Aspire 8940 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 8940 service guides.

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 7®

Platform

- Intel® Core™ i7 processor technology, featuring:
- Mobile Intel® PM55 Express Chipset

System Memory

- Dual-Channel SDRAM support
- Up to 4 GB of DDR3 1066 MHz memory, upgradeable to 8 GB using two soDIMM modules

Display

- 18.4" TFT LCD
- Resolution: 1920 x 1080 Full HD
- 16:9 aspect ratio

Graphics

- NVIDIA® GeForce® GTS 250M*
- NVIDIA® GeForce® GT 240M*

Storage subsystem

- 2.5" hard disk drive
- Optical drive options:
  - Blu-ray Disc™ Writer/DVD-Super Multi doublelayer drive
  - Blu-ray Disc™ /DVD-Super Multi double-layer drive*
  - DVD-Super Multi double-layer drive*
- 5-in-1 card reader (SD/MMC/MS/MS Pro/XD)

Audio

- Dolby®-optimized surround sound system with five built-in stereo speakers and one subwoofer supporting low frequency effects
- True5.1-channel surround sound output

- High-definition audio support
- S/PDIF (Sony/Philips Digital Interface) support for digital speakers
- MS-Sound compatible
- Acer Purezone technology with two built-in stereo microphone

Dimensions and Weight

- 440 (W) x 295 (D) x 31/43.8 (H) mm (17.34 x 11.62 x 1.22/1.73 inches)
- 4.6 kg (10.1 lbs.) with 8-cell battery

Communication

- Acer Video Conference, featuring:
  - Integrated Acer Crystal Eye webcam*
  - Acer PureZone technology*
- WLAN: Intel® Wireless WiFi Link 5100/5300*
- WPAN: Bluetooth® 2.0+Enhanced Data Rate (EDR)*
- LAN: Gigabit Ethernet; Wake-on-LAN ready

Privacy control

- Acer Bio-Protection fingerprint solution*
- BIOS user, supervisor, and HDD password control
- Kensington Lock (7.5mm)

Power subsystem

- ACPI 3.0
- 71 W 4800 mAh battery
- 3-pin 120 W AC adapter
- ENERGY STAR®*

Special keys and controls

- 103-/104-/107-key keyboard
- Touchpad pointing device

I/O interface

- ExpressCard®/54 slot
- Acer Bio-Protection fingerprint reader*
- 5-in-1 card reader(SD/MMC/MS/MS Pro/XD)
- USB 2.0 jacks
- IEEE 1394 port
- HDMI™ port with HDCP support
- DISPLAY port
- eSATA port
- External display (VGA 15-pins) port

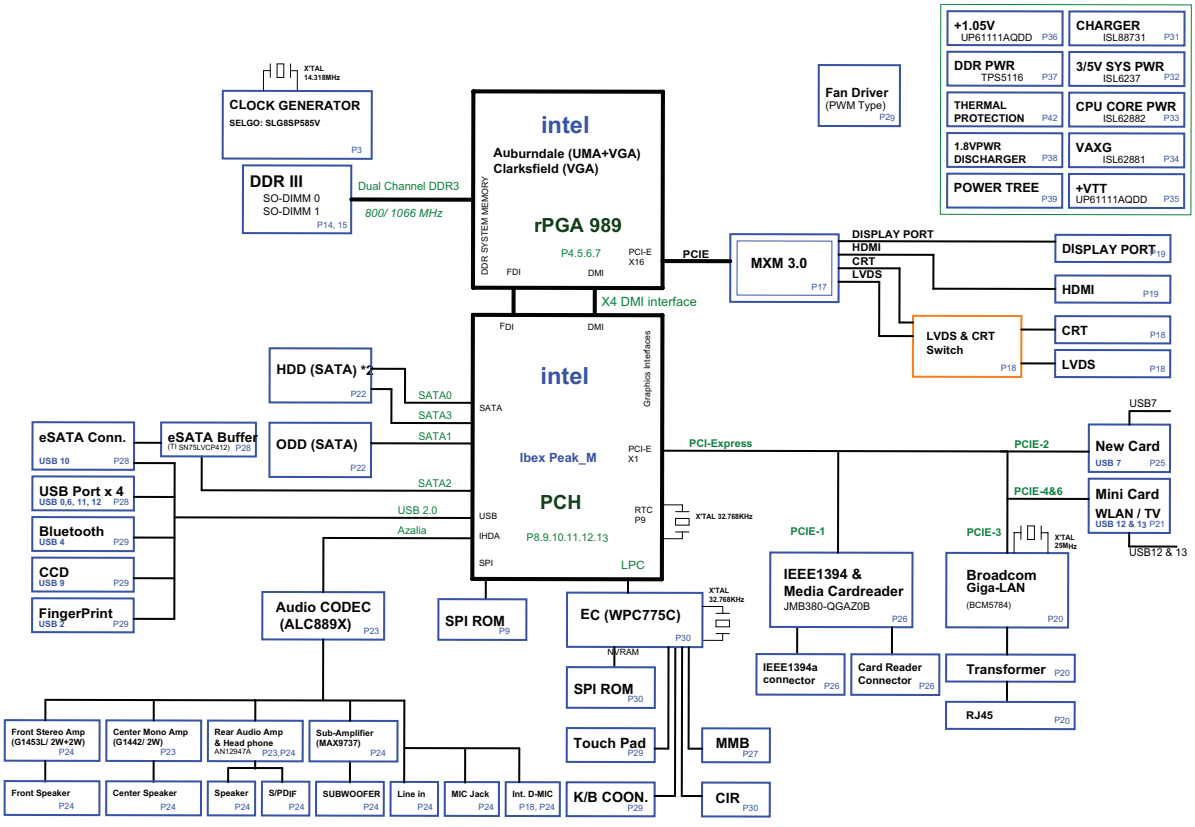
- Consumer infrared (CIR) port
- RF-in jack*
- Headphones/speaker/line-out jack with S/PDIF support
- Microphone-in jack
- Line-in jack
- Ethernet (RJ-45) port
- DC-in jack for AC adapter

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.

System Block Diagram



Your Acer Notebook tour

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

Front View

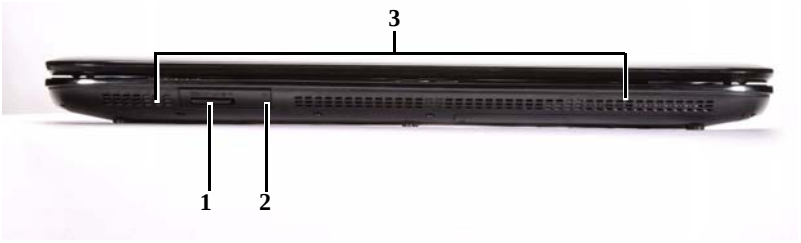
	Icon	Item	Description
1		Acer Crystal Eye webcam	Web camera for video communication.
2		Microphone	Internal microphone for sound recording.
3		Display screen	Also called Liquid-Crystal Display (LCD), displays computer output (Configuration may vary by models).
4		Power button	Turns the computer on and off.

	Icon	Item	Description
5		Backup key	Launches Acer Backup Management for three-step data backup.
		Bluetooth communication button/indicator	Enables/disables the Bluetooth function. Indicates the status of Bluetooth communication (only for certain models)
		Wireless LAN communication button/indicator	Enables/disables the wireless LAN function. Indicates the status of wireless LAN communication.
6		Keyboard	For entering data into your computer.
7		Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
8		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.
		Power*	Indicates the computer's power status.
		Battery†	Indicates the computer's battery status. • Charging: The light shows amber when the battery is charging. • 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		Palmrest	Comfortable support area for your hands when you use the computer.
11		Touchpad toggle	Turns the internal touchpad on and off.
12		Acer MediaTouch	Touch sensitive controls for Acer Arcade, volume (up/down) and media (play/pause, stop, previous, next); with mute and hold keys.
13		Acer PowerSmart key	Puts your computer into power-saving mode.
14		Speakers	Left and right speakers deliver stereo audio output.
15		Screen blank	Turns the display screen backlight off to save power. Press any key to return.

*The front panel indicators are visible even when the computer cover is closed up.

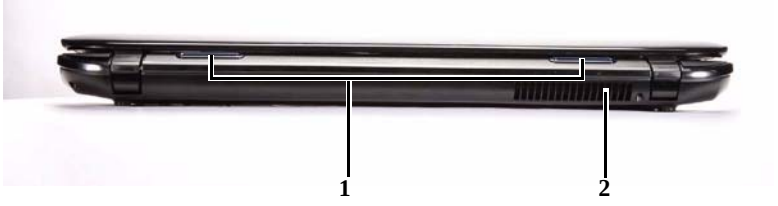
†The front panel indicators are visible even when the computer cover is closed up.

Closed Front View



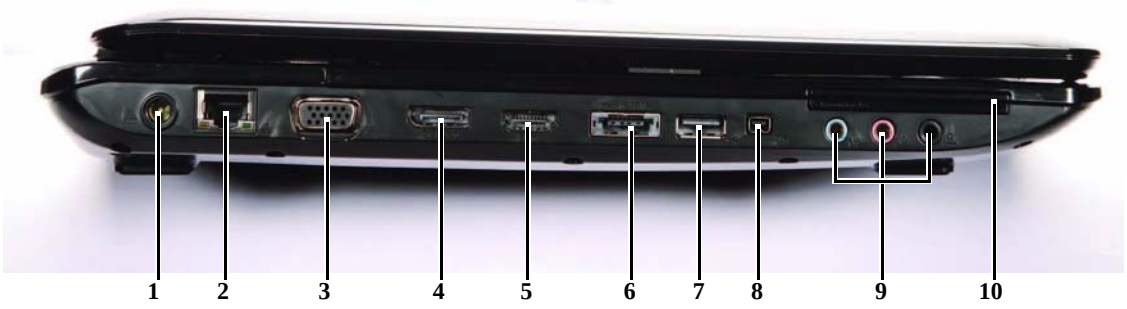
#	Icon	Item	Description
1		Multi-in-1 card reader	Accepts Secure Digital (SD), MultiMediaCard (MMC), Memory Stick (MS), Memory Stick PRO (MS PRO), xD-Picture Card (xD). **Note:** Push to remove/install the card. Only one card can operate at any given time.
2		CIR receiver	Receives signals from a remote control.
3		Speakers	Dolby 5.1 speakers deliver stereo audio output.

Rear View



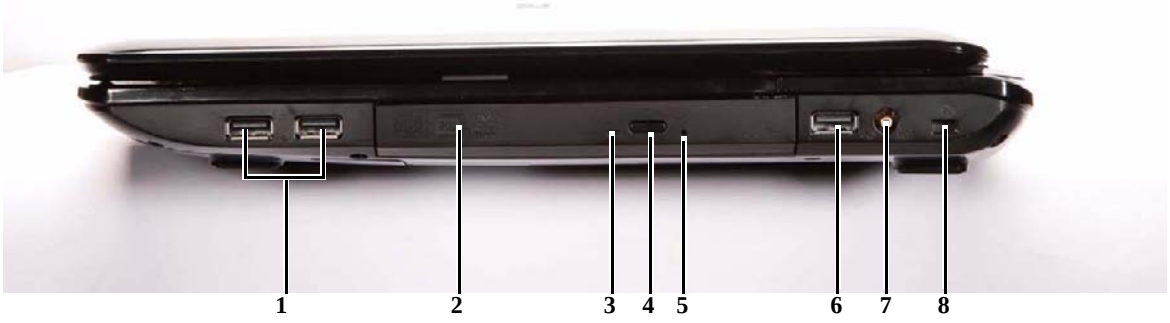
	Item	Description
1	Tuba	The dedicated Tuba CineBass subwoofer pumps out earthshaking movie-house audio.
2	Ventilation slots	Enable the computer to stay cool, even after prolonged use.

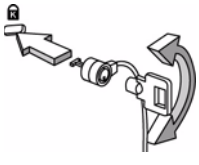
Left View



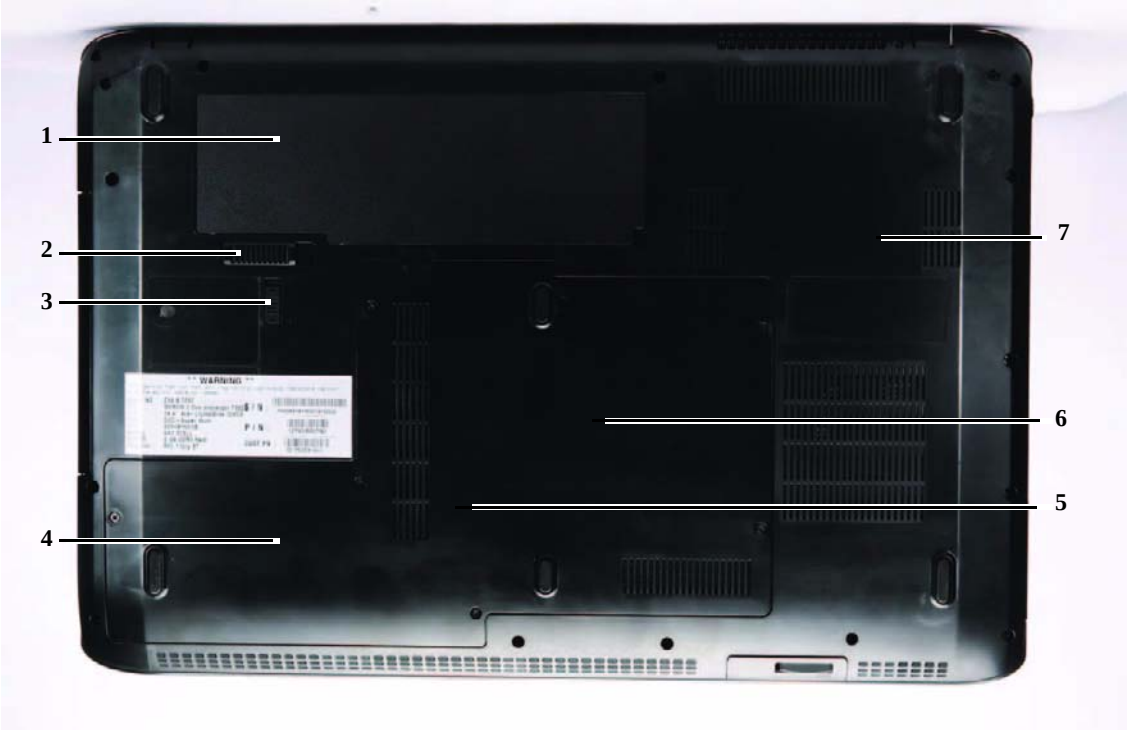
#	Icon	Item	Description
1		DC-in jack	Connects to an AC adapter.
2		Ethernet (RJ-45) port	Connects to an Ethernet 10/100/1000-based network.
3		External display (VGA) port	Connects to a display device (e.g., external monitor, LCD projector).
4	DISPLAY	DISPLAY port	Supports high definition digital video connections.
5	HDMI	HDMI port	Supports high definition digital video connections.
6	eSATA	e SATA port	Connects to eSATA devices (only for certain models).
7		USB 2.0 port	Connects to USB 2.0 devices (e.g., USB mouse, USB camera).
8	1394	4-pin IEEE 1394 port	Connects to IEEE 1394 devices.
9		Line-in jack	Accepts audio line-in devices (e.g., audio CD player, stereo walkman, mp3 player)
		Microphone-in jack	Accepts inputs from external microphones.
	SPDIF	Headphones/ speaker/line-out jack with S/PDIF support	Connects to audio line-out devices (e.g., speakers, headphones).
10	Expresscard / 54	ExpressCard/54 slot	Accepts one ExpressCard/54 module.

Right View



	Icon	Item	Description
1		USB 2.0 port	Connects to USB 2.0 devices (e.g., USB mouse, USB camera).
2		Optical drive	Internal optical drive; accepts CDs or DVDs.
3		Optical disk access indicator	Lights up when the optical drive is active.
4		Optical drive eject button	Ejects the optical disk from the drive.
5		Emergency eject hole	Ejects the optical drive tray when the computer is turned off. **Note:** Insert a paper clip to the emergency eject hole to eject the optical drive tray when the computer is off.
6		USB 2.0 port	Connects to USB 2.0 devices (e.g., USB mouse, USB camera).
7		RF-in port	Accepts input signals from digital TV tuner devices. (only for certain models)
8		Kensington lock slot 	Connects to a Kensington-compatible computer security lock. **Note:** Wrap the computer security lock cable around an immovable object such as a table or handle of a locked drawer. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available.

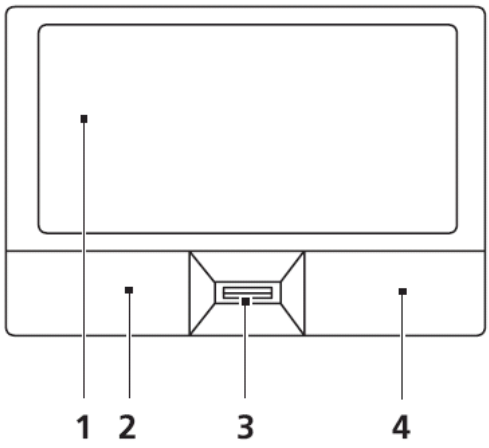
Bottom View



	Icon	Item	Description
1		Battery bay	Houses the computer's battery pack.
2		Battery release latch	Releases the battery for removal.
3		Battery lock	Locks the battery in position.
4		Hard drive bay-Secondary	Houses the computer’s hard disk (secured with screws) (for certain models only).
5		Hard disk bay-Main	Houses the computer's hard disk (secured with screws).
6		Memory compartment	Houses the computer’s main memory
7		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.

TouchPad Basics

The following items show you how to use the TouchPad:



- 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

Your notebook features a full-size keyboard that functions the same as a desktop computer keyboard. Many of the keys have been assigned alternate functions, including shortcut keys for Windows, function keys for specific system operations, and the Num Lock keys for the numeric keypad.

Key Types

The keyboard has several different types of keys. Some keys perform specific actions when pressed alone and other actions when pressed in combination with another key.

Icon	Key Type	Description
	Function keys	Press these keys labeled F1 to F12 to perform actions in programs. For example, pressing F1 may open help. Each program uses different function keys for different purposes. See the program documentation to find out more about the function key actions.
	System keys	Press these colored keys in combination with the Fn key to perform specific actions. See “System Hotkeys” on page 14.
	Navigation keys	Press these keys to move the cursor to the beginning of a line, to the end of a line, up the page, down the page, to the beginning of a document, or to the end of a document.
	Fn key	Press the Fn key in combination with a colored system key to perform a specific action.
	Windows key	Press this key to open the Windows Start menu. This key can also be used in combination with other keys to open utilities. See “Windows Keys” on page 13.
	Application key	Press this key for quick access to shortcut menus and help assistants in Windows.
◁△▽▷	Arrow keys	Press these keys to move the cursor up, down, right, or left.

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 7, some shortcuts may not function as described.

System Hotkeys

The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness, Bluetooth and WiFi.

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

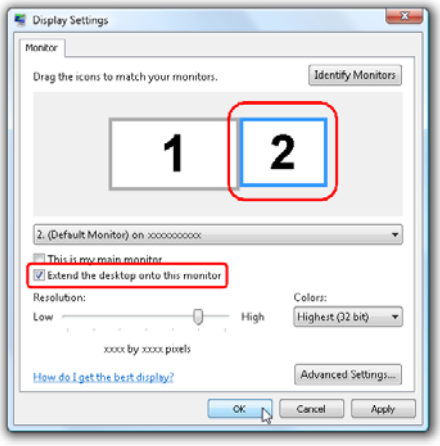
Hotkey	Icon	Function	Remarks
Fn + F2		System property	Starts System Property for displaying system information.
Fn + F4		Sleep	Puts the computer in Sleep mode.
<Fn> + <F5>		Display toggle	Switches display output between the display screen, external monitor (if connected) and both.
<Fn> + <F6>		Screen blank	Turns the display screen backlight off to save power. Press any key to return.
<Fn> + <F8>		Speaker toggle	Turns the speakers on and off.
<Fn> + <F9>		Keyboard backlight toggle	Turns the keyboard backlight on or off.
<Fn> + < >		Brightness up	Increases the screen brightness.
<Fn> + < >		Brightness down	Decreases the screen brightness.

Using the System Utilities

Acer GridVista (dual-display compatible)

NOTE: This feature is only available on certain models.

