO 65W 19V 1.7x5.5x11 Yellow HP-A0652R3B 1LF, LV5 LED LF
AS4235_UMAbk	DELTA	65W	Adapter DELTA 65W 19V 1.7x5.5x11 Yellow ADP-65JH DB A, LV5 LED LF
AS4235_UMAbk	LITE-ON	65W	Adapter LITE-ON 65W 19V 1.7x5.5x11 Yellow PA-1650-22AC LV5 LED LF
AS4235_UMAbk	HIPRO	65W	Adapter HIPRO 65W 19V 1.7x5.5x11 Yellow HP-A0652R3B 1LF, LV5 LED LF
AS4535G_M92XT512CEF	DELTA	90W	Adapter DELTA 90W 19V 1.7x5.5x11 Blue ADP-90CD DB A, LV5 LED LF
AS4535G_M92XT512CEF	LITE-ON	90W	Adapter LITE-ON 90W 19V 1.7x5.5x11 Blue PA-1900-34AR, LV5 LED LF
AS4535G_M92XT512CEF	HIPRO	90W	Adapter HIPRO 90W 19V 1.7x5.5x11 Blue HP-A0904A3 B1LF, LV5 LED LF
AS4535G_M92XT512CFbk	DELTA	90W	Adapter DELTA 90W 19V 1.7x5.5x11 Blue ADP-90CD DB A, LV5 LED LF
AS4535G_M92XT512CFbk	LITE-ON	90W	Adapter LITE-ON 90W 19V 1.7x5.5x11 Blue PA-1900-34AR, LV5 LED LF
AS4535G_M92XT512CFbk	HIPRO	90W	Adapter HIPRO 90W 19V 1.7x5.5x11 Blue HP-A0904A3 B1LF, LV5 LED LF
AS4535G_M92XT512Cbk	DELTA	90W	Adapter DELTA 90W 19V 1.7x5.5x11 Blue ADP-90CD DB A, LV5 LED LF
AS4535G_M92XT512Cbk	LITE-ON	90W	Adapter LITE-ON 90W 19V 1.7x5.5x11 Blue PA-1900-34AR, LV5 LED LF
AS4535G_M92XT512Cbk	HIPRO	90W	Adapter HIPRO 90W 19V 1.7x5.5x11 Blue HP-A0904A3 B1LF, LV5 LED LF
AS4535G_M92XT512bk	DELTA	90W	Adapter DELTA 90W 19V 1.7x5.5x11 Blue ADP-90CD DB A, LV5 LED LF
AS4535G_M92XT512bk	LITE-ON	90W	Adapter LITE-ON 90W 19V 1.7x5.5x11 Blue PA-1900-34AR, LV5 LED LF
AS4535G_M92XT512bk	HIPRO	90W	Adapter HIPRO 90W 19V 1.7x5.5x11 Blue HP-A0904A3 B1LF, LV5 LED LF
AS4535_UMACFbk	DELTA	65W	Adapter DELTA 65W 19V 1.7x5.5x11 Yellow ADP-65JH DB A, LV5 LED LF
AS4535_UMACFbk	LITE-ON	65W	Adapter LITE-ON 65W 19V 1.7x5.5x11 Yellow PA-1650-22AC LV5 LED LF
AS4535_UMACFbk	HIPRO	65W	Adapter HIPRO 65W 19V 1.7x5.5x11 Yellow HP-A0652R3B 1LF, LV5 LED LF
AS4535_UMACbk	DELTA	65W	Adapter DELTA 65W 19V 1.7x5.5x11 Yellow ADP-65JH DB A, LV5 LED LF

BOM_Name	BRAND	Type	Description
AS4535_UMACbk	LITE-ON	65W	Adapter LITE-ON 65W 19V 1.7x5.5x11 Yellow PA-1650-22AC LV5 LED LF
AS4535_UMACbk	HIPRO	65W	Adapter HIPRO 65W 19V 1.7x5.5x11 Yellow HP-A0652R3B 1LF, LV5 LED LF
AS4535_UMAbk	DELTA	65W	Adapter DELTA 65W 19V 1.7x5.5x11 Yellow ADP-65JH DB A, LV5 LED LF
AS4535_UMAbk	LITE-ON	65W	Adapter LITE-ON 65W 19V 1.7x5.5x11 Yellow PA-1650-22AC LV5 LED LF
AS4535_UMAbk	HIPRO	65W	Adapter HIPRO 65W 19V 1.7x5.5x11 Yellow HP-A0652R3B 1LF, LV5 LED LF
Audio Codec			
AS4235_UMACFbk	Realtek	ALC888S	ALC888S
AS4235_UMACbk	Realtek	ALC888S	ALC888S
AS4235_UMAbk	Realtek	ALC888S	ALC888S
AS4535G_M92XT512CEF	Realtek	ALC888S	ALC888S
AS4535G_M92XT512CFbk	Realtek	ALC888S	ALC888S
AS4535G_M92XT512Cbk	Realtek	ALC888S	ALC888S
AS4535G_M92XT512bk	Realtek	ALC888S	ALC888S
AS4535_UMACFbk	Realtek	ALC888S	ALC888S
AS4535_UMACbk	Realtek	ALC888S	ALC888S
AS4535_UMAbk	Realtek	ALC888S	ALC888S
Battery			
AS4235_UMACFbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4235_UMACFbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4235_UMACFbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4235_UMACFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4235_UMACFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4235_UMACFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4235_UMACbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4235_UMACbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4235_UMACbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4235_UMACbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4235_UMACbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4235_UMACbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4235_UMAbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4235_UMAbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4235_UMAbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS