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



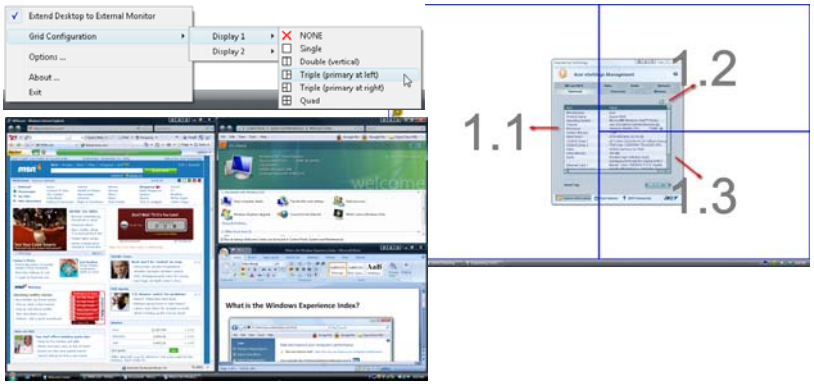
Acer GridVista is a handy utility that offers four pre-defined display settings so you can view multiple windows on the same screen. To access this function, please go to **Start→ All Programs** and click on **Acer GridVista**. You may choose any one of the four display settings indicated below:

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

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

AcerGridVista is simple to set up:

1. Run Acer GridVista and select your preferred screen configuration for each display from the task bar.
2. Drag and drop each window into the appropriate grid.
3. Enjoy the convenience of a well-organized desktop.



NOTE: Please ensure that the resolution setting of the second monitor is set to the manufacturer's recommended value.

Hardware Specifications and Configurations

Processor

Item	Specification
CPU	Intel® Core™ i7 processor
Type	1.6GHz ~ 1.73GHz CPU
Core Logic	• Mobile Intel® PM55 Express Chipset • REALTEK ALC889X for High Definition Audio Codec
CPU Package	37.5 x 37.5 mm rPGA package (rPGA988A)
Power	Vcca 1.5V, Vccp 1.05V
On-die Cache	8MB or 256KMB L2 cache
Front Side Bus	667/800/1066 MHz
Thermal IC	Digital thermal sensor (DTS)

Processor Specifications

Item	CPU Speed	Cores	Bus Speed	Mfg Tech	Cache Size	Package	Thermal Design Power (W)	Acer P/N
Ci7720QM	1.6 GHz	4			6 MB	LGA1333	45	KC.72001.QMP
Ci7820QM	1.73 GHz	4			8 MB	LGA1333	45	KC.82001.QMP

CPU Fan True Value Table

Fan On Temp (°C)	Fan Speed (rpm)	SPL Spec (dBA)
45	2350	31
55	2600	34
75	3150	38
95	3500	40

- Throttling 50%: On=105°C, Off=85°C
- OS Shutdown: 110°C
- H/W Shutdown: 110°C

Northbridge

Item	Specification
Chipset	NB Chipset Intel CS BD82PM55 MM#903212
Package	1333-pin

VGA Subsystem

Item	Specification
Chipset	NVIDIA N10EGE 40nm 29mm*29mm GB1-128 package
Vendor	NVIDIA
Package	BGA-969pin
Features	• GPU Product Name: Nvidia N10E-GE • ASIC: BGA-969pin • VGA BUS Slot: MXM slot • MXM Type: MXM 3.0 • Vorce: 1.50V • Engine Clock: 535MHz • Memory Clock: 790MHz • Memory Type: gDDR3 • Memory Amount: 1024M(64MBx16bit) • Memory Interface: 128bit • LVDS: Y • TMDS: Y • TV: N • DP: Y • CRT: Y

Standard Supported VGA Resolution

Resolution	Color Depth	Refresh Rate
640 x 480	8, 16	60 70 72 75 85 100 120
800 x 600	8, 16	60 70 72 75 85 100 120
1024 x 768	8, 16	60 70 72 75 85 100 120
1152 x 864	8, 16	60 70 72 75 85 100 120
1280 x 720	8, 16	60
1280 x 768	8, 16	60 70 72 75 85 100 120 140 144 150
1280 x 800	8, 16	60 70 72 75 85 100 120 140 144 150
1280 x 960	8, 16	60 70 72 75 85 100 120
1280 x 1024	8, 16	60 70 72 75 85 100 120
1360 x 768	8, 16	60 70 72 75 85 100 120 140 144 150
1400 x 1050	8, 16	60 70 72 75 85 100
1600 x 1024	8, 16	60 70 72 75 85 100
1600 x 1200	8, 16	60 70 72 75 85 100
1920 x 1200	8, 16	60 70 72 75 85
1920 x 1440	8, 16	60 70 72 75 85
2048 x 1536	8, 16	60 70 72 75 85
640 x 480	32,64	60 70 72 75 85 100 120
800 x 600	32,64	60 70 72 75 85 100 120
1024 x 768	32,64	60 70 72 75 85 100 120 140 144 150 170 200
1152 x 864	32,64	60 70 72 75 85 100 120 140 144 150 170
1280 x 720	32,64	60
1280 x 768	32,64	60 70 72 75 85 100 120 140 144 150
1280 x 800	32,64	60 70 72 75 85 100 120 140 144 150

Resolution	Color Depth	Refresh Rate
1280 x 960	32,64	60 70 72 75 85 100 120 140 144 150
1280 x 1024	32,64	60 70 72 75 85 100 120 140 144 150
1360 x 768	32,64	60 70 72 75 85 100 120 140 144 150
1400 x 1050	32,64	60 70 72 75 85
1600 x 1024	32,64	60 70 72 75 85
1600 x 1200	32,64	60 70 72 75 85 100
1920 x 1200	32,64	60 70 72 75 85
1920 x 1440	32,64	60 70 72 75 85
2048 x 1536	32,64	60 70 72 75 85

BIOS

Item	Specification
BIOS vendor	Insyde H20
BIOS Version	V0.07
BIOS ROM type	Flash ROM W25x16
Package	8-pin SOIC
Features	• Flash ROM 1MB • Support ISIPP • Support Acer UI • Support multi-boot • Suspend to RAM (S3)/Disk (S4) • Various hot-keys for system control • Support SMBUS 2.0, PCI2.3 • ACPI 2.0 compliance with Intel Speed Step Support C1, C2, C3, C4,C6 and S3, S4 for mobile CPU • DMI utility for BIOS serial number configurable/asset tag • Support PXE • Support Y2K solution • Support Win Flash Wake on LAN from S3 • Wake on LAN form S4 in AC mode • System information

System Memory

Item	Specification
Memory controller	Intel® Core™ i7 processor with Mobile Intel® PM55 Express Chipset
Memory size	4GB
DIMM socket number	2
Supports memory size per socket	2GB
Supports maximum memory size	Up to 8GB using two soDIMM modules
Supports DIMM type	DDRIII
Supports DIMM Speed	667/800/1066 MHz
Supports DIMM voltage	1.5V
Cache	8MB

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.

VGA controller

Item	Specification
VGA Chipset	NVIDIA N10EGE
Package	MXM3.0 module
Features	• DDRIII • Data width 128bits • 1024M(64MBx16bit) • Memory Clock 790MHz
Interface	PCIe v1.1 bus

LAN Interface

Item	Specification
LAN Chipset	Broadcom BCM5784MKMLG for 10/100/1000LAN
Package	68-pin QFN
LAN connector type	RJ11
Features	• Integrated 10/100/1000BASE-T transceiver. • Automatic MDI crossover function. • PCIe v1.1 compliant. • 10/100/1000BASE-T full-duplex/half-duplex MAC. • Wake on LAN (WOL) support meeting the ACPI requirements. • Statistics for SNMP MIB II, Ethernet-like MIB, and Ethernet MIB (IEEE 802.3z, Clause 30). • Self-boot feature, utilizing smaller EEPROM size. • Serial flash memory support. • Hot plug support. • PCI Express CLKREQ support. • Energy Detect/Cable Sense.

Item	Specification
Features	• Integrated 10/100/1000BASE-T transceiver • Automatic MDI crossover function • PCIe v1.1 compliant • 10/100/1000BASE-T full-duplex/half-duplex MAC • Receive side scaling (RSS) for multicore processors • Complies with IEEE 802.3, 802.3u, 802.3ab, and 802.1p • IPv4 and IPv6 large send offload and checksum offload (LSO/TCO) • Wake on LAN (WOL) support meeting the ACPI requirements • Statistics for SNMP MIB II, Ethernet-like MIB, and Ethernet MIB (IEEE 802.3z, Clause 30) • Self-boot feature, utilizing smaller EEPROM size • Serial flash memory support • PCI Express CLKREQ support • Energy Detect/Cable Sense • Super Low Power Mode, for ultra-low power consumption
Interface	PCIe v1.1 bus

Wireless Module 802.11b/g

Item	Specification
Manufacturer	Intel WiFi Link 5000 series
Model	Intel® WiFi Link 5100 and Intel® WiFi Link 5300 (Intel® WiFi Link 5300/5100) integrated Wi-Fi
Frequency Range	Automatic switching between the two band 2.4GHz and 5.0GHz
Interface	mini PCI Express card

Bluetooth

Item	Specification
Model	FoxConn T60H928.33
Operating Frequency	2.402GHz ~ 2.480GHz
Channel Numbers	79 channels with 1MHz BW
Transmitter Output Power	-6~4dBm output power for BT class 2 operation
Receiver Sensitivity	-75dBm, BER<0.1%
Maximum Receiver Signal	-10dBm
Operating Voltage	3.3V+/-0.3V
Interface	USB

Modem

Item	Specification
Model	Liteon D-1156U#/A9B
Interface	Two-chip USB 2.0
Package	SV92U2 host interface in a 48-pin TQFP
Power supply	USB supply voltage 5.0V±0.5V

Hard Disk Drive Interface)

Item	Specification		
Vendor	Seagate		
Model Name	ST9160314AS	ST9250315AS	ST9320325AS
Capacity (MB)	160	250	320
Bytes per sector	512		
Data heads	2	2	3
Drive Format			
Disks	1	1	2
Spindle speed (RPM)	5,400		
Performance Specifications			
Buffer size	8MB		
Interface	SATA		
Internal transfer rate (Mbits/sec max)	830		
I/O data transfer rate (Mbytes/sec max)	300		
DC Power Requirements			
Voltage tolerance	5V(DC) +/- 5%		

Hard Disk Drive Interface (cont)

Item	Specifications			
Vendor & Model Name	WD WD5000BEVT	WD WD1600BEVT	WD WD2500BEVT	WD WD3200BEVT
Capacity (MB)	500	160	250	320
Bytes per sector				
Data heads		2	3	4
Drive Format				
Disks		1	2	2
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)	850 Mbits/s maximum			
DC Power Requirements				
Voltage	+5.0V ± 5%.			

Hard Disk Drive Interface (cont)

Item	Specifications			
Vendor & Model Name	HTS543216L9A300	HTS545025B9A300	HTS545032B9A300	HTS545050B9A300
Capacity (MB)	160	250	320	500
Bytes per sector	512			
Data heads	2	3	4	4
Drive Format				
Disks	1	2	2	2
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			
DC Power Requirements				
Voltage	+5.0V ± 5%.			

Hard Disk Drive Interface (cont)

Item	Specifications			
Vendor & Model Name	Toshiba MK1655GSX	Toshiba MK2555GSX	Toshiba MK3255GSX	Toshiba MK5055GSX
Capacity	160GB	250GB	320GB	500GB
Bytes per sector	512			
Data heads	4/2	4	4/2	4/2
Drive Format				
Disks	2/1	2	2/1	2/1
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)	3Gbits/s			
DC Power Requirements				
Voltage	+5.0V ± 5%.			

Super-Multi Drive Module

Item	Specification	
Vendor & model name	HLDS/GSA-T50	Toshiba TS-L633B
Performance Specification	With CD Diskette	With DVD Diskette
Transfer rate (MB/sec)	Sustained: Max 3.5 Mbytes/sec	Sustained: Max 10 Mbytes/sec
Buffer Memory	2MB	
Interface	SATA	
Applicable disc format	Applicable media types: **Writing:** Confirms to DVD+R Version 1.2 and DVD+RW Version 1.3 / DVD+R DL Version 1.0 /DVD-R Version 2.0 / DVD-RW Version 1.2 / DVD-R DL Version 3.0. **Reading:** DVD single/dual layer (PTP, OTP), DVD-R single/dual layer DVD+R single/double layer DVD-RW DVD+RW CD-DA CD-ROM CD-ROM/XA Photo-CD, Multi-session, Video CD CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW	
Loading mechanism	Drawer (Solenoid Open) Tact SW (Open) Emergency Release (draw open hole)	
Power Requirement		
Input Voltage	DC 5 V +/- 5%	

Item	Specification	
Vendor & model name	SONY AD-7583S	
Performance Specification	With CD Diskette	With DVD Diskette
Transfer rate (MB/sec)	Sustained: 3650 (max.)	Sustained: 10,993 (max.)
Buffer Memory	2 MB	
Interface	SATA	
Applicable disc format	**Write:** DVD Data & Video CD-DA, CD-ROM Mode-1, CD-ROM/XA Mode-2 Form-1 and Mode-2 Form-2, CD-i, Video- CD, CD-Text **Read:** DVD-ROM (DVD-5, DVD-9, DVD-10, DVD-18), DVD-Video, DVD-Audio, SACD (Hybrid), UDF DVD, DVD-R, DVD-R DL, DVD-R 3.95 GB, DVD-R Authoring, DVD-R Multi-Border, DVD-RW, DVD+R, DVD+R DL, DVD+R Multi-Session, DVD+RW, DVD-RAM V1.0, DVDRAM V2.0 & 2.1 & 2.2 CD-DA, CD-ROM Mode-1, CD-ROM/XA Mode-2 Form-1 and Mode-2 Form-2, CD-i, CD-i Bridge, Video-CD (MPEG-1), Karaoke CD, Photo-CD, Enhanced CD, CD Plus, CD Extra, itrax CD, CD-Text, UDF CD, CD-R, and CD-RW	

Item	Specification
Loading mechanism	Drawer (Solenoid Open) Tact SW (Open) Emergency Release (draw open hole)
Power Requirement	
Input Voltage	DC 5 V +/- 5%

Blue-Ray Combo Drive Module

Item	Specification	
Vendor & model name	Sony BC-5500S	
Performance Specification	With CD Diskette	With DVD Diskette
Transfer rate (MB/sec)	Sustained: Max 2.4 Mbytes/sec	Sustained: Max 11 Mbytes/sec
Buffer Memory	4.5 MB	
Interface	SATA	
Applicable disc format	Applicable media types: BD-ROM (Single and Dual Layer) BD-R (Single and Dual Layer) BD-RE (Single and Dual Layer) DVD-ROM (Single and Dual Layer) DVD+R (Single and Double Layer) DVD-R (Single and Dual Layer) DVD+RW (Single Layer) and DVD-RW (Single Layer) discs DVD-RAM (Ver.2) CD-ROM CD-R CD-RW	
Loading mechanism	Drawer (Solenoid Open), Tact SW (Open), Emergency Release (draw open hole)	
Power Requirement		
Input Voltage	DC 5 V +/- 5%	

Item	Specification		
Vendor & model name	PLDS BD Combo DS-4E1S		
Performance Specification	With CD Diskette	With DVD Diskette	Blueray
Transfer rate (KB/sec)	Sustained: 3,500 (min.)	Sustained: 10,000 (min.)	Sustained: 18,000 (min.)
Buffer Memory	2 MB		
Interface	SATA		
Applicable disc format	CD-DA, CD-TEXT, CD ROM Mode-1, CD-ROM/XA Mode-2 Form-1 and Form-2, CD-I Ready, Video-CD (MPEG-1), Photo-CD, Enhance CD, CD extra, I-Trax CD and UDF DVD-ROM, DVD-Video, DVD-Audio, DVD-R single/multi border(s) DVD+R single/multi session(s) DVD-RW DVD+RW DVD-RAM BD-ROM ver2.0, UDF2.5 BD-R ver1.0 and ver2.0, UDF2.5 BD-RE ver2.0 and ver3.0, UDF2.5 BD-hybrid (only BD part)		
Loading mechanism	Drawer (Solenoid Open), Tact SW (Open), Emergency Release (draw open hole)		
Power Requirement			
Input Voltage	DC 5 V +/- 5%		

Audio Interface

Item	Specification
Chipset	REALTEK ALC889X for High Definition Audio Codec
Package	48-pin LQFP ‘green’ package
Features	• High performance DACs with 108dB signal-to-noise ratio • High performance ADCs with 104dB signal-to-noise ratio • Meets Microsoft WLP 3.0x and future WLP4.0 Premium requirements • Ten DAC channels support 16/20/24-bit PCM format for 7.1 sound playback, plus 2 channels of concurrent independent stereo sound output (multiple streaming) through the front panel output • Three stereo ADCs support 16/20/24-bit PCM format, multiple stereo recording • All DACs supports 44.1k/48k/88.2k/96k/176.4k/192kHz sample rate • All ADCs supports 44.1k/48k/88.2k/96k/176.4k/192kHz sample rate • Primary 16/20/24-bit S/PDIF-OUT supports 32k/44.1k/48k/88.2k/96k/192kHz sample rate • Secondary 16/20/24-bit S/PDIF-OUT supports 32k/44.1k/48k/88.2k/96k/192kHz sample rate • 16/20/24-bit S/PDIF-OUT supports 32k/44.1k/48k/88.2k/96k/192kHz sample rate • All analog jacks (port-A to port-G) are stereo input and output re-tasking • Port-A/B/C/D/E/F/ built-in headphone amplifiers • Port-B/C/E/F with software selectable boost gain (+10/+20/+30dB) for analog microphone input • High-quality analog differential CD input • Supports external PCBEEP input and built-in digital BEEP generator • Software selectable 2.5V/3.2V/4.0V VREFOUT • Up to four channels of microphone array input are supported for AEC/BF application • Two jack detection pins each designed to detect up to 4 jacks plugging • Supports analog GPIO2 to be jack detection for CD input which is used as 9th analog port • Supports legacy analog mixer architecture • Up to 3 GPIOs for customized applications. GPIO0 and GPIO1 share pin with DMIC-CLK and DMIC-DATA • Supports mono and stereo digital microphone interface (pins shared with GPIO0 and GPIO1) • Supports anti-pop mode when analog power AVDD is on and digital power is off • Content Protection for Full Rate lossless Audio content playback (with selected versions of WinDVD/PowerDVD) • Stereo DSD (Direct Stream Digital) playback and recording converters are integrated • Zero-Detect output volume control • 1dB per step output volume and input volume control • Supports 3.3V digital core power, 1.5V or 3.3V digital I/O power for HD Audio link and 5.0V analog power

Audio Amplifier

Item	Specification
Model	Panasonic 12947A
Package	48 pins QFP
Features	• Microsoft Windows 7® Compliant • High +90dB PSRR, Low -80dB THD+N • Class AB 2.2W (max.) Stereo BTL Speaker Amplifier • Built-in direct drive headphone amplifier within charge pump • AGC adjusted circuit function implement • STBY function support on speaker and headphone (countermeasure pop noise) • RF noise prevention • Built-in over current protection • External adjustable speaker and headphone amplifier gain

Subwoofer Speaker

Item	Specification
Vendor and Model	Maxim MAX9737
Package	24pins TQFN
Features	• Spread-spectrum modulation enable for low EMI solution • High PSRR 80dB • Up to 88% efficiency eliminate heatsink • Thermal and Output current protection • Shut-down mode current <1uA • Click and pop suppression • Turn on time < 10ms • Support 3W/4ohm power output
Power supply	8~28V

Front Speaker

Item	Specification
Vendor and Model	GMT 1453L
Package	16 pins TQFN
Weight	• Support 2W/4ohm power output • Depop circuitry integrated • Stereo bridge-tied load (BTL) • Shut-down control available (<1uA)
Power supply	+5V

Center Speaker

Item	Specification
Vendor and Model	GMT 1442
Package	8 pins TDFN
Weight	• Support 2W/4ohm power output • Depop circuitry integrated • Stereo bridge-tied load (BTL) • Shut-down control available (<1uA))

Digital Camera

Item	Specification
Sensor	CMOS 1 Mega Pixel with WXGA (1280 x 800 pixels)
Pixel Size	3.0um X3.0um
Image Size	3.89mm(H) X 2.43mm(V)
Interface	USB 2.0 high-speed
Optics	• Optical aperture of F/2.0 • Focusing range of 40 cm to Infinity • Dimension (L x W x H mm): 65 X 9.0X 5.25mm

Power and Keyboard Controller

Item	Specification
Controller	KB926
Total number of keypads	
Windows logo key	Yes
Hotkeys	See “System Hotkeys” on page 14.

Battery

Item	Specification	
	6 Cell	8 Cell
Vendor & model name	SONY AS-2007B/SIMPLO AS-2007B/SANYO AS-2007B/ PANASONIC AS-2007B	SONY AS-2007B/SIMPLO AS-2007B/SANYO AS-2007B/ PANASONIC AS-2007B
Battery Type	Li-ion	Li-ion
Pack capacity	4400 mAh	4800 mAh
Normal Voltage	11.1V	14.8
Charge Voltage	12.6V	12.6V
Fast Charge Current	2.94~3.5A	3.1A
Package configuration	3S2P	4S2P

LCD

Item	Specification
Vendor/model name	Chi Mei Optoelectronics - N184H6
Screen Diagonal (mm)	18.47”
Display Area (mm)	408.96 (H) x 230.04 (V) mm
Display resolution (pixels)	Full HD (1920 x 1080)
Pixel Pitch	0.213 (H) x 0.213 (V) mm
Display Mode	FHD (1920 x 1080)
Typical White Luminance (cd/m^2) (also called Brightness)	220
Contrast Ratio	650
Response Time (Optical Rise Time/Fall Time) msec	2ms / 6ms
Input Voltage	3.3V
Typical Power Consumption (watt)	4.6W
Weight	650g

Item	Specification
Physical Size (mm)	422.5 (H) x 248 (V) x 6 (D) mm
Electrical Interface	40-pin LVDS
Support Color	262,144 colors
Viewing Angle (minimum degree)	
Horizontal (Right) CR = 10 (Left)	45 45
Vertical (Upper) CR = 10 (Lower)	25 45
Temperature Range (°C) Operating Storage (shipping)	 0 ~ 50 -20 ~ 60

Card Reader

Item	Specification
Part Name	O2 OZ888GS
Package	64 pins QFN
Features	• Fully Compliant with Provisions of IEEE Std 1394-1995 for a High-Performance Serial Bus and IEEE • Std 1394a-2000 (1394 Open Host Controller Interface Specification 1.1) • Support SD Host specv2.0/MMC/MS/MS-PRO/xD
Interface	PCI Express v1.1 standard
Power Management Features	Active States Power Management (ASPM)

Express Card

Item	Specification
Interface	USB or PCI-express
Slot type	54
Features	• Follows ExpressCard standard specs
Power Switch	G577DSR91U
Package	TQFN 20-pin

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.

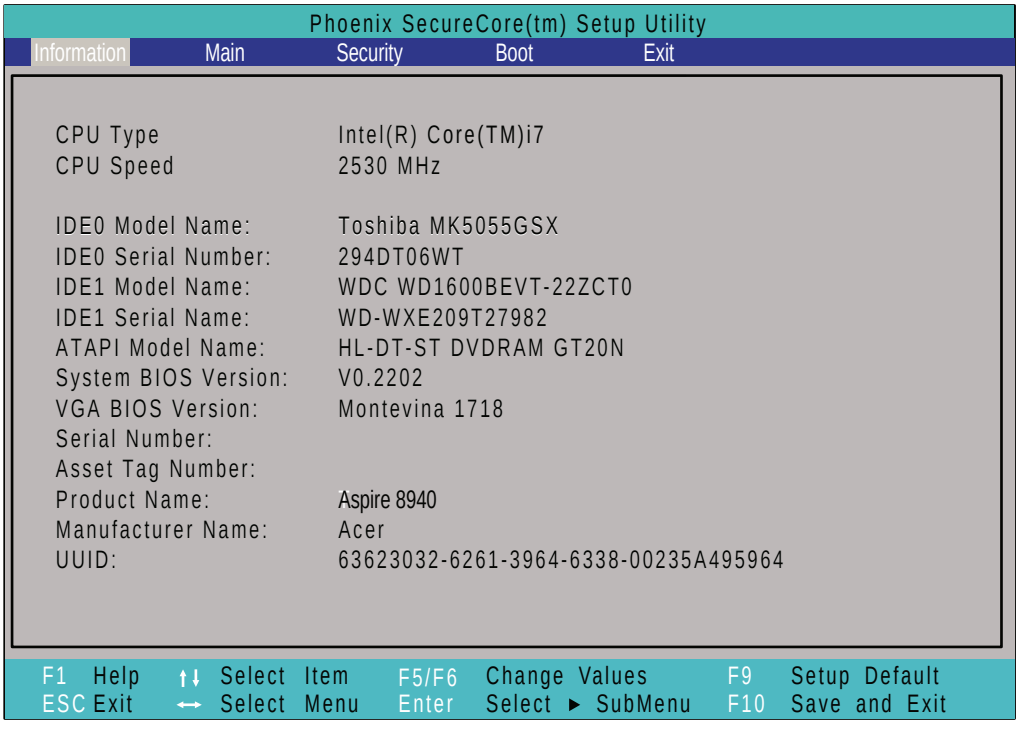
Follow these instructions:

- 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.



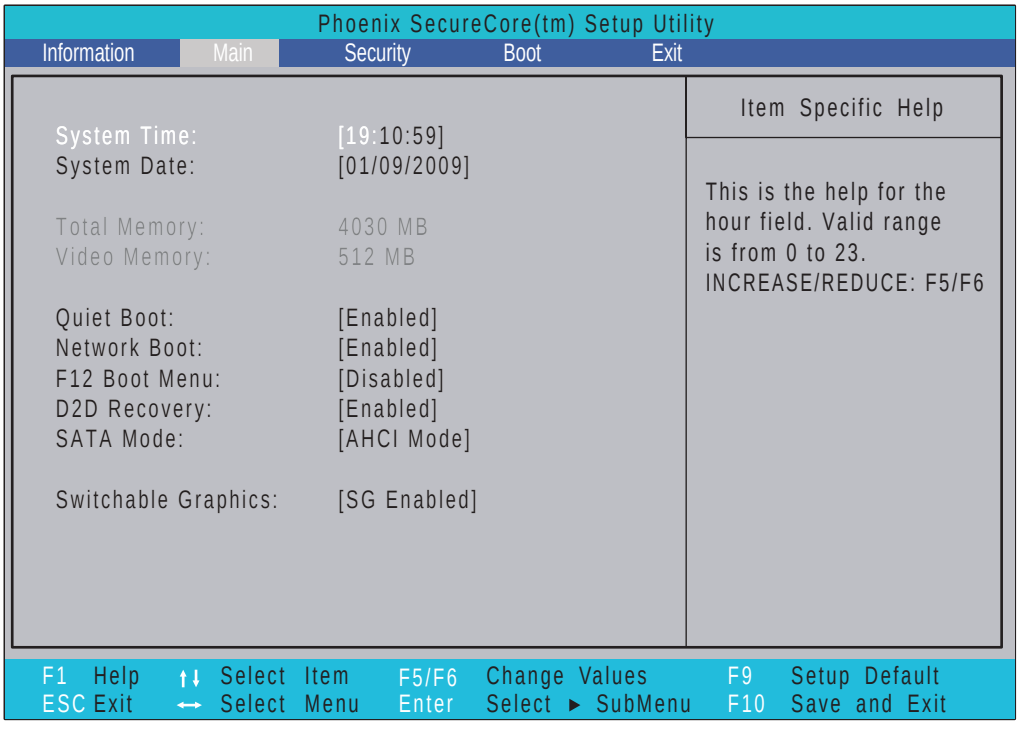
NOTE: The screen above is for your reference only. Actual values may differ according to model.

The table below describes the parameters in this screen.

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.
IDE Model Name	This field shows the model name of HDD installed on primary IDE master.
IDE 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	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.



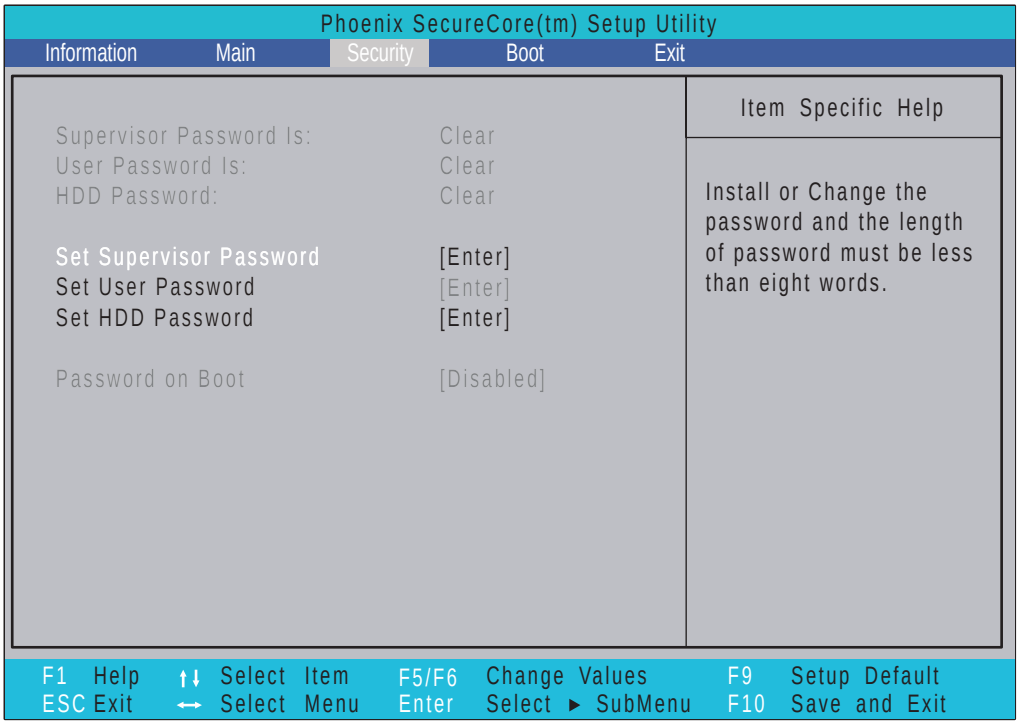
NOTE: The screen above is for your reference only. Actual values may differ.

The table below describes the parameters in this screen.

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)
Total Memory	Displays the total memory available.	N/A
Video Memory	Displays the available memory for Video.	N/A
Quiet Boot	Allows startup to skip certain tests while booting, decreasing the time needed to boot the system.	Option: **Enabled** or Disabled
Network Boot	Enables, disables the system boot from LAN (remote server).	Option: **Enabled** or Disabled
F12 Boot Menu	Enables, disables Boot Menu during POST.	Option: **Enabled** or Enabled
D2D Recovery	Enables, disables D2D Recovery function. The function allows the user to create a hidden partition on hard disc drive to store operation system and restore the system to factory defaults.	Option: **Enabled** or Disabled
SATA Mode	Control the mode in which the SATA controller should operate.	Option: **AHCI** or IDE
Switchable Graphics	Enables or disables the switchable graphics mode.	Option: **SG Enabled**, UMA Only or Discrete Only

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.

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

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

Setting a Password

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

1. Use the ↑ 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 exceed 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**.

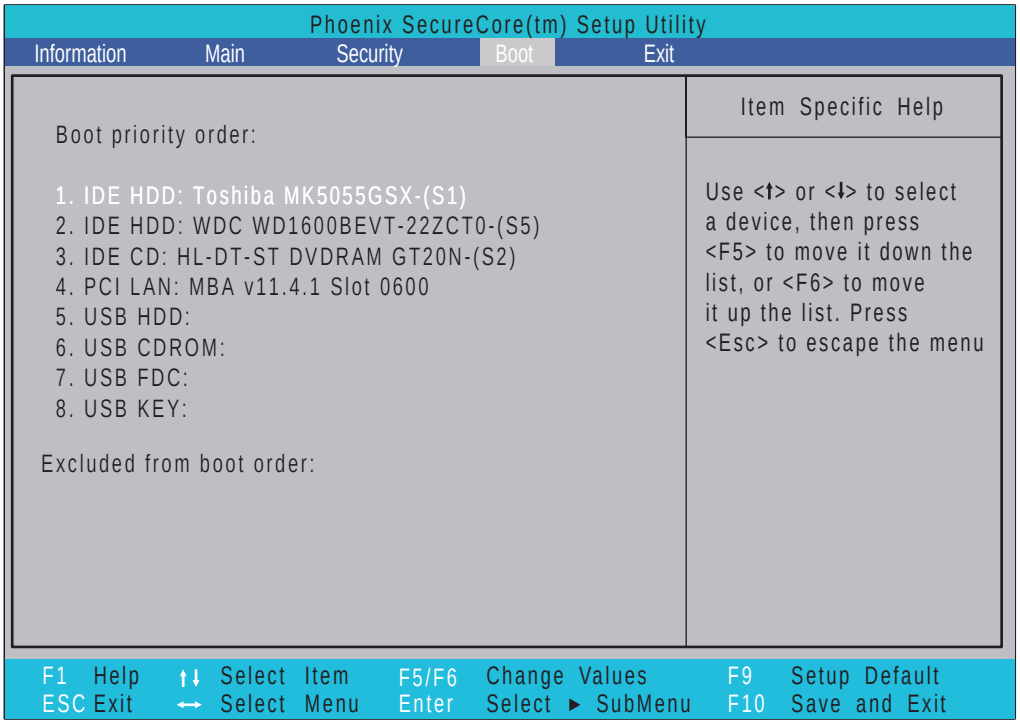
If the current password entered does not match the actual current password, the screen will show you the Setup Warning.

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

Boot

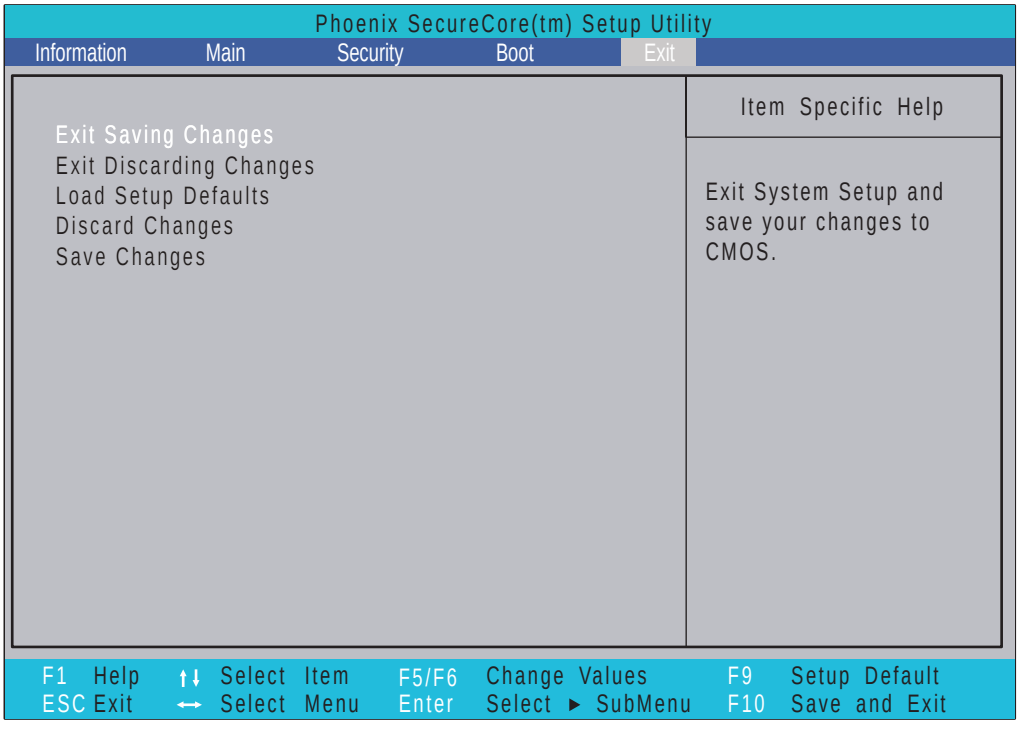
This menu allows the user to decide the order of boot devices to load the operating system. Bootable devices includes the USB diskette drives, the onboard hard disk drive and the DVD drive in the module bay.

Select Boot Devices to select specific devices to support boot.



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.

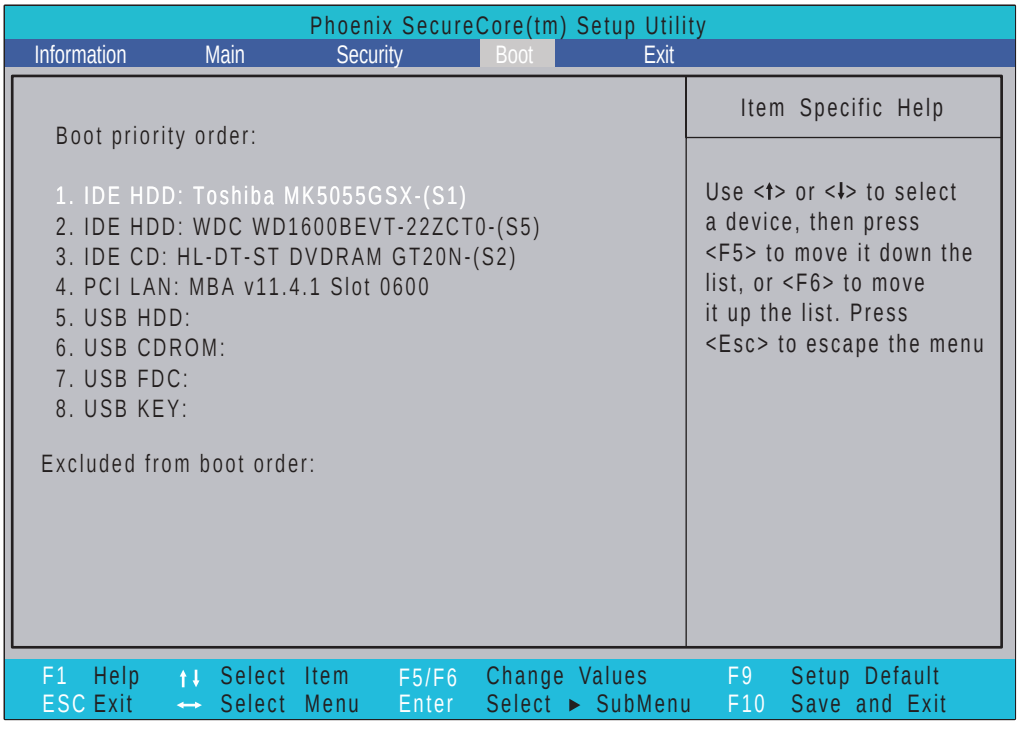
Fellow the steps below to run the Phlash.

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

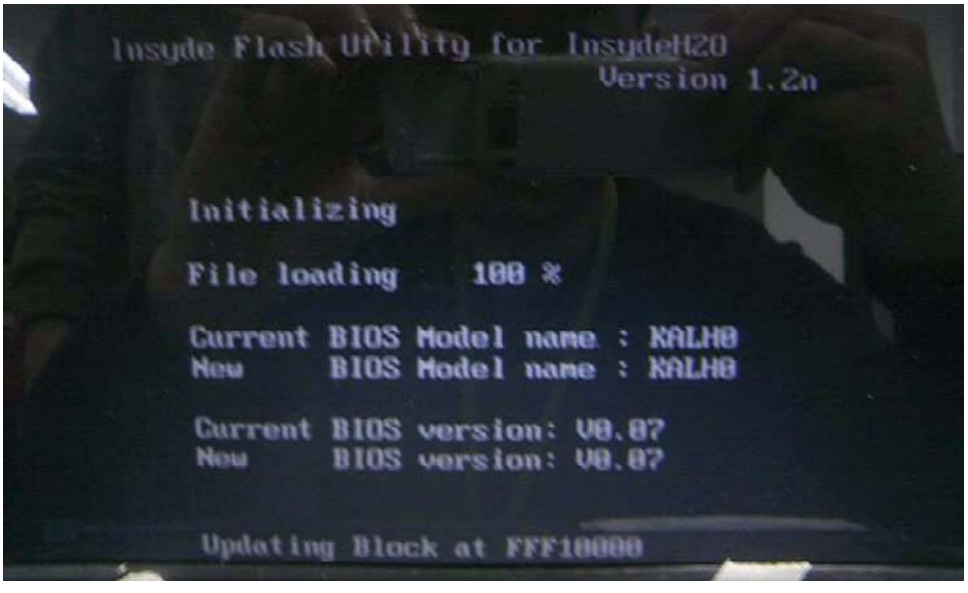
Perform the following steps to use the DOS Flash Utility:

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 **FLASH.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.