BOM_Name	BRAND	Type	Description
AS4235_UMAbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4235_UMAbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4235_UMAbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4535G_M92XT512CEF	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512CEF	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512CEF	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512CEF	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512CEF	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4535G_M92XT512CEF	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4535G_M92XT512CFbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512CFbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512CFbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512CFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512CFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4535G_M92XT512CFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4535G_M92XT512Cbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512Cbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512Cbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512Cbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512Cbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4535G_M92XT512Cbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4535G_M92XT512bk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512bk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4535G_M92XT512bk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512bk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535G_M92XT512bk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4535G_M92XT512bk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type

BOM_Name	BRAND	Type	Description
AS4535_UMACFbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4535_UMACFbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4535_UMACFbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535_UMACFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535_UMACFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4535_UMACFbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4535_UMACbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4535_UMACbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4535_UMACbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535_UMACbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535_UMACbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4535_UMACbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
AS4535_UMAbk	SANYO	6CELL2.2	Battery SANYO AS-2007A Li-Ion 3S2P SANYO 6 cell 4400mAh Main COMMON Normal Type
AS4535_UMAbk	SONY	6CELL2.2	Battery SONY AS-2007A Li-Ion 3S2P SONY 6 cell 4400mAh Main COMMON Normal Type
AS4535_UMAbk	PANASONIC	6CELL2.2	Battery PANASONIC AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535_UMAbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P PANASONIC 6 cell 4400mAh Main COMMON PSS
AS4535_UMAbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P LGC 6 cell 4400mAh 2nd COMMON
AS4535_UMAbk	SIMPLO	6CELL2.2	Battery SIMPLO AS-2007A Li-Ion 3S2P SAMSUNG 6 cell 4400mAh Main COMMON SDI 2.2mAh F type
Bluetooth			
AS4235_UMACFbk	Foxconn	BT 2.1	Foxconn Bluetooth FOX BRM 2046 BT2.1
AS4235_UMACbk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
AS4235_UMAbk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
AS4535G_M92XT512CEF	Foxconn	BT 2.1	Foxconn Bluetooth FOX BRM 2046 BT2.1
AS4535G_M92XT512CFbk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
AS4535G_M92XT512Cbk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
AS4535G_M92XT512bk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
AS4535_UMACFbk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
AS4535_UMACbk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
AS4535_UMAbk	Foxconn	BT 2.0	Foxconn Bluetooth FOX_BRM_2.0 F/W 300
Camera			
AS4235_UMACFbk	Suyin	0.3M DV	Suyin 0.3M DV Camellia_2G
AS4235_UMACFbk	Chicony	0.3M DV	Chicony 0.3M DV Calla_2G
AS4235_UMACbk	Suyin	0.3M DV	Suyin 0.3M DV Camellia_2G

BOM_Name	BRAND	Type	Description
AS4235_UMACbk	Chicony	0.3M DV	Chicony 0.3M DV Calla_2G
AS4535G_M92XT512CEF	Suyin	0.3M DV	Suyin 0.3M DV Camellia_2G
AS4535G_M92XT512CEF	Chicony	0.3M DV	Chicony 0.3M DV Calla_2G
AS4535G_M92XT512CFbk	Suyin	0.3M DV	Suyin 0.3M DV Camellia_2G
AS4535G_M92XT512CFbk	Chicony	0.3M DV	Chicony 0.3M DV Calla_2G
AS4535G_M92XT512Cbk	Suyin	0.3M DV	Suyin 0.3M DV Camellia_2G
AS4535G_M92XT512Cbk	Chicony	0.3M DV	Chicony 0.3M DV Calla_2G
AS4535_UMACFbk	Suyin	0.3M DV	Suyin 0.3M DV Camellia_2G
AS4535_UMACFbk	Chicony	0.3M DV	Chicony 0.3M DV Calla_2G
AS4535_UMACbk	Suyin	0.3M DV	Suyin 0.3M DV Camellia_2G
AS4535_UMACbk	Chicony	0.3M DV	Chicony 0.3M DV Calla_2G
Card Reader			
AS4235_UMACFbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4235_UMACbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4235_UMAbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4535G_M92XT512CEF		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4535G_M92XT512CFbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4535G_M92XT512Cbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4535G_M92XT512bk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4535_UMACFbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4535_UMACbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
AS4535_UMAbk		5 in 1-Build in	5 in 1-Build in MS, MS Pro, SD, SC, XD
Card Bus1			
AS4235_UMACFbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4235_UMACbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4235_UMAbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4535G_M92XT512CEF	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4535G_M92XT512CFbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4535G_M92XT512Cbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4535G_M92XT512bk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4535_UMACFbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4535_UMACbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
AS4535_UMAbk	Realtek	RTS5159-GR	Realtek Cardbus RTS5159-GR
CPU			
AS4235_UMACFbk	AMD	SMPSI4225W	CPU AMD SempronM SI42 PGA 2.1G 512K 638 25W Griffin B1
AS4235_UMACbk	AMD	SMPSI4225W	CPU AMD SempronM SI42 PGA 2.1G 512K 638 25W Griffin B1
AS4235_UMAbk	AMD	SMPSI4225W	CPU AMD SempronM SI42 PGA 2.1G 512K 638 25W Griffin B1
AS4535G_M92XT512CEF	AMD	AAQL62	CPU AMD Athlon64X2 QL62 PGA 2.0G 1M 638 35W Griffin B1
AS4535G_M92XT512CEF	AMD	AAQL64	CPU AMD Athlon64X2 QL64 PGA 2.1G 638 35W Griffin B1
AS4535G_M92XT512CEF	AMD	ATRM72	CPU AMD Turion RM72 PGA 2.1G 1M 638 35W Griffin B1
AS4535G_M92XT512CEF	AMD	ATRM74	CPU AMD Turion RM74 PGA 2.2G 1M 638 35W Griffin B1

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512CEF	AMD	ATUZM82	CPU AMD TurionX2 ZM82 PGA 2.2G 2M 638 35W Griffin B1
AS4535G_M92XT512CEF	AMD	ATUZM84	CPU AMD TurionX2 ZM84 PGA 2.3G 2M 638 35W Griffin B1
AS4535G_M92XT512CEF	AMD	ATUZM86	CPU AMD TurionX2 ZM86 PGA 2.4G 2M 638 35W Griffin B1
AS4535G_M92XT512CFbk	AMD	AAQL62	CPU AMD Athlon64X2 QL62 PGA 2.0G 1M 638 35W Griffin B1
AS4535G_M92XT512CFbk	AMD	AAQL64	CPU AMD Athlon64X2 QL64 PGA 2.1G 638 35W Griffin B1
AS4535G_M92XT512CFbk	AMD	ATRM72	CPU AMD Turion RM72 PGA 2.1G 1M 638 35W Griffin B1
AS4535G_M92XT512CFbk	AMD	ATRM74	CPU AMD Turion RM74 PGA 2.2G 1M 638 35W Griffin B1
AS4535G_M92XT512CFbk	AMD	ATUZM82	CPU AMD TurionX2 ZM82 PGA 2.2G 2M 638 35W Griffin B1
AS4535G_M92XT512CFbk	AMD	ATUZM84	CPU AMD TurionX2 ZM84 PGA 2.3G 2M 638 35W Griffin B1
AS4535G_M92XT512Cbk	AMD	AAQL62	CPU AMD Athlon64X2 QL62 PGA 2.0G 1M 638 35W Griffin B1
AS4535G_M92XT512Cbk	AMD	AAQL64	CPU AMD Athlon64X2 QL64 PGA 2.1G 638 35W Griffin B1
AS4535G_M92XT512Cbk	AMD	ATRM72	CPU AMD Turion RM72 PGA 2.1G 1M 638 35W Griffin B1
AS4535G_M92XT512Cbk	AMD	ATRM74	CPU AMD Turion RM74 PGA 2.2G 1M 638 35W Griffin B1
AS4535G_M92XT512Cbk	AMD	ATUZM82	CPU AMD TurionX2 ZM82 PGA 2.2G 2M 638 35W Griffin B1
AS4535G_M92XT512Cbk	AMD	ATUZM84	CPU AMD TurionX2 ZM84 PGA 2.3G 2M 638 35W Griffin B1
AS4535G_M92XT512Cbk	AMD	ATUZM86	CPU AMD TurionX2 ZM86 PGA 2.4G 2M 638 35W Griffin B1
AS4535G_M92XT512bk	AMD	AAQL62	CPU AMD Athlon64X2 QL62 PGA 2.0G 1M 638 35W Griffin B1
AS4535G_M92XT512bk	AMD	AAQL64	CPU AMD Athlon64X2 QL64 PGA 2.1G 638 35W Griffin B1
AS4535G_M92XT512bk	AMD	ATRM72	CPU AMD Turion RM72 PGA 2.1G 1M 638 35W Griffin B1
AS4535G_M92XT512bk	AMD	ATRM74	CPU AMD Turion RM74 PGA 2.2G 1M 638 35W Griffin B1
AS4535G_M92XT512bk	AMD	ATUZM82	CPU AMD TurionX2 ZM82 PGA 2.2G 2M 638 35W Griffin B1
AS4535G_M92XT512bk	AMD	ATUZM84	CPU AMD TurionX2 ZM84 PGA 2.3G 2M 638 35W Griffin B1
AS4535G_M92XT512bk	AMD	ATUZM86	CPU AMD TurionX2 ZM86 PGA 2.4G 2M 638 35W Griffin B1
AS4535_UMACFbk	AMD	AAQL62	CPU AMD Athlon64X2 QL62 PGA 2.0G 1M 638 35W Griffin B1
AS4535_UMACFbk	AMD	AAQL64	CPU AMD Athlon64X2 QL64 PGA 2.1G 638 35W Griffin B1
AS4535_UMACFbk	AMD	ATRM72	CPU AMD Turion RM72 PGA 2.1G 1M 638 35W Griffin B1
AS4535_UMACFbk	AMD	ATRM74	CPU AMD Turion RM74 PGA 2.2G 1M 638 35W Griffin B1