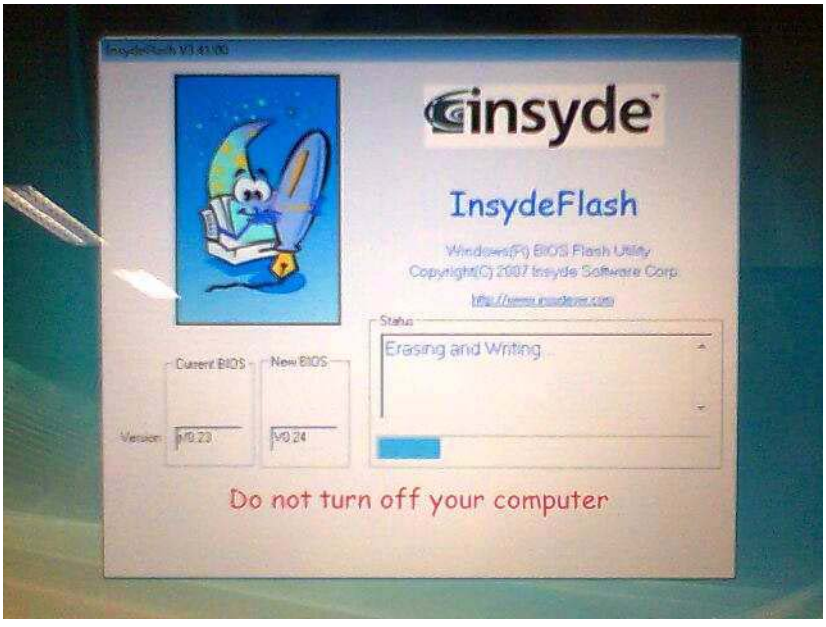
Plug in the AC power to continue.

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.
2. Click **OK** to begin the update. A progress screen displays.



Remove HDD/BIOS Password Utilities

This section provides you with details about removing HDD/BIOS password:

Remove HDD Password:

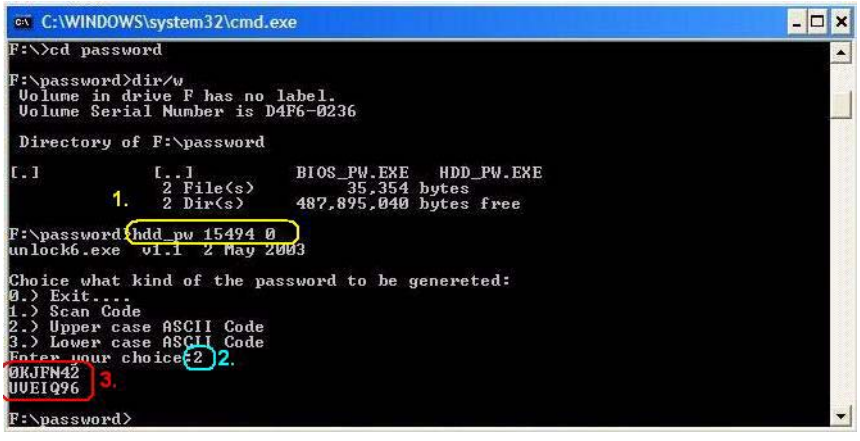
If you key in the wrong HDD password three times, an error code is generated.

To reset the HDD password, perform the following steps:

1. On a different machine, run the **HDD_PW.EXE** file along with the error code generated. For example:

   hdd_pw 15494 0

2. Select an option to generate upper case or lower case ASCII code for unlocking the HDD.
3. Two strings are generated as output. Select and note down either one of the strings.



4. Reboot the machine with the locked HDD and then use either one of the strings as the HDD user password.

Removing BIOS Passwords:

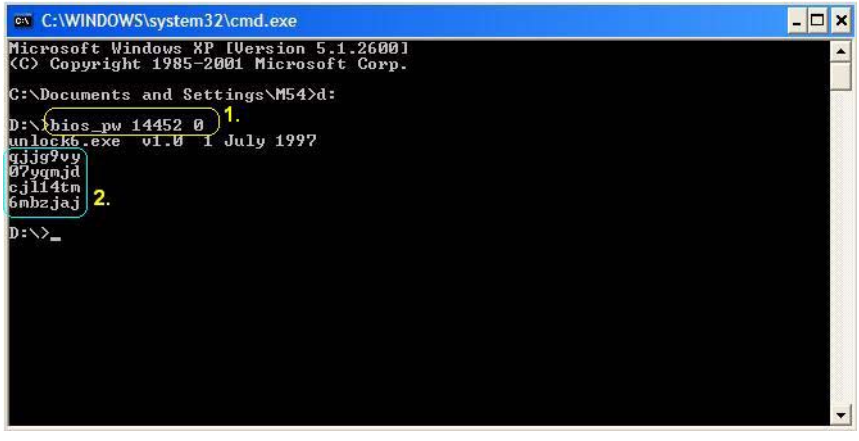
If you key in the wrong Supervisor password three times, an error code is generated and system is disabled.

To unlock the BIOS, perform the following steps:

1. On a different machine, run the **BIOS_PW.EXE** file along with the error code generated. For example:

   bios_pw 14452 0

2. Four ASCII strings are generated as output. Select and note down any one of the strings.



3. Reboot the machine with the locked BIOS and then use either any of the strings as the BIOS user password.

Using Boot Sequence Selector

The Boot Sequence Selector allows the boot order to be changed 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 that the table correlates with the hardware before sending to the operating system (Windows, etc.).

To update the DMI Pool, perform the following steps:

1. Boot into DOS.
2. Execute **dmitools**. The following messages report to screen to confirm completion:
    - dmitools /r ==> Read dmi string from bios
    - 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
    - dmitools /wa xxxx ==> Write asset tag to eeprom (max. 32 characters)

The following examples show the commands and the corresponding output information.

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): Acet Asstag

Write Product Name to EEPROM

Input:

dmitools /wp Acer

Write Serial Number to EEPROM

Input:

dmitools /ws 01234567890123456789

4). Write UUID to EEPROM (Create UUID from Intel WFM20.pdf)

Input:

dmitools /wu

5). Write Asset Tag to EEPROM

Input:

dmitools /wa Acet Asstag

NOTE: When using any of the Write options, restart the system to make the new DMI data effective.

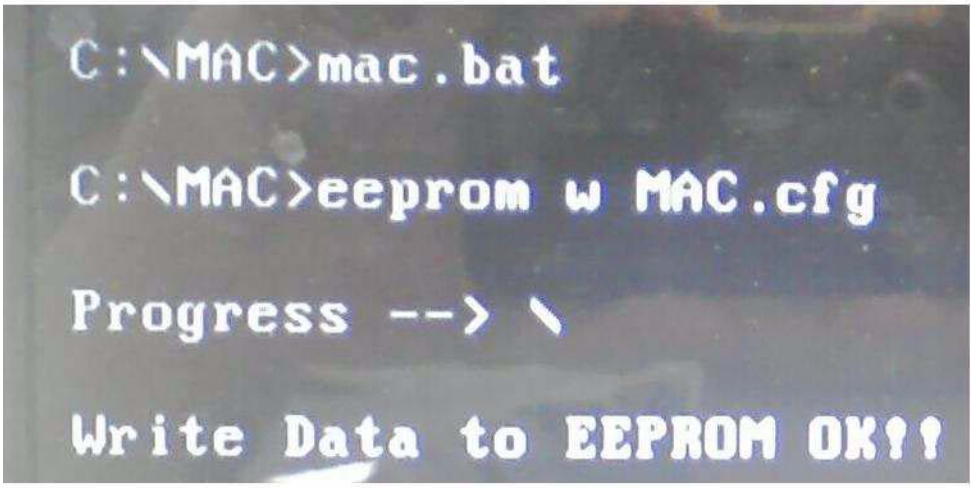
Using the LAN MAC EEPROM Utility

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.

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

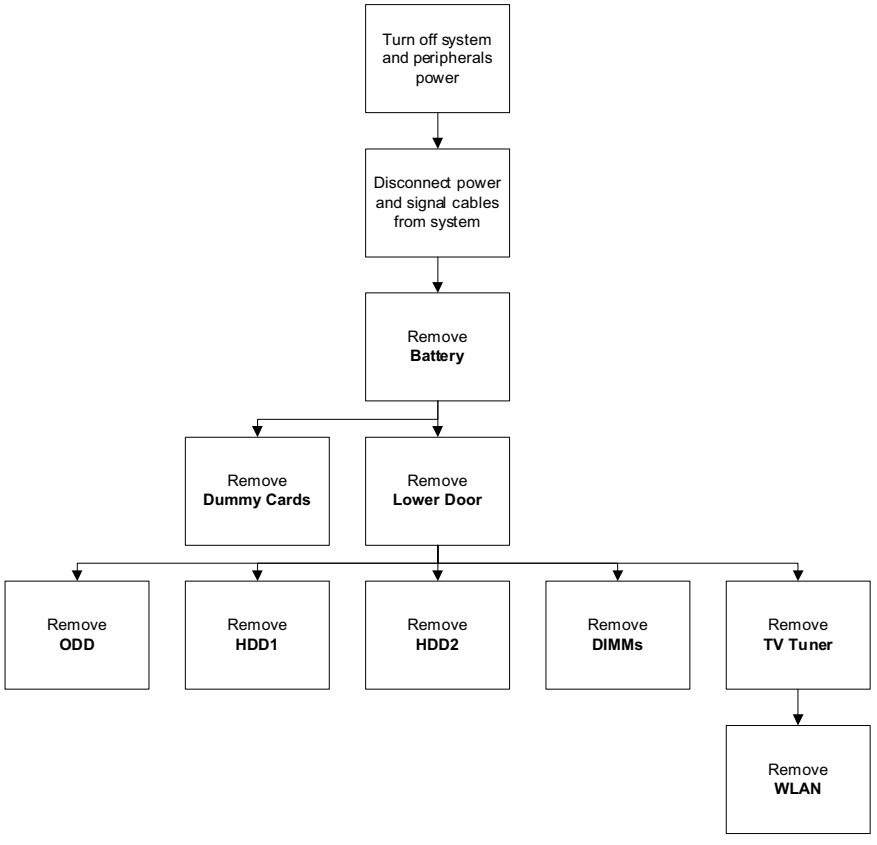
The flowcharts provided in the succeeding disassembly sections illustrate the entire disassembly sequence. Observe the order of the sequence to avoid damage to any of the hardware components. For example, if you want to remove the main board, you must first remove the keyboard, then disassemble the inside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

Main Screw List

Screw	Quantity	Part Number
SCREW M3*3	4	86.A03V7.006
SCREW M2.5*4	32	86.N1407.003
SCREW M2.0*3	28	86.S0207.001
SCREW M2.5*6.5	25	86.ARE07.001
SCREW M2.5*5	2	86.ARE07.004

External Module Disassembly Process

External Modules Disassembly Flowchart



Screw List

Step	Screw	Quantity	Part No.
ODD Module	M2.5*4	1	86.D01V7.001
ODD Bracket	M2*3	2	86.S0207.001
HDD1 Carrier	M3*3	2	86.A03V7.006
HDD2 Carrier	M3*3	2	86.A03V7.006
TV Tuner	M2*3	2	86.S0207.001
WLAN Module	M2*3	2	86.S0207.001

Removing the Battery Pack

1. Turn the computer over.
2. Slide the battery lock to the unlocked 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 Express Dummy Card

1. Push the Express Dummy Card all the way in to eject it.

2. Pull the card out from the slot.

Removing the SD Dummy Card

1. Slide the SD Dummy Card out of the slot and remove it from the computer.

Removing the Lower Door

1. See “Removing the Battery Pack” on page 52.
2. Loosen the seven captive screws in the Lower Door.

3. Remove the Lower Door as shown.

Removing the Optical Drive Module

1. See “Removing the Lower Door” on page 55.
2. Remove the single screw securing the ODD Module.

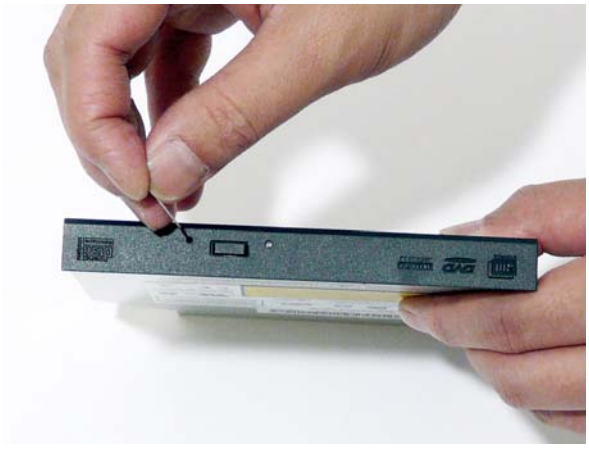
Step	Size	Quantity	Screw Type
ODD Module	M2.5*4	1	

3. Insert a suitable object in to the Lower Cover to push the ODD Module clear of the casing.
4. Pull the ODD Module out of the chassis.

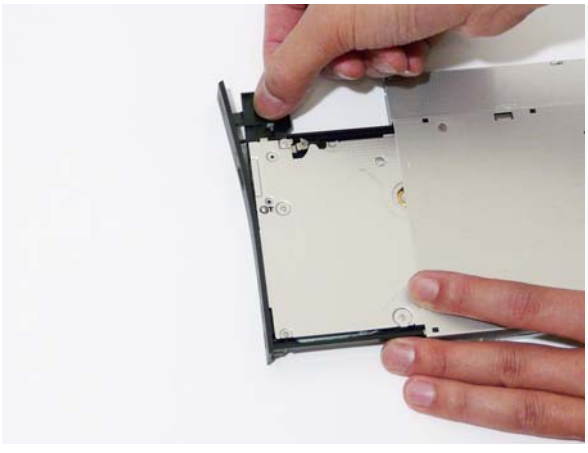
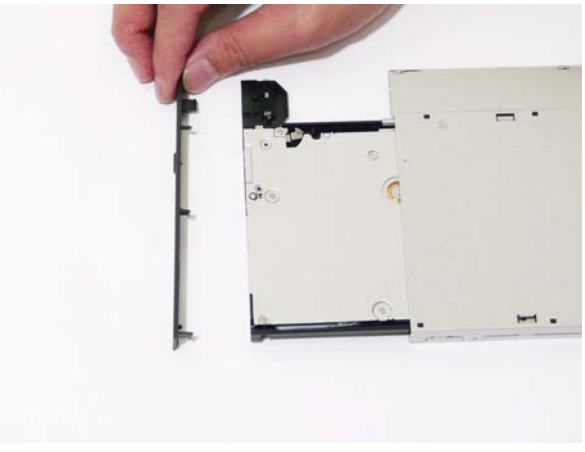
5. Remove the two screws securing the ODD Bracket and remove the ODD bracket from the module.
   NOTE: Remove the left side screw first during disassembly.


Step	Size	Quantity	Screw Type
ODD Bracket	M2*3	2	

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

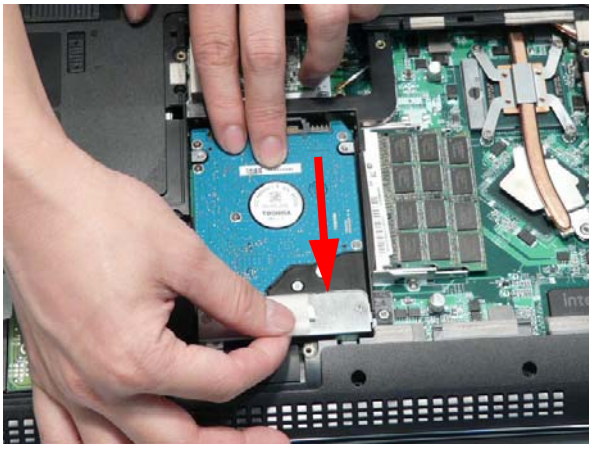


7. Press down on the locking catch to release the ODD cover and remove.

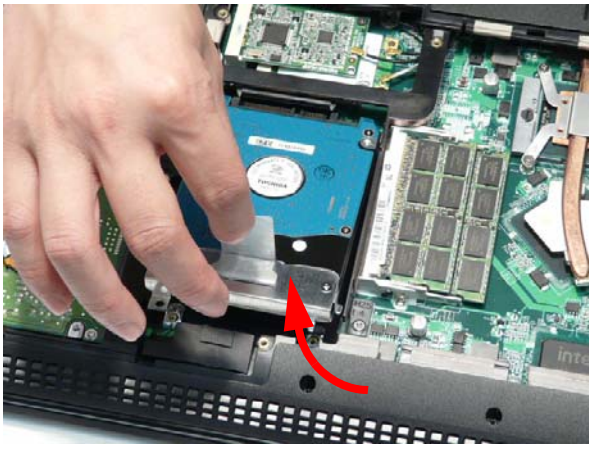



Removing the Primary Hard Disk Drive Module

1. See “Removing the Lower Door” on page 55.
2. Use the pull-tab to slide the Primary HDD in the indicated direction and disconnect the interface.

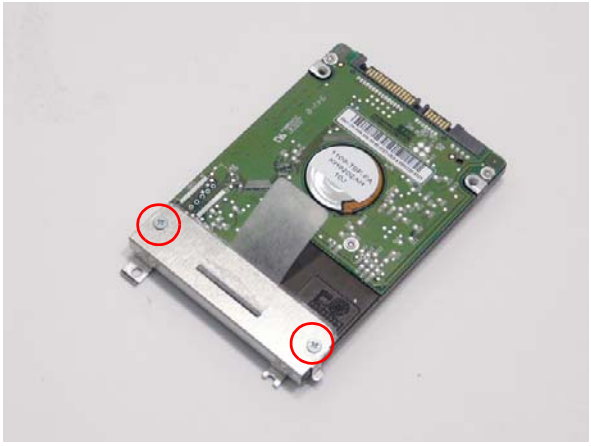


3. Lift the hard disk drive module out of the bay.



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

4. Remove the two screws securing the hard disk to the carrier.



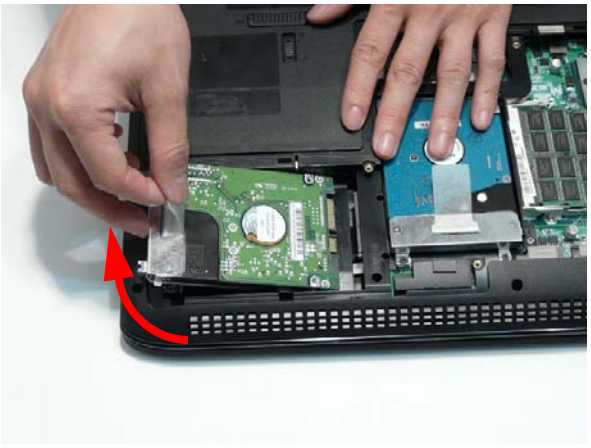
Step	Size	Quantity	Screw Type
HDD1 Carrier	M3*3	2	

5. Remove the HDD from the carrier.

Removing the Secondary Hard Disk Drive Module

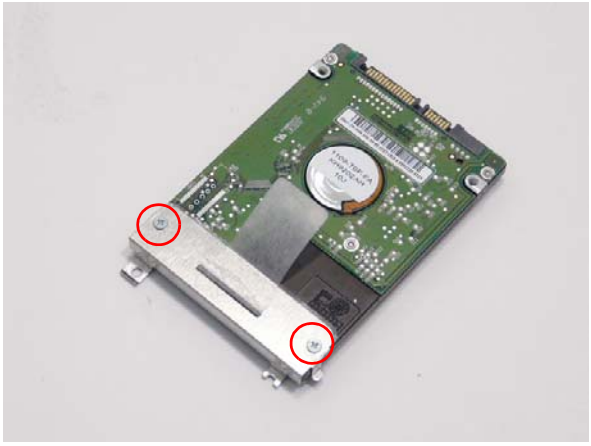
1. See “Removing the Lower Door” on page 55.
2. Use the pull-tab to slide the Secondary HDD and disconnect the interface.