BOM_Name	BRAND	Type	Description
AS4535_UMACFbk	AMD	ATUZM82	CPU AMD TurionX2 ZM82 PGA 2.2G 2M 638 35W Griffin B1
AS4535_UMACFbk	AMD	ATUZM84	CPU AMD TurionX2 ZM84 PGA 2.3G 2M 638 35W Griffin B1
AS4535_UMACFbk	AMD	ATUZM86	CPU AMD TurionX2 ZM86 PGA 2.4G 2M 638 35W Griffin B1
AS4535_UMACbk	AMD	AAQL62	CPU AMD Athlon64X2 QL62 PGA 2.0G 1M 638 35W Griffin B1
AS4535_UMACbk	AMD	AAQL64	CPU AMD Athlon64X2 QL64 PGA 2.1G 638 35W Griffin B1
AS4535_UMACbk	AMD	ATRM72	CPU AMD Turion RM72 PGA 2.1G 1M 638 35W Griffin B1
AS4535_UMACbk	AMD	ATRM74	CPU AMD Turion RM74 PGA 2.2G 1M 638 35W Griffin B1
AS4535_UMACbk	AMD	ATUZM82	CPU AMD TurionX2 ZM82 PGA 2.2G 2M 638 35W Griffin B1
AS4535_UMACbk	AMD	ATUZM84	CPU AMD TurionX2 ZM84 PGA 2.3G 2M 638 35W Griffin B1
AS4535_UMAbk	AMD	AAQL62	CPU AMD Athlon64X2 QL62 PGA 2.0G 1M 638 35W Griffin B1
AS4535_UMAbk	AMD	AAQL64	CPU AMD Athlon64X2 QL64 PGA 2.1G 638 35W Griffin B1
AS4535_UMAbk	AMD	ATRM72	CPU AMD Turion RM72 PGA 2.1G 1M 638 35W Griffin B1
AS4535_UMAbk	AMD	ATRM74	CPU AMD Turion RM74 PGA 2.2G 1M 638 35W Griffin B1
AS4535_UMAbk	AMD	ATUZM82	CPU AMD TurionX2 ZM82 PGA 2.2G 2M 638 35W Griffin B1
AS4535_UMAbk	AMD	ATUZM84	CPU AMD TurionX2 ZM84 PGA 2.3G 2M 638 35W Griffin B1
Finger Print Reader			
AS4235_UMACFbk	Authentec	AES1610	Authentec AES1610
AS4535G_M92XT512CEF	Authentec	AES1610	Authentec AES1610
AS4535G_M92XT512CFbk	Authentec	AES1610	Authentec AES1610
AS4535_UMACFbk	Authentec	AES1610	Authentec AES1610
HDD			
AS4235_UMACFbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4235_UMACFbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4235_UMACFbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4235_UMACFbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4235_UMACFbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4235_UMACFbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4235_UMACFbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4235_UMACFbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11

BOM_Name	BRAND	Type	Description
AS4235_UMACFbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4235_UMACFbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4235_UMACFbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4235_UMACFbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4235_UMACFbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4235_UMACFbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4235_UMACFbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4235_UMACFbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4235_UMACbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4235_UMACbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4235_UMACbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4235_UMACbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4235_UMACbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4235_UMACbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4235_UMACbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4235_UMACbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4235_UMACbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4235_UMACbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4235_UMACbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4235_UMACbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4235_UMACbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4235_UMACbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4235_UMACbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4235_UMACbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4235_UMAbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4235_UMAbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4235_UMAbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F

BOM_Name	BRAND	Type	Description
AS4235_UMAbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4235_UMAbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4235_UMAbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4235_UMAbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4235_UMAbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4235_UMAbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4235_UMAbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4235_UMAbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4235_UMAbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4235_UMAbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4235_UMAbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4235_UMAbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4235_UMAbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4535G_M92XT512CEF	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4535G_M92XT512CEF	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4535G_M92XT512CEF	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512CEF	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512CEF	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512CEF	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4535G_M92XT512CEF	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512CEF	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512CEF	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4535G_M92XT512CEF	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4535G_M92XT512CEF	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4535G_M92XT512CEF	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512CEF	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512CEF	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512CEF	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512CEF	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4535G_M92XT512CFbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4535G_M92XT512CFbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4535G_M92XT512CFbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512CFbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512CFbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512CFbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4535G_M92XT512CFbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512CFbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512CFbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4535G_M92XT512CFbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4535G_M92XT512CFbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4535G_M92XT512CFbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512CFbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512CFbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4535G_M92XT512CFbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512CFbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4535G_M92XT512Cbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4535G_M92XT512Cbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4535G_M92XT512Cbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512Cbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512Cbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512Cbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4535G_M92XT512Cbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512Cbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512Cbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512Cbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4535G_M92XT512Cbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4535G_M92XT512Cbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512Cbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512Cbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4535G_M92XT512Cbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512Cbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4535G_M92XT512bk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4535G_M92XT512bk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4535G_M92XT512bk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512bk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512bk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512bk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4535G_M92XT512bk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512bk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512bk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4535G_M92XT512bk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4535G_M92XT512bk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4535G_M92XT512bk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535G_M92XT512bk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4535G_M92XT512bk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4535G_M92XT512bk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4535G_M92XT512bk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4535_UMACFbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4535_UMACFbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4535_UMACFbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4535_UMACFbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11

BOM_Name	BRAND	Type	Description
AS4535_UMACFbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4535_UMACFbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4535_UMACFbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4535_UMACFbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535_UMACFbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4535_UMACFbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4535_UMACFbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4535_UMACFbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535_UMACFbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4535_UMACFbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4535_UMACFbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4535_UMACFbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4535_UMACbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4535_UMACbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4535_UMACbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4535_UMACbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4535_UMACbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4535_UMACbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4535_UMACbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4535_UMACbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535_UMACbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4535_UMACbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4535_UMACbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4535_UMACbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535_UMACbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4535_UMACbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4535_UMACbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F