3. Lift the hard disk drive module out of the bay.



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

4. Remove the two screws securing the hard disk to the carrier.

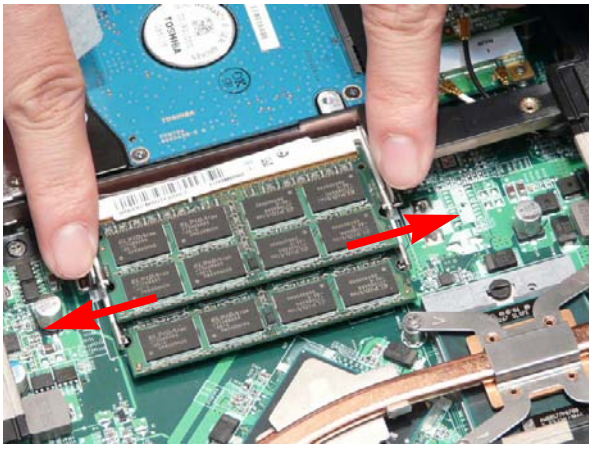


Step	Size	Quantity	Screw Type
HDD2 Carrier	M3*3	2	

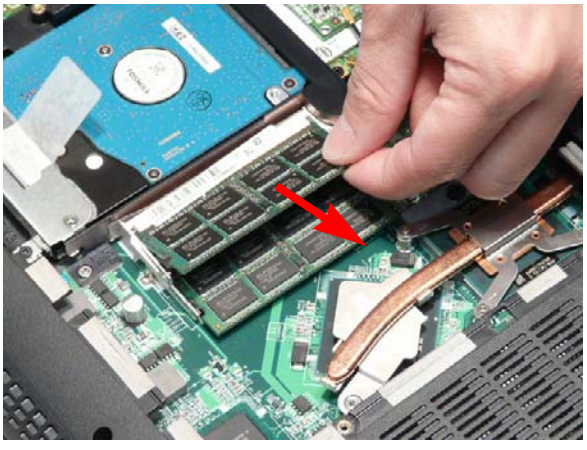
5. Remove the HDD from the carrier.

Removing the DIMM Modules

1. See “Removing the Lower Door” on page 55.
2. Push out the release latches on both sides of the DIMM socket to release the DIMM module.



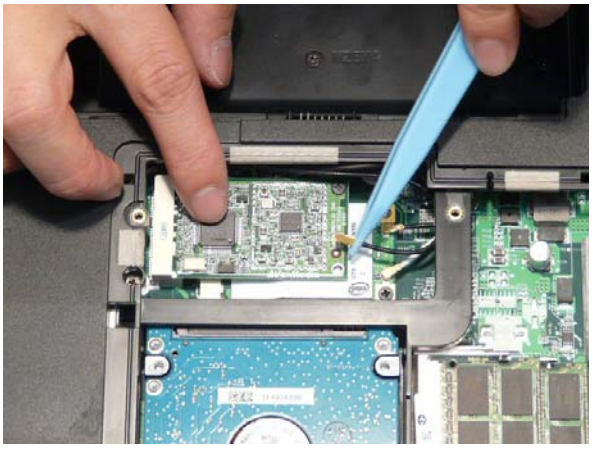
3. Remove the DIMM module.



4. Repeat steps for the second DIMM module.

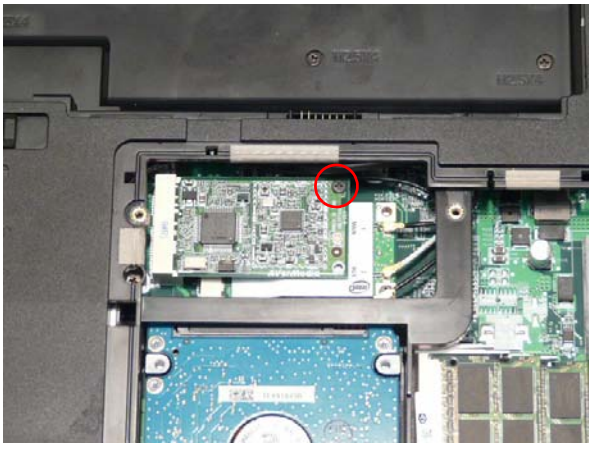
Removing the TV Tuner Module

1. See “Removing the Lower Door” on page 55.
2. Disconnect the Antenna cable from the TV Tuner as shown.



NOTE: When reattaching the Antenna, ensure the cable is tucked into the chassis to prevent damage.

3. Remove the single screw securing the TV Tuner to the Mainboard.



Step	Size	Quantity	Screw Type
TV Tuner	M2*3	1	

4. Remove the TV Tuner as shown.

Removing the WLAN Module

1. See “Removing the Lower Door” on page 55.
2. Disconnect the Antenna cables from the WLAN Module.

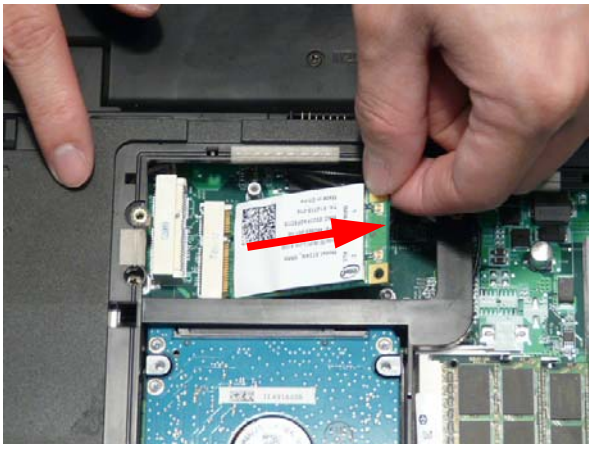
   NOTE: The black cable attaches to the **MAIN** terminal and the white cable attaches to the **AUX** terminal.

   NOTE: When reattaching the antennas, ensure the cables are tucked into the chassis to prevent damage.

3. Remove the single screws securing the WLAN Module to the Mainboard

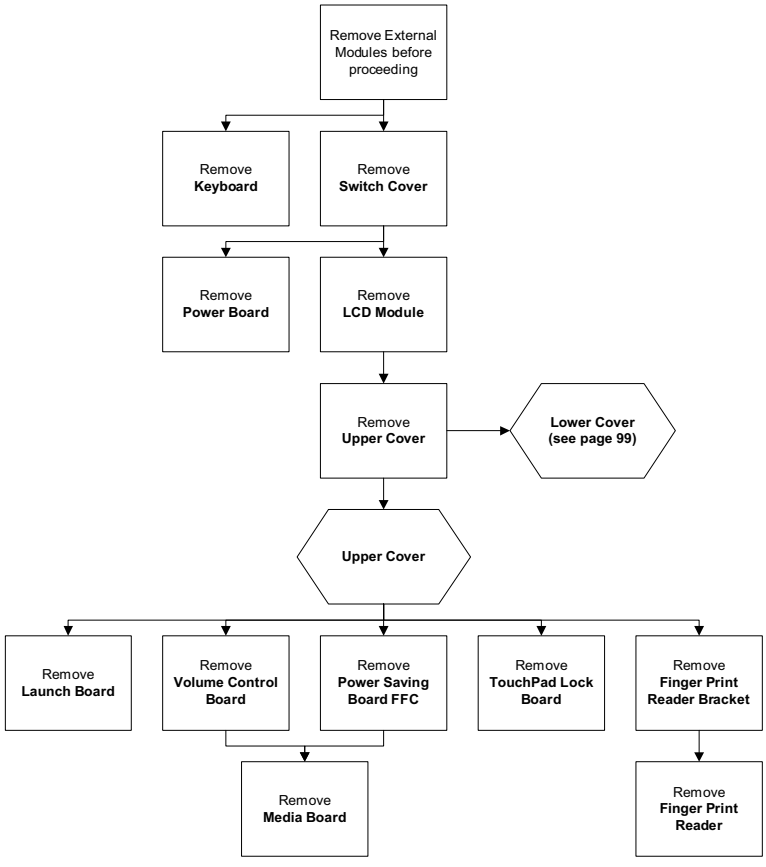
Step	Size	Quantity	Screw Type
WLAN Module	M2*3	2	

4. Detach the WLAN Module from the WLAN socket.



Main Unit Disassembly Process

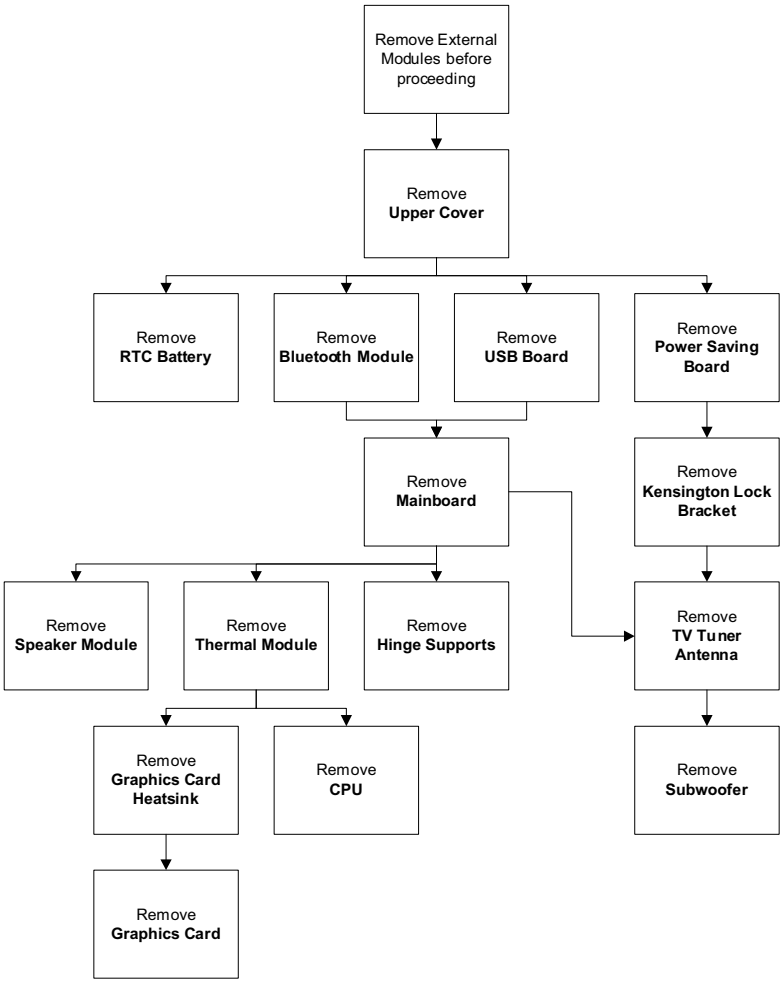
Upper Cover Disassembly Flowchart



Screw List

Step	Screw	Quantity	Part No.
Switch Cover	M2.5*6.5	9	86.ARE07.001
	M2.5*4	4	86.D01V7.001
Power Board	M2.5*4	3	86.D01V7.001
LCD Module	M2.5*6.5	4	86.ARE07.001
Upper Cover	M2.5*6.5	9	86.ARE07.001
	M2.5*4	5	86.D01V7.001
	M2*3	1	86.S0207.001

Lower Cover Disassembly Flowchart



Screw List

Step	Screw	Quantity	Part No.
Bluetooth Board	M2*3	1	86.S0207.001
USB Board	M2.5*4	1	86.D01V7.001
Power Saving Board	M2.5*4	1	86.D01V7.001
Mainboard	M2.5*4	3	86.D01V7.001
Kensington Lock Bracket	M2*3	1	86.S0207.001
Subwoofer	M*3	4	86.S0207.001
Hinge Supports	M2.5*4	6	86.D01V7.001
Speaker Module	M2*3	6	86.S0207.001
Graphics Card Heatsink	M2.5*6.5	2	86.ARE07.001
Graphics Card	M2.5*6.5	1	86.ARE07.001

Removing the Keyboard

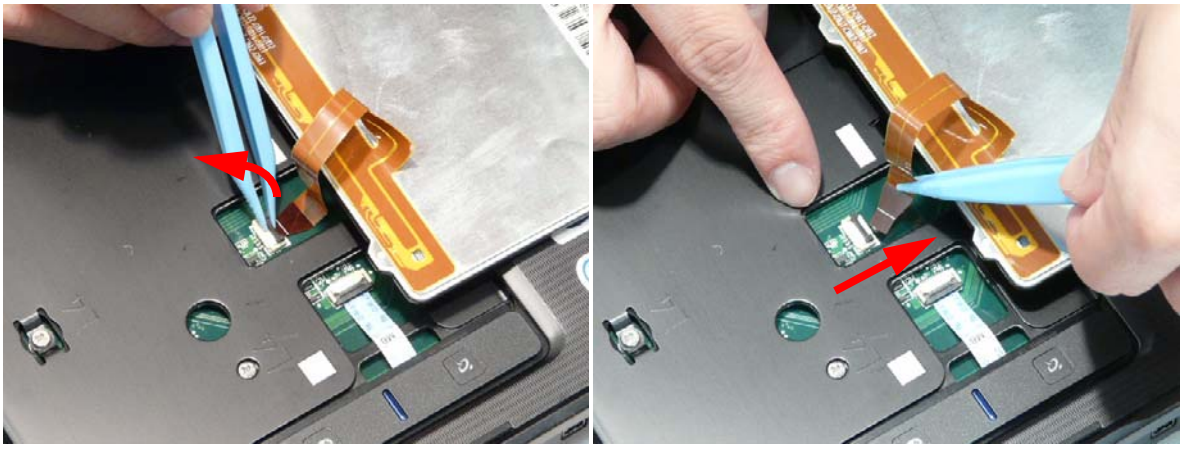
1. See “Removing the Battery Pack” on page 52.
2. Press the six securing clips inward to release the Keyboard from the Upper Cover.

3. Lift the centre of Keyboard up as shown.

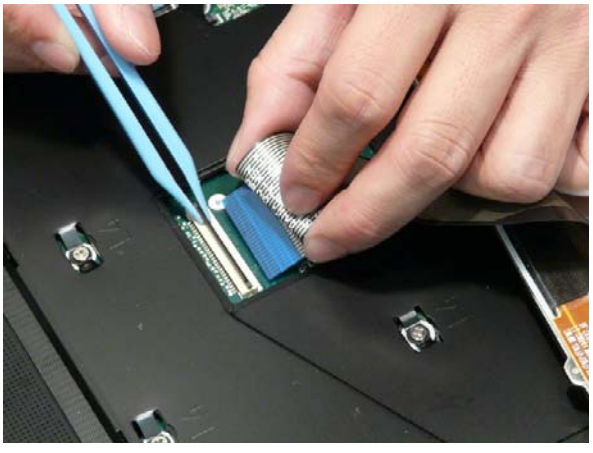
IMPORTANT: Do not remove the Keyboard from the computer; the Keyboard FFCs are still connected.

4. Turn the Keyboard over and place it on the TouchPad area to expose the FFC cables.

5. Disconnect the Backlight cable by opening the FFC latch and removing the cable from the Mainboard.



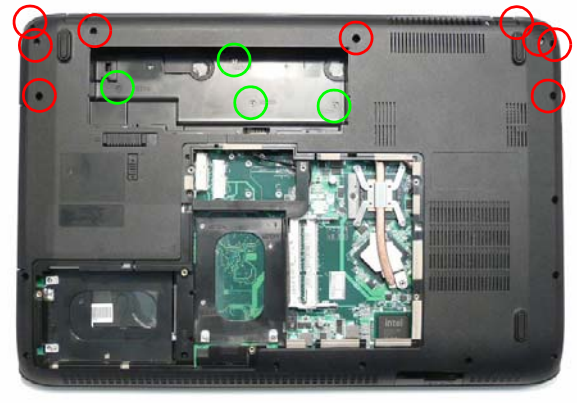
6. Disconnect the Keyboard cable by opening the FFC latch and removing the cable from the Mainboard.



7. Remove the Keyboard from the Upper Cover.

Removing the Switch Cover

1. See “Removing the Battery Pack” on page 52.
2. Turn the computer over. Remove the thirteen screws securing the Switch Cover to the Upper Cover.



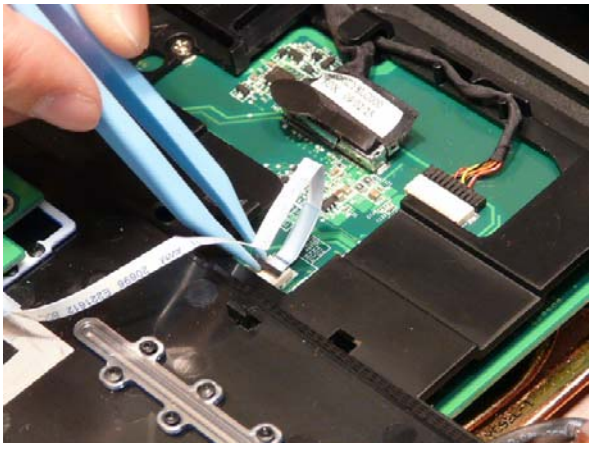
Step	Size	Quantity	Screw Type
Switch Cover (red callout)	M2.5*6.5	9	
Switch Cover (green callout)	M2.5*4	4	

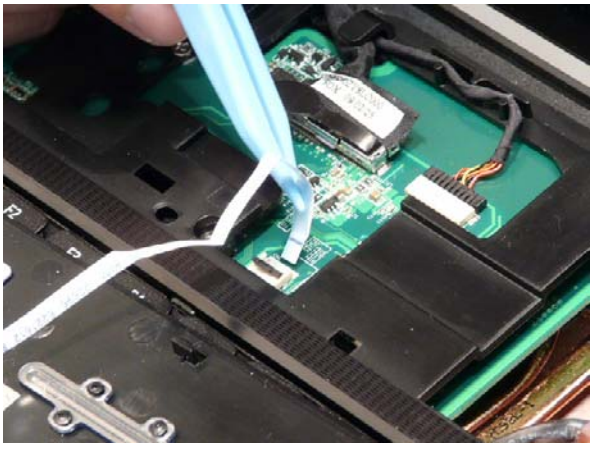
IMPORTANT: Do not lift the Switch Cover away from the computer; the Power Board FFC is still connected.

3. Turn the computer over and open the LCD Panel. Lift the Switch Cover, rear edge first, as shown.

4. Turn the Switch Cover over and place it face down on the Keyboard.

5. Open the Power Board FFC locking latch and disconnect the FFC from the Mainboard.

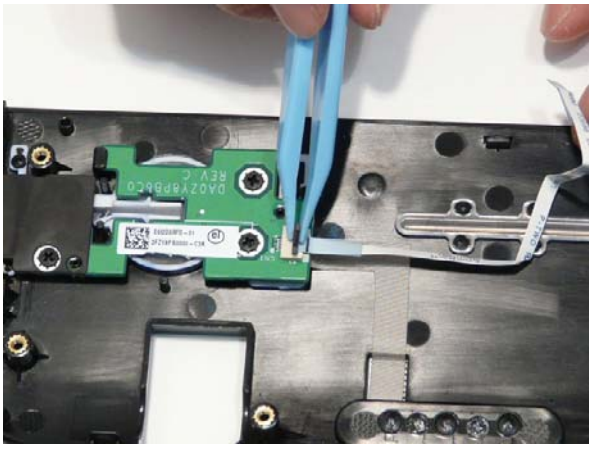


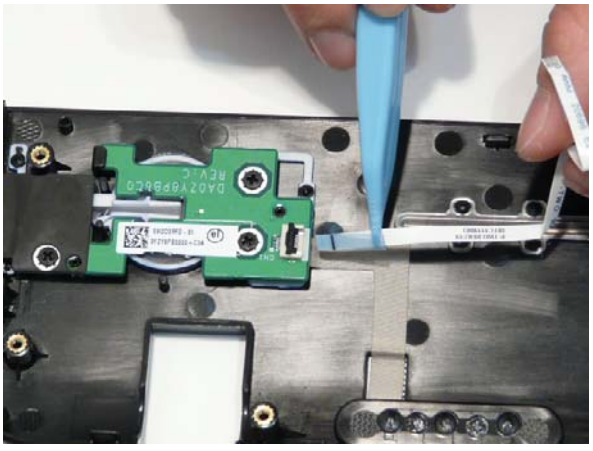


6. Remove the Switch Cover from the Upper Cover.

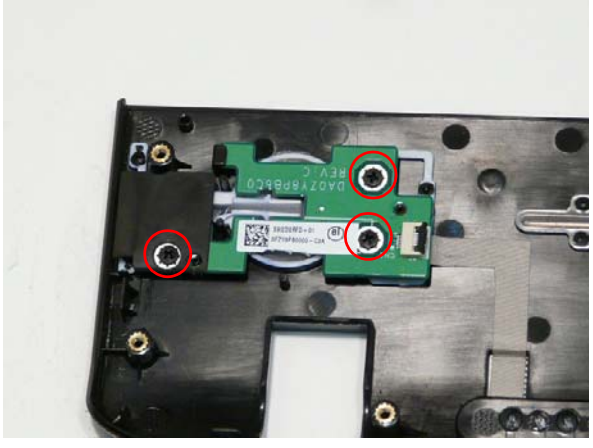
Removing the Power Board

1. See “Removing the Switch Cover” on page 71.
2. Open the Power Board FFC locking latch and disconnect the FFC from the Power Board.