BOM_Name	BRAND	Type	Description
AS4535_UMACbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
AS4535_UMAbk	SEAGATE	N160GB5.4KS	HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303
AS4535_UMAbk	TOSHIBA	N160GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J
AS4535_UMAbk	HGST	N160GB5.4KS	HDD HGST 2.5" 5400rpm 160GB HTS545016B9A300 Panther B SATA LF F/W:C60F
AS4535_UMAbk	WD	N160GB5.4KS	HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11
AS4535_UMAbk	SEAGATE	N250GB5.4KS	HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1
AS4535_UMAbk	TOSHIBA	N250GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J
AS4535_UMAbk	HGST	N250GB5.4KS	HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F
AS4535_UMAbk	WD	N250GB5.4KS	HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535_UMAbk	SEAGATE	N320GB5.4KS	HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303
AS4535_UMAbk	TOSHIBA	N320GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J
AS4535_UMAbk	HGST	N320GB5.4KS	HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F
AS4535_UMAbk	WD	N320GB5.4KS	HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11
AS4535_UMAbk	SEAGATE	N500GB5.4KS	HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1
AS4535_UMAbk	TOSHIBA	N500GB5.4KS	HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J
AS4535_UMAbk	HGST	N500GB5.4KS	HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F
AS4535_UMAbk	WD	N500GB5.4KS	HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01
Keyboard			
AS4235_UMACFbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4235_UMACbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4235_UMAbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4535G_M92XT512CEF	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4535G_M92XT512CFbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4535G_M92XT512Cbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4535G_M92XT512bk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4535_UMACFbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
AS4535_UMACbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture

BOM_Name	BRAND	Type	Description
AS4535_UMAbk	ACER	AC4T	Keyboard ACER AC4T JV40 Internal 14 Standard Black Texture
LAN			
AS4235_UMACFbk	Atheros	AR8131L	Atheros AR8131L
AS4235_UMACbk	Atheros	AR8131L	Atheros AR8131L
AS4235_UMAbk	Atheros	AR8131L	Atheros AR8131L
AS4535G_M92XT512CEF	Atheros	AR8131L	Atheros AR8131L
AS4535G_M92XT512CFbk	Atheros	AR8131L	Atheros AR8131L
AS4535G_M92XT512Cbk	Atheros	AR8131L	Atheros AR8131L
AS4535G_M92XT512bk	Atheros	AR8131L	Atheros AR8131L
AS4535_UMACFbk	Atheros	AR8131L	Atheros AR8131L
AS4535_UMACbk	Atheros	AR8131L	Atheros AR8131L
AS4535_UMAbk	Atheros	AR8131L	Atheros AR8131L
LCD			
AS4235_UMACFbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4235_UMACFbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4235_UMACFbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4235_UMACFbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4235_UMACFbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4235_UMACbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4235_UMACbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4235_UMACbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4235_UMACbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4235_UMACbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4235_UMAbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4235_UMAbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4235_UMAbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4235_UMAbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4235_UMAbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4535G_M92XT512CEF	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4535G_M92XT512CEF	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4535G_M92XT512CEF	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4535G_M92XT512CEF	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512CEF	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4535G_M92XT512CFbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4535G_M92XT512CFbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4535G_M92XT512CFbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4535G_M92XT512CFbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4535G_M92XT512CFbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4535G_M92XT512Cbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4535G_M92XT512Cbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4535G_M92XT512Cbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4535G_M92XT512Cbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4535G_M92XT512Cbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4535G_M92XT512bk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4535G_M92XT512bk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4535G_M92XT512bk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4535G_M92XT512bk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4535G_M92XT512bk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4535_UMACFbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4535_UMACFbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4535_UMACFbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4535_UMACFbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4535_UMACFbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4535_UMACbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1
AS4535_UMACbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4535_UMACbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4535_UMACbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4535_UMACbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
AS4535_UMAbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 0A LF 220nit 8ms 500:1

BOM_Name	BRAND	Type	Description
AS4535_UMAbk	AUO	NLED14WXGAG	LED LCD AUO 14" WXGA Glare B140XW01 V0 1A LF 200nit 8ms 500:1
AS4535_UMAbk	SAMSUNG	NLED14WXGAG	LED LCD SAMSUNG 14" WXGA Glare LTN140AT01-G01 LF 220nit 8ms 500:1
AS4535_UMAbk	LPL	NLED14WXGAG	LED LCD LPL 14" WXGA Glare LP140WH1-TLA1 LF 220nit 8ms 500:1
AS4535_UMAbk	CMO	NLED14WXGAG	LED LCD CMO 14" WXGA Glare N140B6-L02 LF 220nit 8ms 400:1
Memory			
AS4235_UMACFbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4235_UMACFbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4235_UMACFbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4235_UMACFbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4235_UMACFbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4235_UMACFbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4235_UMACFbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4235_UMACFbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4235_UMACFbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4235_UMACFbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4235_UMACFbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4235_UMACFbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4235_UMACFbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4235_UMACFbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4235_UMACFbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4235_UMACFbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4235_UMACFbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4235_UMACbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4235_UMACbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4235_UMACbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4235_UMACbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4235_UMACbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um

BOM_Name	BRAND	Type	Description
AS4235_UMACbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4235_UMACbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4235_UMACbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4235_UMACbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4235_UMACbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4235_UMACbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4235_UMACbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4235_UMACbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4235_UMACbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4235_UMACbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4235_UMACbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4235_UMACbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4235_UMAbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4235_UMAbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4235_UMAbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4235_UMAbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4235_UMAbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4235_UMAbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4235_UMAbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4235_UMAbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4235_UMAbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4235_UMAbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4235_UMAbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4235_UMAbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4235_UMAbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4235_UMAbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4235_UMAbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um

BOM_Name	BRAND	Type	Description
AS4235_UMAbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4235_UMAbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4535G_M92XT512CEF	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4535G_M92XT512CEF	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4535G_M92XT512CEF	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4535G_M92XT512CEF	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4535G_M92XT512CEF	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4535G_M92XT512CEF	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4535G_M92XT512CEF	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4535G_M92XT512CEF	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4535G_M92XT512CEF	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4535G_M92XT512CEF	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4535G_M92XT512CEF	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4535G_M92XT512CEF	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4535G_M92XT512CEF	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4535G_M92XT512CEF	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4535G_M92XT512CEF	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4535G_M92XT512CEF	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4535G_M92XT512CEF	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4535G_M92XT512CFbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4535G_M92XT512CFbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4535G_M92XT512CFbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4535G_M92XT512CFbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4535G_M92XT512CFbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4535G_M92XT512CFbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4535G_M92XT512CFbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4535G_M92XT512CFbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512CFbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4535G_M92XT512CFbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4535G_M92XT512CFbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4535G_M92XT512CFbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4535G_M92XT512CFbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4535G_M92XT512CFbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4535G_M92XT512CFbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4535G_M92XT512CFbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4535G_M92XT512CFbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4535G_M92XT512Cbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4535G_M92XT512Cbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4535G_M92XT512Cbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4535G_M92XT512Cbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4535G_M92XT512Cbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4535G_M92XT512Cbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4535G_M92XT512Cbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4535G_M92XT512Cbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4535G_M92XT512Cbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4535G_M92XT512Cbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4535G_M92XT512Cbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4535G_M92XT512Cbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4535G_M92XT512Cbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4535G_M92XT512Cbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4535G_M92XT512Cbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4535G_M92XT512Cbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4535G_M92XT512Cbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4535G_M92XT512bk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512bk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4535G_M92XT512bk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4535G_M92XT512bk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4535G_M92XT512bk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4535G_M92XT512bk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4535G_M92XT512bk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4535G_M92XT512bk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4535G_M92XT512bk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4535G_M92XT512bk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4535G_M92XT512bk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4535G_M92XT512bk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4535G_M92XT512bk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4535G_M92XT512bk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4535G_M92XT512bk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4535G_M92XT512bk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4535G_M92XT512bk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4535_UMACFbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4535_UMACFbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4535_UMACFbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4535_UMACFbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4535_UMACFbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4535_UMACFbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4535_UMACFbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4535_UMACFbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4535_UMACFbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4535_UMACFbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4535_UMACFbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um

BOM_Name	BRAND	Type	Description
AS4535_UMACFbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4535_UMACFbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4535_UMACFbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4535_UMACFbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4535_UMACFbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4535_UMACFbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4535_UMACbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4535_UMACbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4535_UMACbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4535_UMACbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um
AS4535_UMACbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4535_UMACbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4535_UMACbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4535_UMACbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4535_UMACbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4535_UMACbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4535_UMACbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4535_UMACbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4535_UMACbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4535_UMACbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4535_UMACbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4535_UMACbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4535_UMACbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
AS4535_UMAbk	NANYA	SO1GBII8	Memory NANYA SO-DIMM DDRII 800 1GB NT1GT64UH8D0FN-AD LF 64*16 0.07um
AS4535_UMAbk	NANYA	SO1GBII6	Memory NANYA SO-DIMM DDRII 667 1GB NT1GT64UH8D0FN-3C LF 64*16 0.07um
AS4535_UMAbk	MICRON	SO1GBII6	Memory MICRON SO-DIMM DDRII 667 1GB MT8HTF12864HDY-667G1 LF 64*16 0.065um
AS4535_UMAbk	MICRON	SO1GBII8	Memory MICRON SO-DIMM DDRII 800 1GB MT8HTF12864HDY-800G1 LF 64*16 0.065um