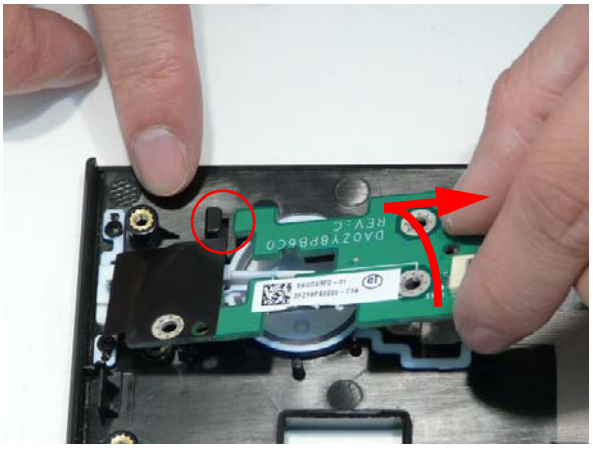


3. Remove the three screws securing the Power Board to the Switch Cover.



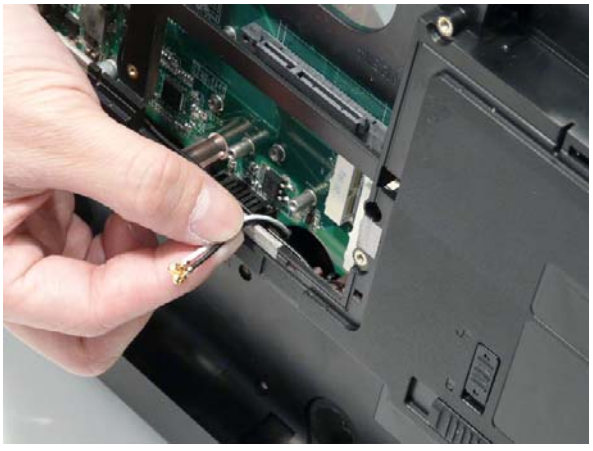
Step	Size	Quantity	Screw Type
Power Board	M2.5*4	3	

4. Lift the Power Board away from the Switch Cover right side first to release the securing clip.

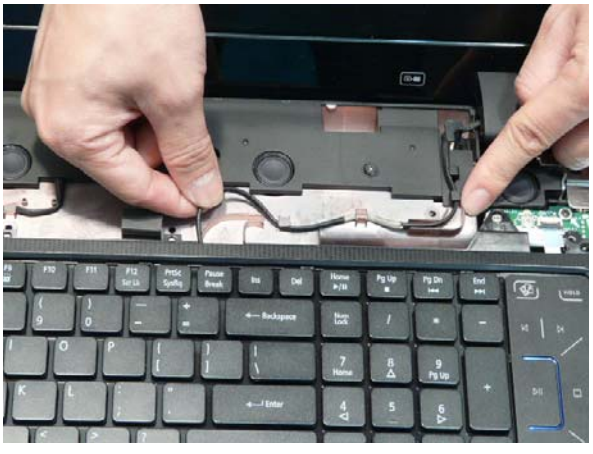


Removing the LCD Module

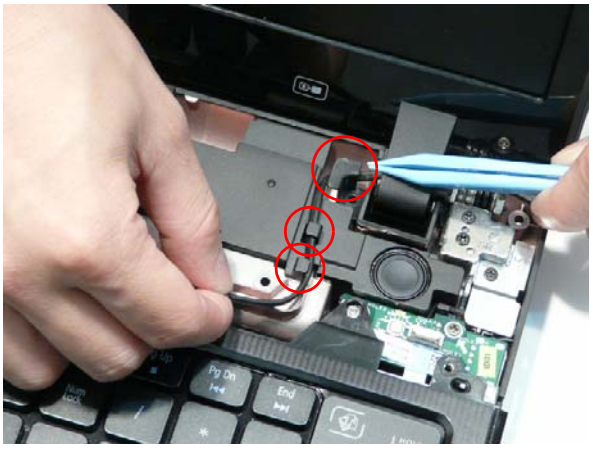
1. See “Removing the Switch Cover” on page 71.
2. Turn the computer over and ensure that the Antenna cables are free from obstructions.



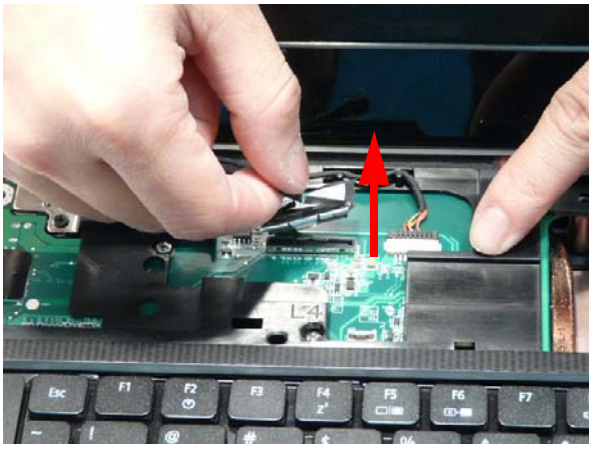
3. Pull the Antenna cables through the Upper Cover as shown. Ensure that the Antennas are completely free from the cover.



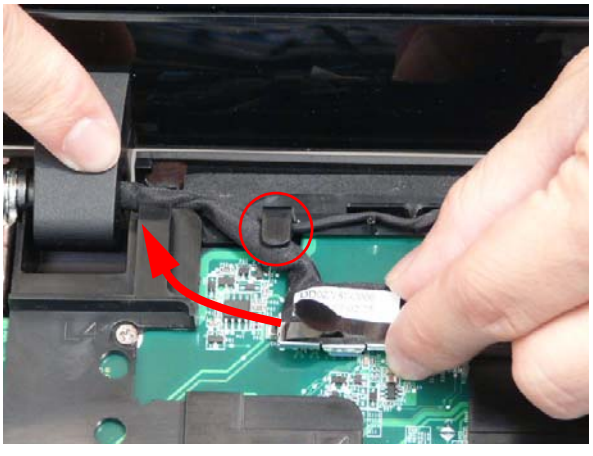
4. Remove the Antenna from the cable channel all the way to the Hinge Well. Ensure that the cables are free from all cable clips.



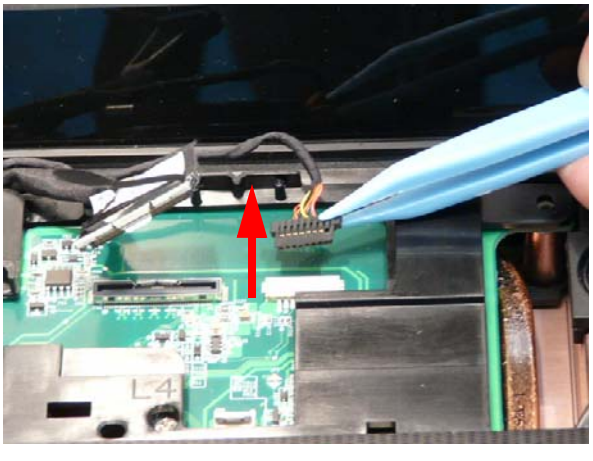
5. Grasp the pull tab and lift upward as shown to disconnect the LVDS cable.



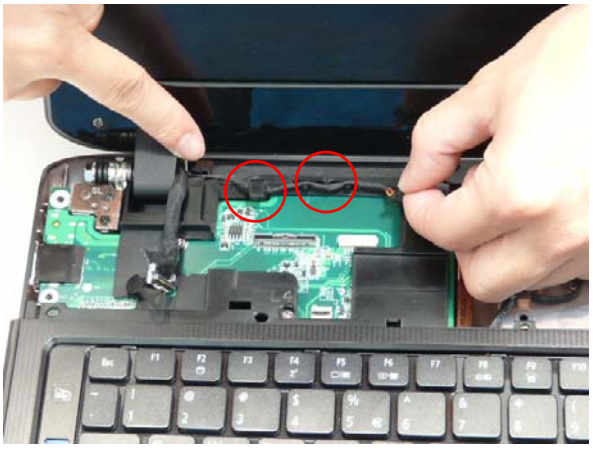
6. Remove the LVDS cable from the cable channel all the way to the Hinge Well. Ensure that the cable is free from all cable clips.



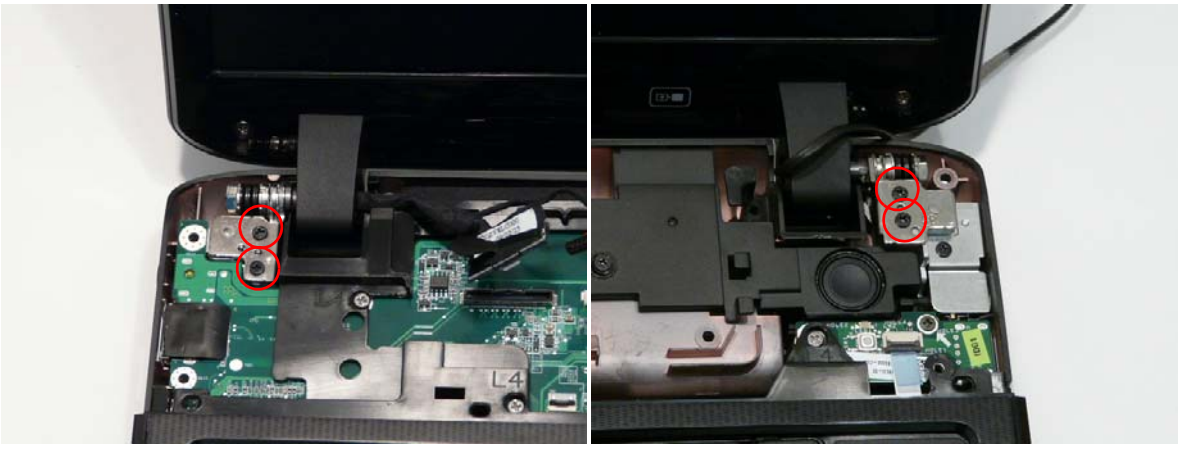
7. Disconnect the MIcrophone cable from the Mainboard.



8. Remove the Microphone cable from the cable channel all the way to the Hinge Well. Ensure that the cable is free from all cable clips.

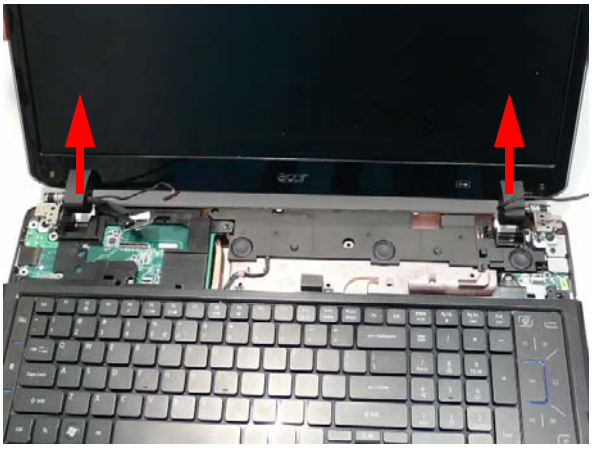


9. Remove the four screws securing the LCD Module to the Lower Cover.



Step	Size	Quantity	Screw Type
LCD Module	M2.5*6.5	4	

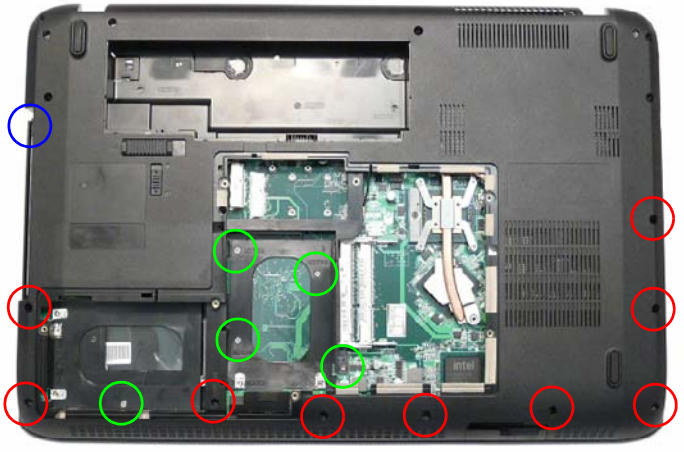
10. Using both hands, lift the LCD Module clear of the Lower Cover.



Removing the Upper Cover

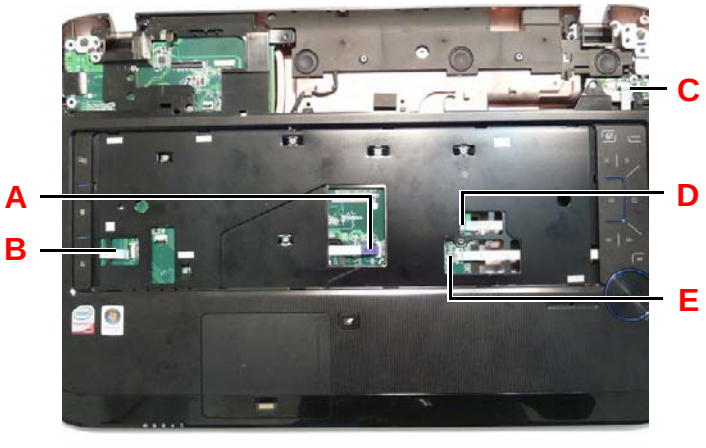
IMPORTANT: The TouchPad is supplied as part of the Upper Cover. If the TouchPad is defective, replace the entire Upper Cover.

1. See “Removing the LCD Module” on page 74.
2. Turn the computer over. Remove the fifteen screws on the bottom panel.



Step	Size	Quantity	Screw Type
Upper Cover (red callout)	M2.5*6.5	9	
Upper Cover (green callout)	M2.5*4	5	
Upper Cover (blue callout)	M2*3	1	

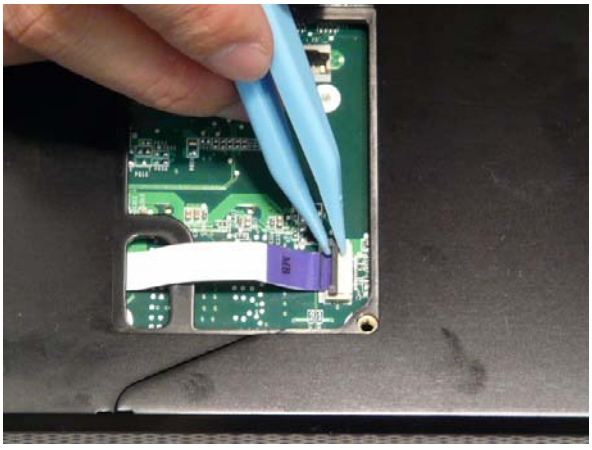
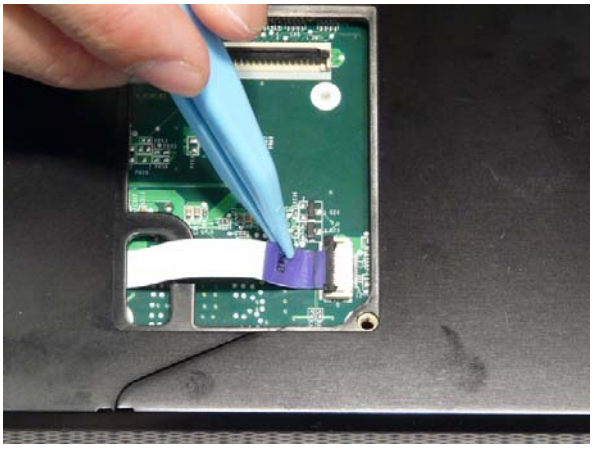
3. Disconnect the indicated FFCs (A, B, C, D, and E) from the Mainboard.



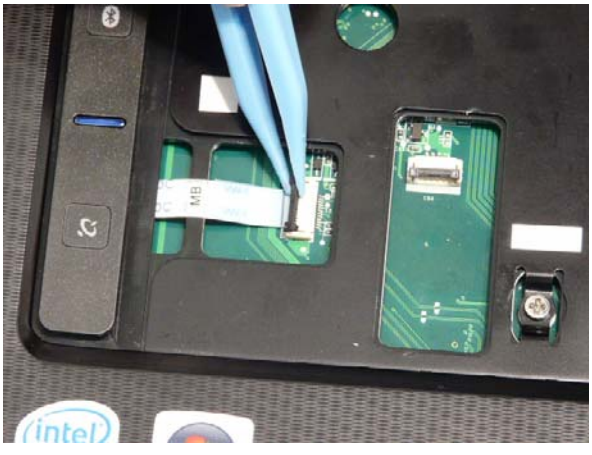
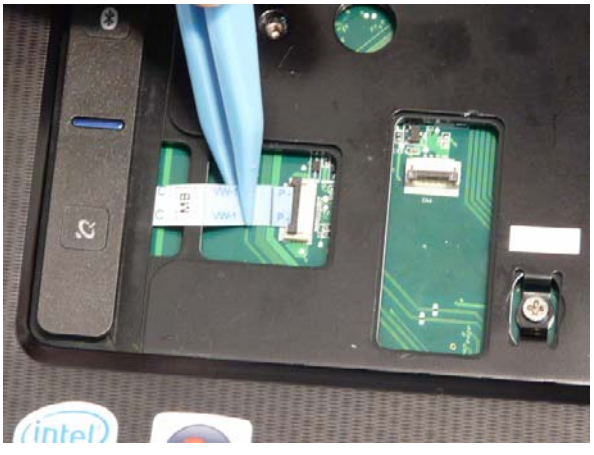
NOTE: Avoid pulling on cables directly to prevent damage to the connectors.

NOTE: Use the pull-tabs on FFC cables whenever available to prevent damage.

4. Open the locking latch on A and disconnect the FFC from the Mainboard.

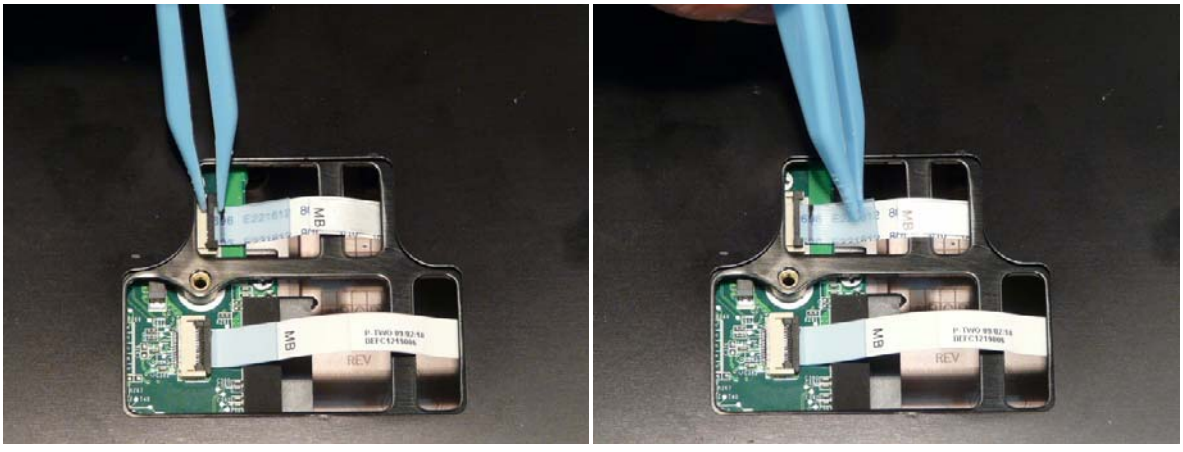



5. Open the locking latch on B and disconnect the FFC from the Mainboard.

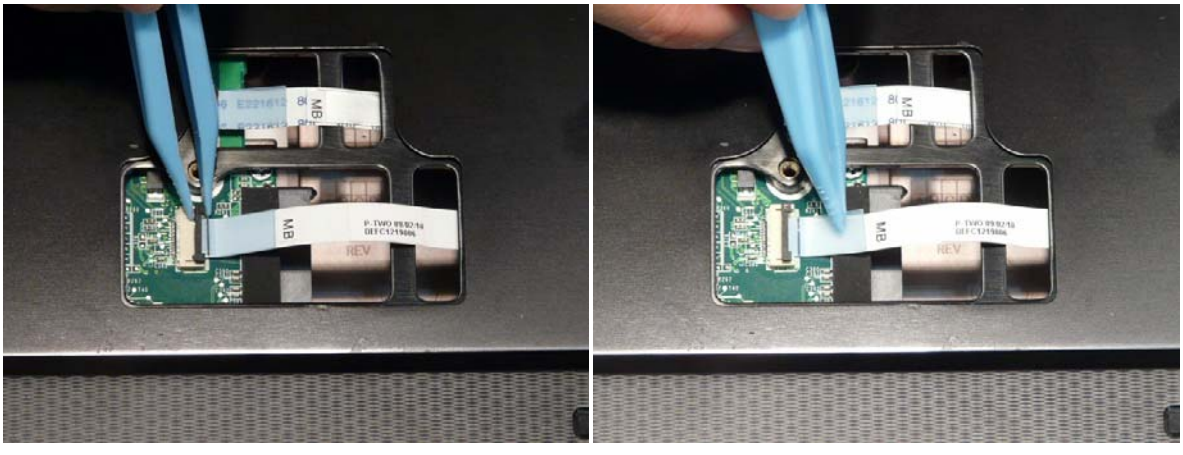



6. Open the locking latch on C and disconnect the FFC from the Mainboard.

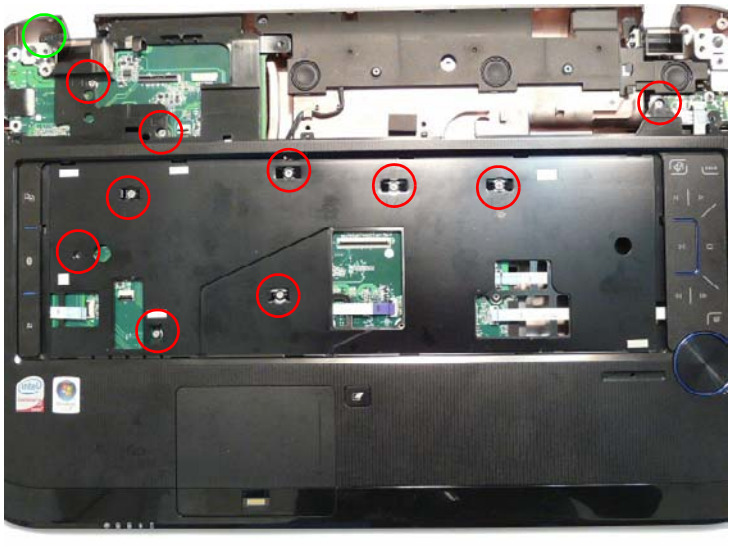

7. Open the locking latch on D and disconnect the FFC from the Mainboard.



8. Open the locking latch on E and disconnect the FFC from the Mainboard.



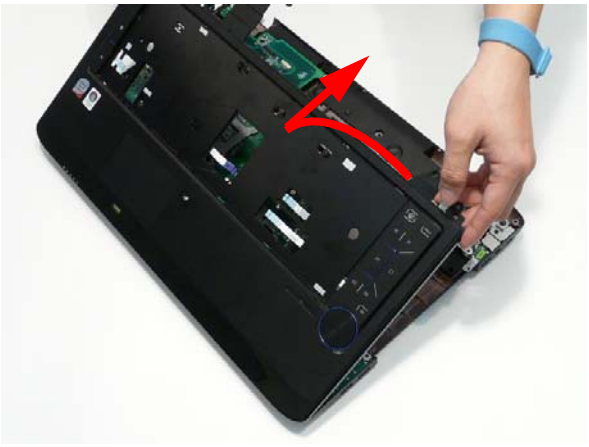
9. Remove the eleven screws securing the Upper Cover to the Lower Cover.



Step	Size	Quantity	Screw Type
Upper Cover (red callout)	M2.5*4	10	

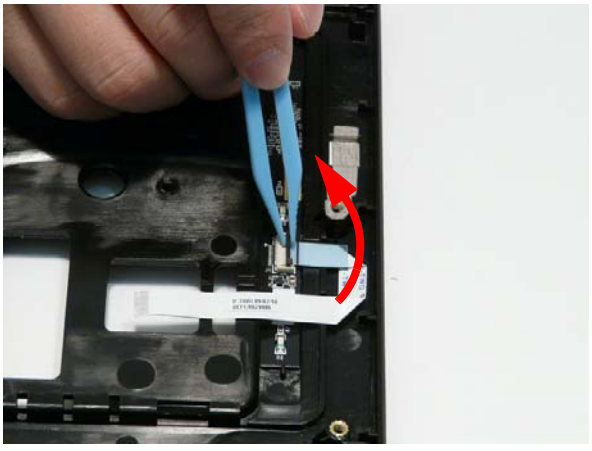
Step	Size	Quantity	Screw Type
Upper Cover (green callout)	M2*3	1	

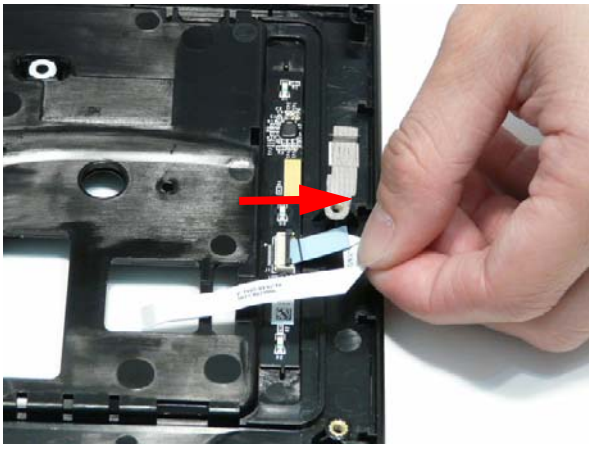
10. Remove the Upper Cover as shown.



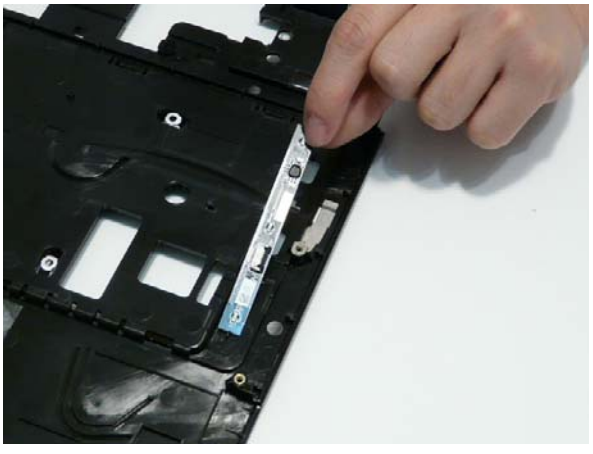
Removing the Launch Board

1. See “Removing the Upper Cover” on page 77.
2. Turn the Upper Cover over. Open the locking latch on the FFC and disconnect it from the Launch Board.





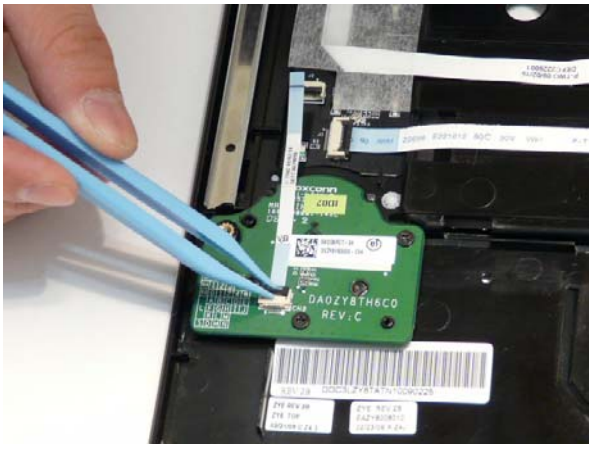
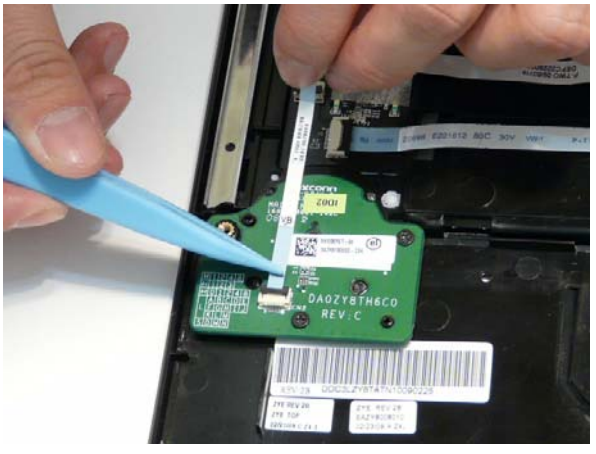
3. Remove the Launch Board from the Upper Cover



Removing the Volume Control Board

1. See “Removing the Upper Cover” on page 77.
2. Open the locking latch on the FFC and disconnect it from the Media Board.


3. Open the locking latch on the FFC and disconnect it from the Volume Control Board.

4. Remove the two screws securing the board to the Upper Cover.

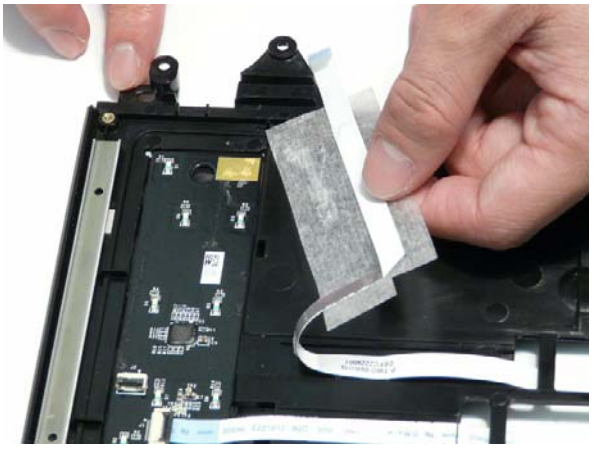
Step	Size	Quantity	Screw Type
Volume Control Board	M2*3	2	

5. Lift the board clear of the Upper Cover.

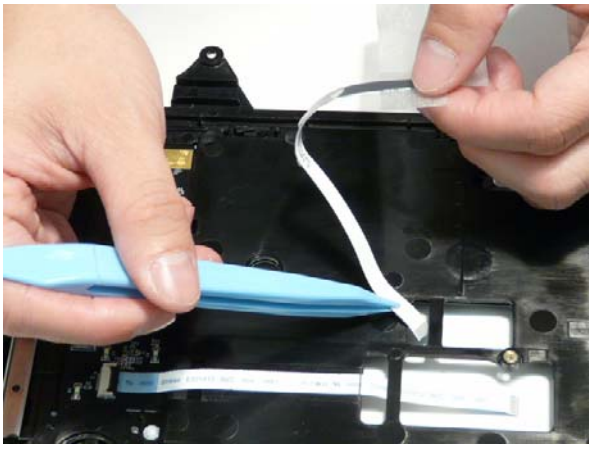
Removing the Power Saving Board FFC

1. See “Removing the Upper Cover” on page 77.
2. Lift the protective covering and FFC away from the Upper Cover to detach the adhesive.

3. Continue lifting the FFC away from the Upper Cover as shown.

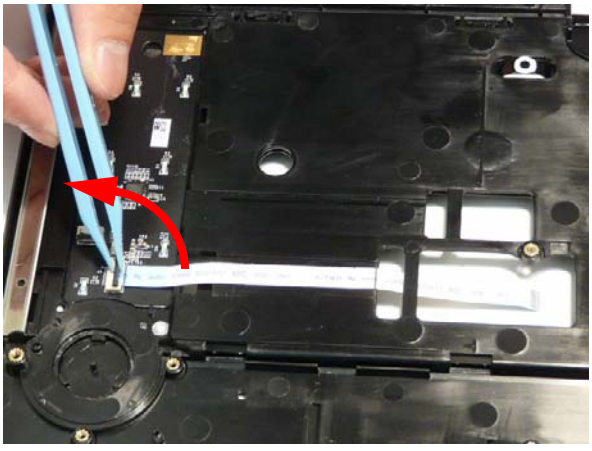


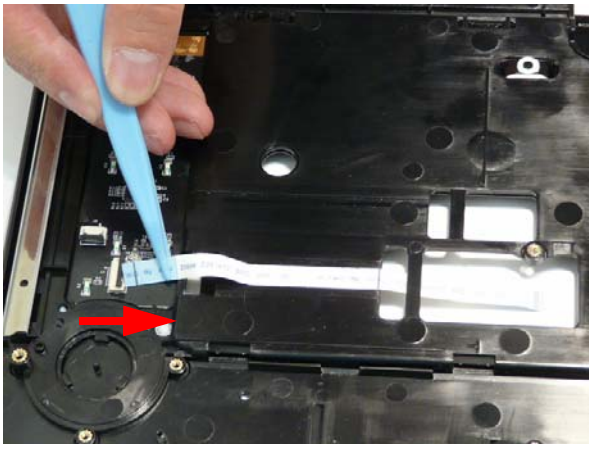
4. Remove the FFC from the Upper Cover.



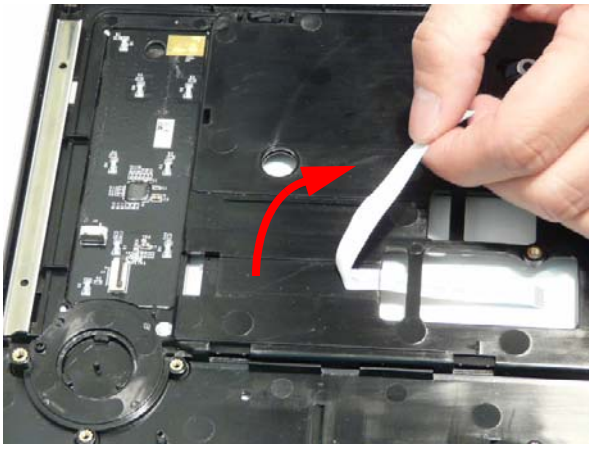
Removing the Media Board

1. See “Removing the Upper Cover” on page 77.
2. Open the locking latch on the FFC and disconnect it from the Media Board.





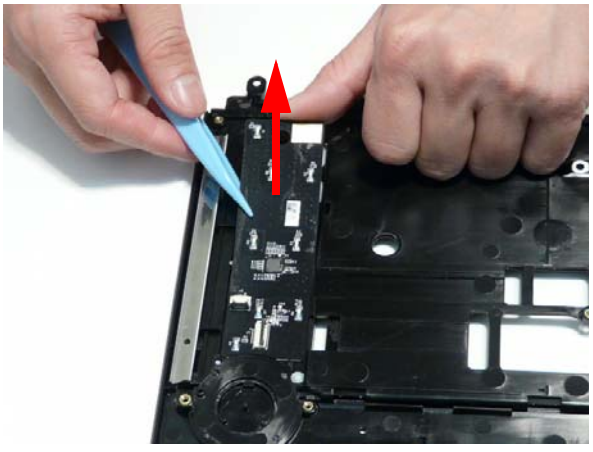
3. Remove the FFC from the Upper Cover by peeling back the adhesive as shown.



4. Carefully pry up the edge of the Media Board as shown.

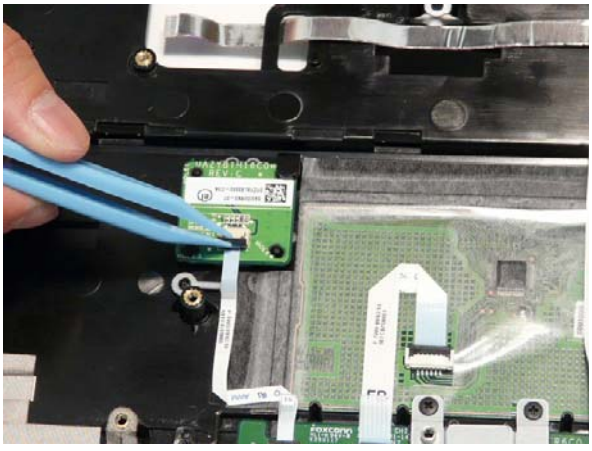
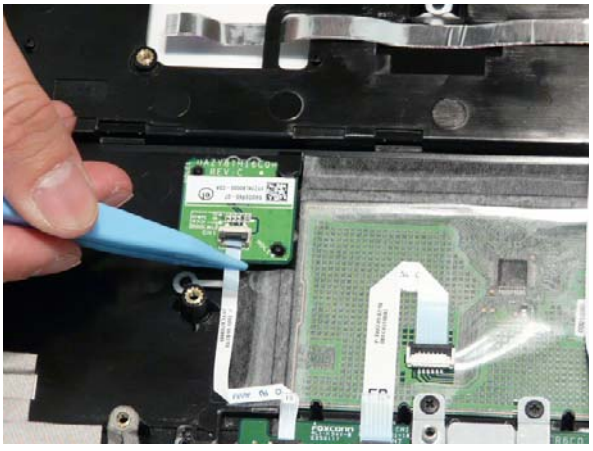
   NOTE: The Media Board is secured in place with strong adhesive; ensure that the board is not deformed during removal.

5. Lift the Media Board clear of the Upper Cover.

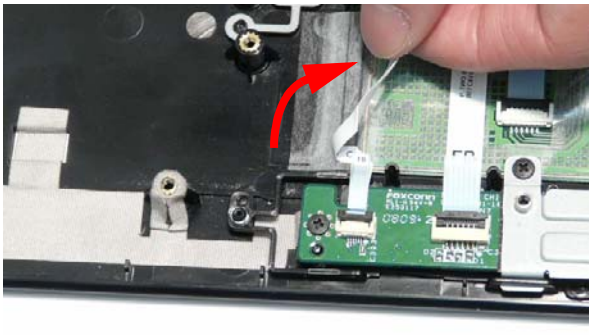


Removing the TouchPad Lock Board

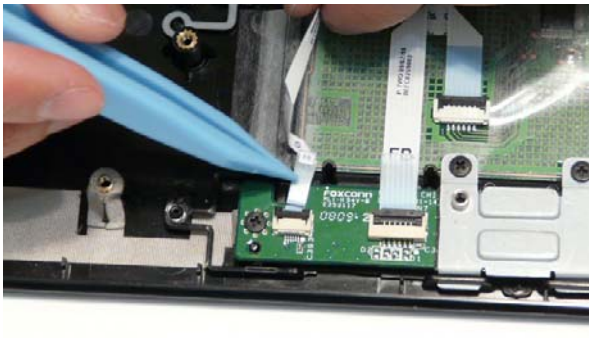
1. See “Removing the Upper Cover” on page 77.
2. Open the locking latch on the FFC and disconnect it from the TouchPad Lock Board.

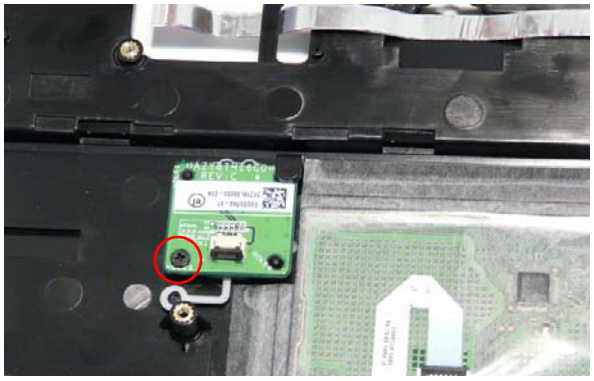
3. Lift the FFC away from the Upper Cover to detach the adhesive securing it in place.