BOM_Name	BRAND	Type	Description
AS4535_UMAbk	ELPIDA	SO1GBII6	Memory ELPIDA SO-DIMM DDRII 667 1GB EBE11UE6AESA-6E-F LF 64*16 0.065um
AS4535_UMAbk	SAMSUNG	SO1GBII6	Memory SAMSUNG SO-DIMM DDRII 667 1GB M470T2864EH3-CE6 LF 64*16 0.055um
AS4535_UMAbk	SAMSUNG	SO1GBII8	Memory SAMSUNG SO-DIMM DDRII 800 1GB M470T2864EH3-CF7 LF 64*16 0.055um
AS4535_UMAbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HYMP112S64CP6-Y5 LF
AS4535_UMAbk	HYNIX	SO1GBII6	Memory HYNIX SO-DIMM DDRII 667 1GB HMP112S6EFR6C-Y5 LF 64*16 0.055um
AS4535_UMAbk	NANYA	SO2GBII8	Memory NANYA SO-DIMM DDRII 800 2GB NT2GT64U8HD0BN-AD LF 128*8 0.07um
AS4535_UMAbk	NANYA	SO2GBII6	Memory NANYA SO-DIMM DDRII 667 2GB NT2GT64U8HD0BN-3C LF 128*8 0.07um
AS4535_UMAbk	MICRON	SO2GBII6	Memory MICRON SO-DIMM DDRII 667 2GB MT16HTF25664HY-667G1 LF 128*8 0.065um
AS4535_UMAbk	MICRON	SO2GBII8	Memory MICRON SO-DIMM DDRII 800 2GB MT16HTF25664HY-800G1 LF 128*8 0.065um
AS4535_UMAbk	ELPIDA	SO2GBII6	Memory ELPIDA SO-DIMM DDRII 667 2GB EBE21UE8AESA-6E-F LF 128*8 0.065um
AS4535_UMAbk	SAMSUNG	SO2GBII6	Memory SAMSUNG SO-DIMM DDRII 667 2GB M470T5663EH3-CE6 LF 128*8 0.055um
AS4535_UMAbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HYMP125S64CP8-Y5 LF
AS4535_UMAbk	HYNIX	SO2GBII6	Memory HYNIX SO-DIMM DDRII 667 2GB HMP125S6EFR8C-Y5 LF 128*8 0.055um
Modem			
AS4235_UMACFbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4235_UMACbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4235_UMAbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4535G_M92XT512CEF	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4535G_M92XT512CFbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4535G_M92XT512Cbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4535G_M92XT512bk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4535_UMACFbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4535_UMACbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
AS4535_UMAbk	Foxconn	Fox+Con MC4Z 1.5_3.3V Aus	Foxconn Conexant -Unizion 1.5_3.3v AUS T60M955.0x
Northbridge Chipset			
AS4235_UMACFbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4235_UMACbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4235_UMAbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4535G_M92XT512CEF	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4535G_M92XT512CFbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512Cbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4535G_M92XT512bk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4535_UMACFbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4535_UMACbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
AS4535_UMAbk	AMD	AMDRS780MN	AMD RS780MN w/ HDCP EEPROM
ODD			
AS4235_UMACFbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4235_UMACFbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4235_UMACFbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4235_UMACFbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4235_UMACbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4235_UMACbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4235_UMACbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4235_UMACbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4235_UMAbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4235_UMAbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4235_UMAbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4235_UMAbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4535G_M92XT512CEF	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS4535G_M92XT512CEF	PANASONIC	NBDCB4XS	ODD PANASONIC BD COMBO 12.7mm Tray DL 4X UJ-130A LF W/O bezel SATA 2X Single Layer, 4X Double Layer
AS4535G_M92XT512CEF	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS4535G_M92XT512CEF	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4535G_M92XT512CEF	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4535G_M92XT512CEF	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4535G_M92XT512CEF	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4535G_M92XT512CFbk	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS4535G_M92XT512CFbk	PANASONIC	NBDCB4XS	ODD PANASONIC BD COMBO 12.7mm Tray DL 4X UJ-130A LF W/O bezel SATA 2X Single Layer, 4X Double Layer
AS4535G_M92XT512CFbk	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA

BOM_Name	BRAND	Type	Description
AS4535G_M92XT512CFbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4535G_M92XT512CFbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4535G_M92XT512CFbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4535G_M92XT512CFbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4535G_M92XT512Cbk	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS4535G_M92XT512Cbk	PANASONIC	NBDCB4XS	ODD PANASONIC BD COMBO 12.7mm Tray DL 4X UJ-130A LF W/O bezel SATA 2X Single Layer, 4X Double Layer
AS4535G_M92XT512Cbk	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS4535G_M92XT512Cbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4535G_M92XT512Cbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4535G_M92XT512Cbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4535G_M92XT512Cbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4535G_M92XT512bk	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS4535G_M92XT512bk	PANASONIC	NBDCB4XS	ODD PANASONIC BD COMBO 12.7mm Tray DL 4X UJ-130A LF W/O bezel SATA 2X Single Layer, 4X Double Layer
AS4535G_M92XT512bk	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS4535G_M92XT512bk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4535G_M92XT512bk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4535G_M92XT512bk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4535G_M92XT512bk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4535_UMACFbk	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS4535_UMACFbk	PANASONIC	NBDCB4XS	ODD PANASONIC BD COMBO 12.7mm Tray DL 4X UJ-130A LF W/O bezel SATA 2X Single Layer, 4X Double Layer
AS4535_UMACFbk	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS4535_UMACFbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4535_UMACFbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4535_UMACFbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4535_UMACFbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4535_UMACbk	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA

BOM_Name	BRAND	Type	Description
AS4535_UMACbk	PANASONIC	NBDCB4XS	ODD PANASONIC BD COMBO 12.7mm Tray DL 4X UJ-130A LF W/O bezel SATA 2X Single Layer, 4X Double Layer
AS4535_UMACbk	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS4535_UMACbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4535_UMACbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4535_UMACbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4535_UMACbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
AS4535_UMAbk	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS4535_UMAbk	PANASONIC	NBDCB4XS	ODD PANASONIC BD COMBO 12.7mm Tray DL 4X UJ-130A LF W/O bezel SATA 2X Single Layer, 4X Double Layer
AS4535_UMAbk	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS4535_UMAbk	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS4535_UMAbk	PANASONIC	NSM8XS	ODD PANASONIC Super-Multi DRIVE 12.7mm Tray DL 8X UJ880A LF W/O bezel SATA
AS4535_UMAbk	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS4535_UMAbk	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A3S LF W/O bezel SATA
Southbridge Chipset			
AS4235_UMACFbk	AMD	AMDSB700	AMD SB700
AS4235_UMACbk	AMD	AMDSB700	AMD SB700
AS4235_UMAbk	AMD	AMDSB700	AMD SB700
AS4535G_M92XT512CEF	AMD	AMDSB700	AMD SB700
AS4535G_M92XT512CFbk	AMD	AMDSB700	AMD SB700
AS4535G_M92XT512Cbk	AMD	AMDSB700	AMD SB700
AS4535G_M92XT512bk	AMD	AMDSB700	AMD SB700
AS4535_UMACFbk	AMD	AMDSB700	AMD SB700
AS4535_UMACbk	AMD	AMDSB700	AMD SB700
AS4535_UMAbk	AMD	AMDSB700	AMD SB700
Software			
AS4235_UMACFbk		McAfee	Antivirus application McAfee
AS4235_UMACbk		McAfee	Antivirus application McAfee
AS4235_UMAbk		McAfee	Antivirus application McAfee
AS4535G_M92XT512CEF		McAfee	Antivirus application McAfee
AS4535G_M92XT512CFbk		McAfee	Antivirus application McAfee
AS4535G_M92XT512Cbk		McAfee	Antivirus application McAfee
AS4535G_M92XT512bk		McAfee	Antivirus application McAfee
AS4535_UMACFbk		McAfee	Antivirus application McAfee
AS4535_UMACbk		McAfee	Antivirus application McAfee
AS4535_UMAbk		McAfee	Antivirus application McAfee

BOM_Name	BRAND	Type	Description
VGA Chip			
AS4235_UMACFbk	None	UMA	UMA (AMD)
AS4235_UMACbk	None	UMA	UMA (AMD)
AS4235_UMAbk	None	UMA	UMA (AMD)
AS4535G_M92XT512CEF	AMD	M92XT	AMD M92XT 55nm 29mm*29mm M2 package
AS4535G_M92XT512CFbk	AMD	M92XT	AMD M92XT 55nm 29mm*29mm M2 package
AS4535G_M92XT512Cbk	AMD	M92XT	AMD M92XT 55nm 29mm*29mm M2 package
AS4535G_M92XT512bk	AMD	M92XT	AMD M92XT 55nm 29mm*29mm M2 package
AS4535_UMACFbk	None	UMA	UMA (AMD)
AS4535_UMACbk	None	UMA	UMA (AMD)
AS4535_UMAbk	None	UMA	UMA (AMD)
VRAM			
AS4535G_M92XT512CEF		512M-DDR2(64*16*4)	512M-DDR2 64*16*4
AS4535G_M92XT512CFbk		512M-DDR2(64*16*4)	512M-DDR2 64*16*4
AS4535G_M92XT512Cbk		512M-DDR2(64*16*4)	512M-DDR2 64*16*4
AS4535G_M92XT512bk		512M-DDR2(64*16*4)	512M-DDR2 64*16*4
Antennas			
AS4235_UMACFbk	WNC	PIFA	PIFA
AS4235_UMACbk	WNC	PIFA	PIFA
AS4235_UMAbk	WNC	PIFA	PIFA
AS4535G_M92XT512CEF	WNC	PIFA	PIFA
AS4535G_M92XT512CFbk	WNC	PIFA	PIFA
AS4535G_M92XT512Cbk	WNC	PIFA	PIFA
AS4535G_M92XT512bk	WNC	PIFA	PIFA
AS4535_UMACFbk	WNC	PIFA	PIFA
AS4535_UMACbk	WNC	PIFA	PIFA
AS4535_UMAbk	WNC	PIFA	PIFA
WLAN			
AS4235_UMACFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4235_UMACFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4235_UMACFbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4235_UMACFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4235_UMACbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4235_UMACbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4235_UMACbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4235_UMACbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4235_UMAbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN

BOM_Name	BRAND	Type	Description
AS4235_UMAbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4235_UMAbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4235_UMAbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4535G_M92XT512CEF	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4535G_M92XT512CEF	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4535G_M92XT512CEF	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4535G_M92XT512CFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4535G_M92XT512CFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4535G_M92XT512CFbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4535G_M92XT512CFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4535G_M92XT512Cbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4535G_M92XT512Cbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4535G_M92XT512Cbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4535G_M92XT512Cbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4535G_M92XT512bk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4535G_M92XT512bk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4535G_M92XT512bk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4535G_M92XT512bk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4535_UMACFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4535_UMACFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4535_UMACFbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4535_UMACFbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4535_UMACbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN
AS4535_UMACbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4535_UMACbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4535_UMACbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)
AS4535_UMAbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros AR5B91 1x2 BGN

BOM_Name	BRAND	Type	Description
AS4535_UMAbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Wireless LAN Ralink RT2700E 1x2 BGN
AS4535_UMAbk	QMI	3rd WiFi 1x2 BGN	QMI Wireless LAN Atheros AR5B91 1x2 BGN (EM303)
AS4535_UMAbk	Foxconn	3rd WiFi 1x2 BGN	Foxconn Wireless LAN Atheros HB93 1x2 BGN (HM)

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 Traveler'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.

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