4. Open the locking latch on the FFC and disconnect it from the Finger Print Reader.

5. Remove the single screw securing the board to the Upper Cover.

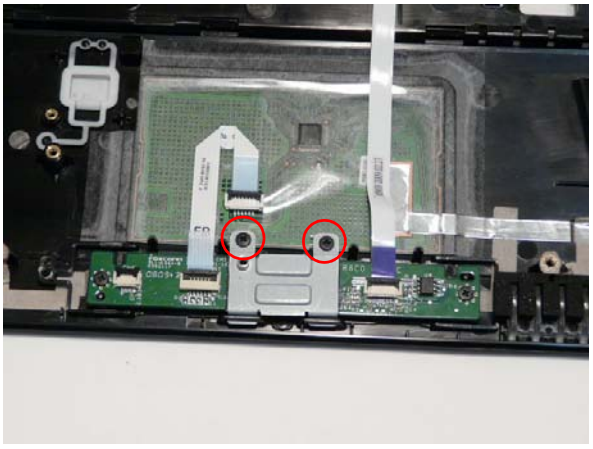


Step	Size	Quantity	Screw Type
TouchPad Lock Board	M2*3	1	

6. Lift and rotate the board in the direction of the arrow to remove it from the Upper Cover.

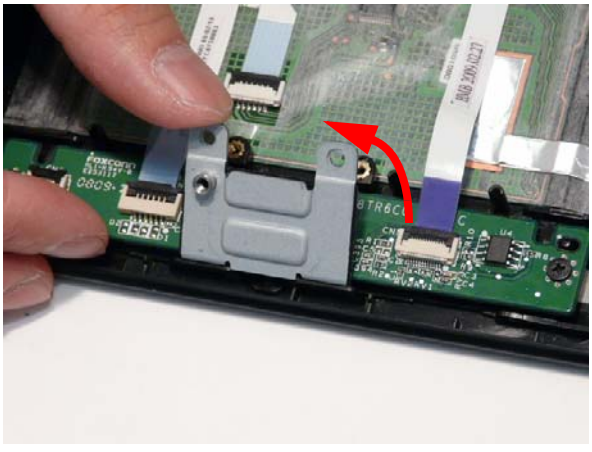
Removing the Finger Print Reader Bracket

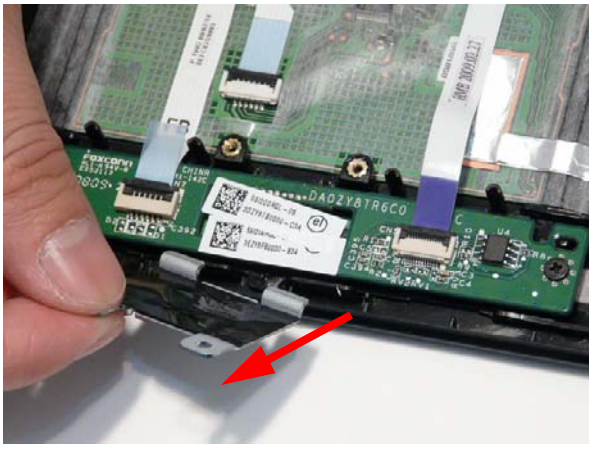
1. See “Removing the Upper Cover” on page 77.
2. Remove the two screws securing the bracket to the Upper Cover.



Step	Size	Quantity	Screw Type
Finger Print Reader Bracket	M2*3	2	

3. Rotate the bracket away from the Upper Cover and remove it as shown.

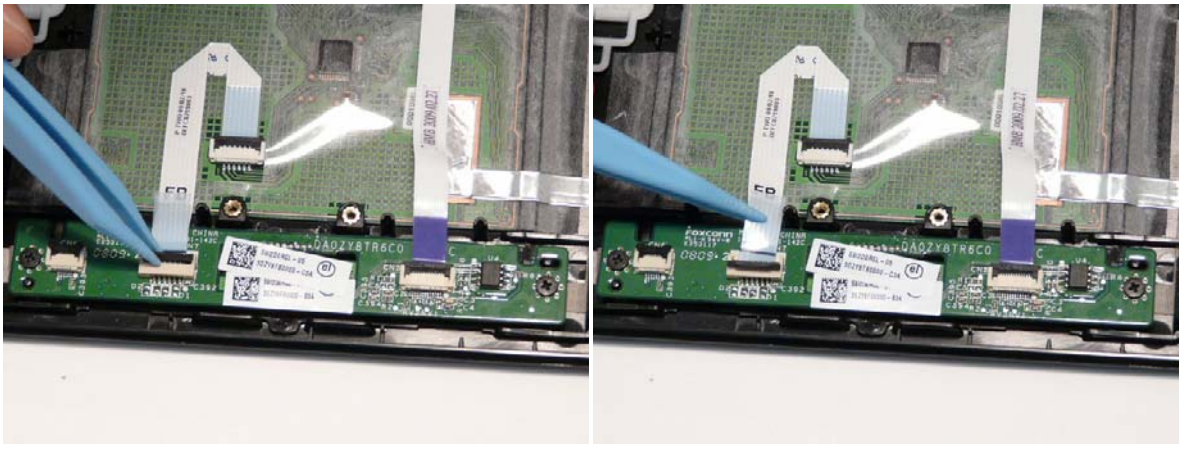




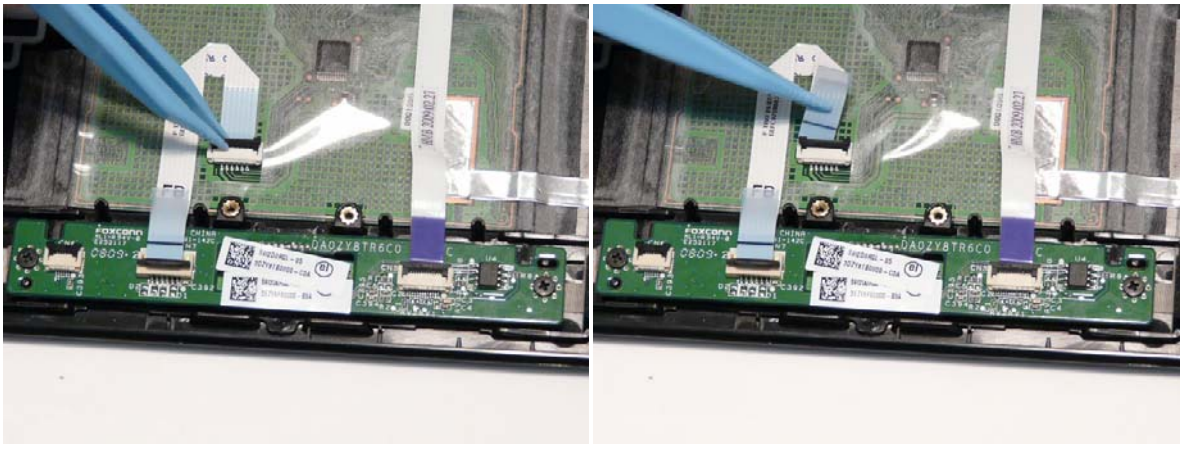
Removing the TouchPad Board

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

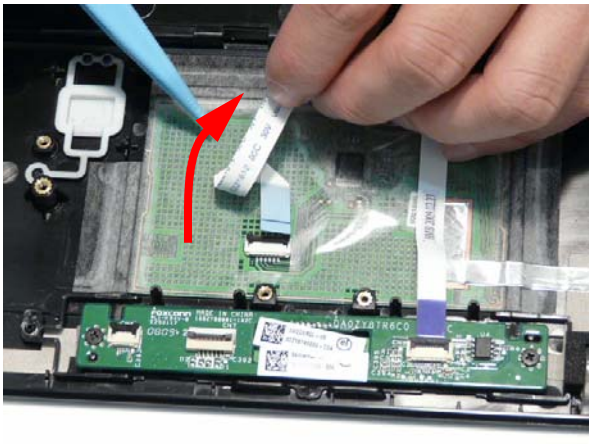
1. See “Removing the Finger Print Reader Bracket” on page 89.
2. Open the locking latch on the FFC and disconnect it from the TouchPad Board.



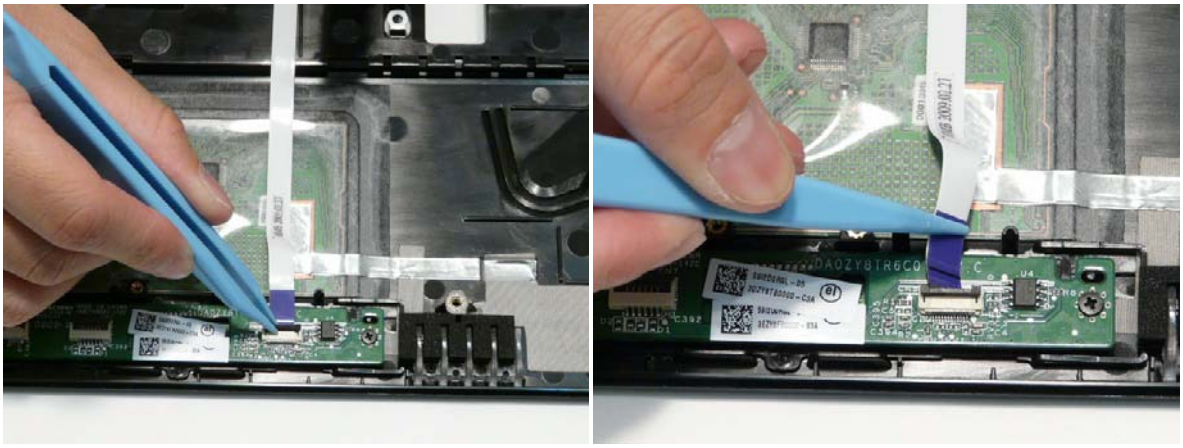
3. Open the locking latch on the FFC and disconnect it from the TouchPad.



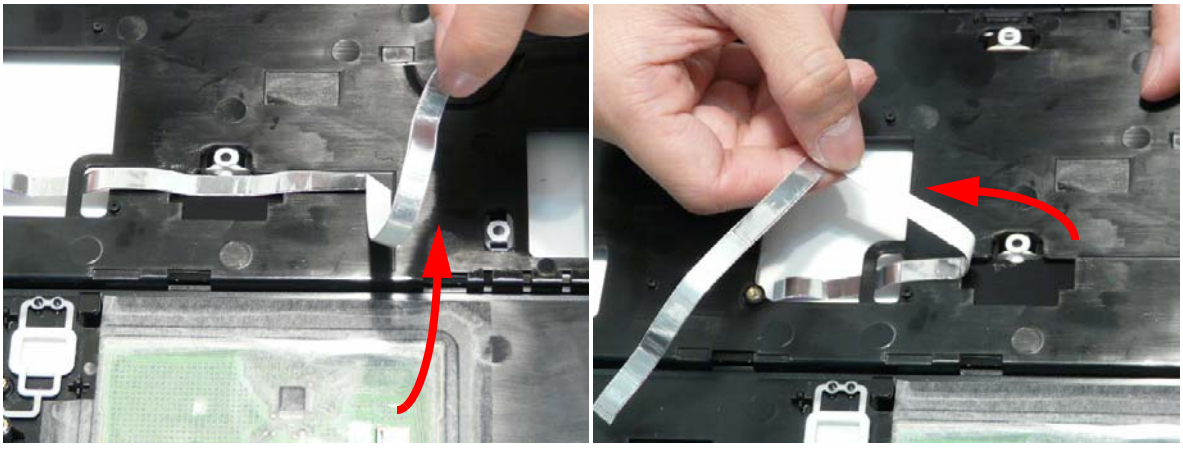
4. Remove the FFC from the Upper Cover as shown.



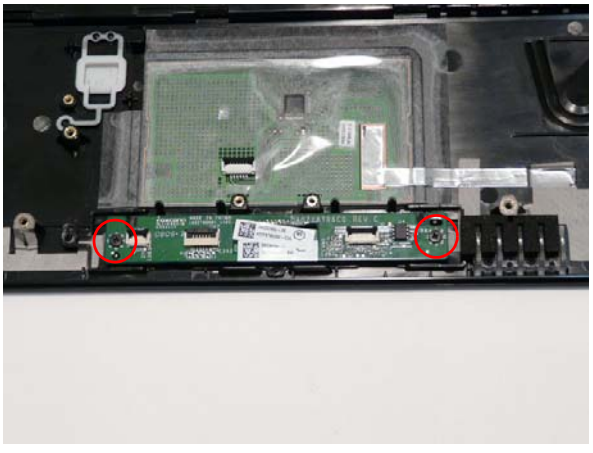
5. Open the locking latch on the FFC and disconnect it from the TouchPad Board.



6. Remove the FFC from the Upper Cover as shown.

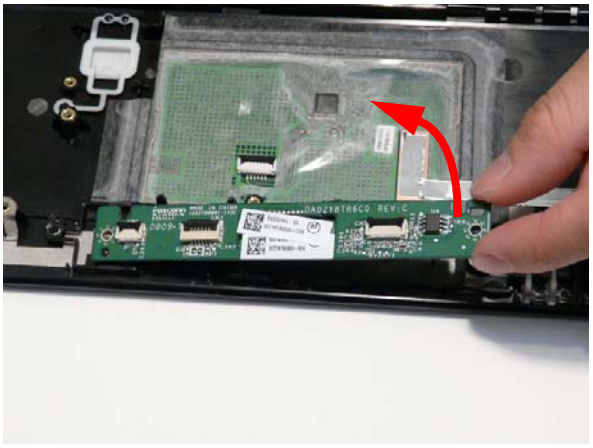


7. Remove the two screws securing the TouchPad Board in place.



Step	Size	Quantity	Screw Type
Finger Print Reader	M2*3	2	

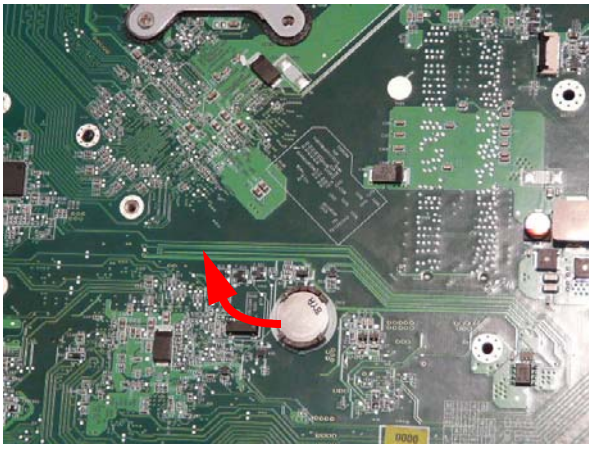
8. Lift the board clear of the Upper Cover.



Removing the RTC Battery

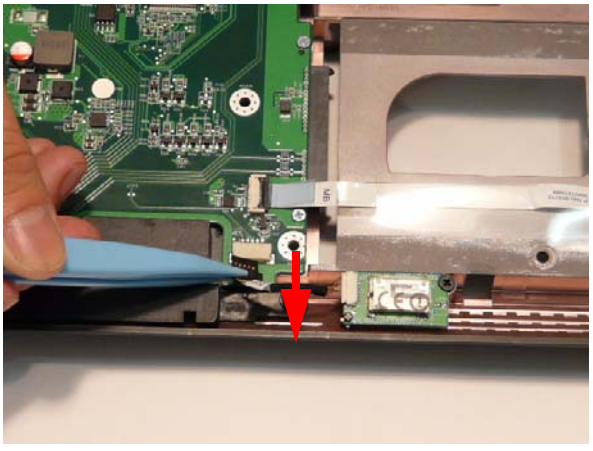
IMPORTANT: Follow local regulations for disposal of all batteries.

1. See “Removing the Upper Cover” on page 77.
2. To replace the battery, pry the existing battery out of the Mainboard and press a replacement down firmly in to the socket.

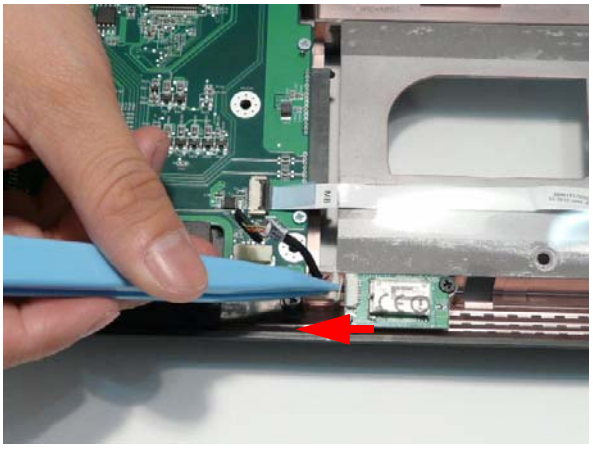


Removing the Bluetooth Board

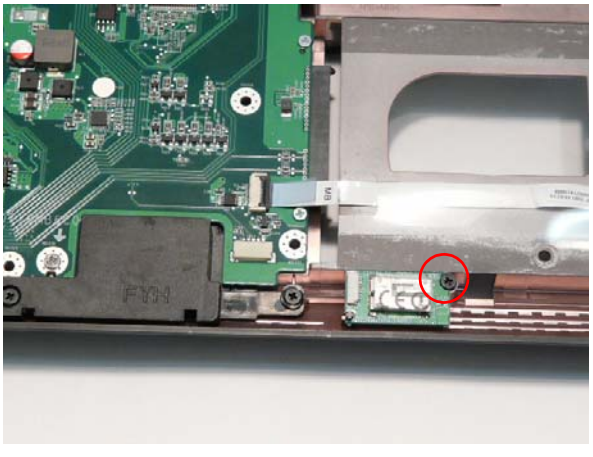
1. See “Removing the Upper Cover” on page 77.
2. Disconnect the Bluetooth cable from the Mainboard.



3. Disconnect the Bluetooth cable from the Bluetooth Board.

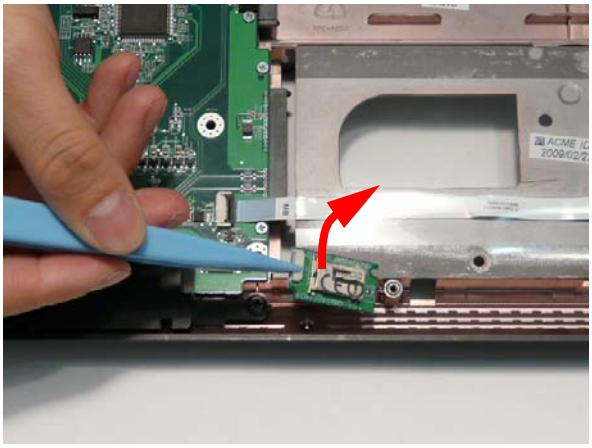


4. Remove the single screw securing the Bluetooth Board to the Lower Cover.



Step	Size	Quantity	Screw Type
Bluetooth Board	M2*3	1	

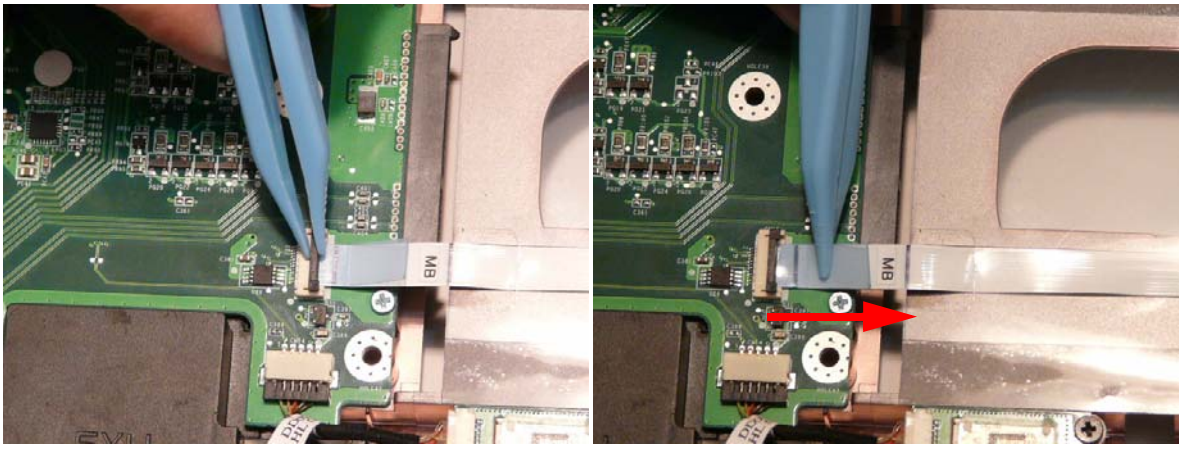
5. Remove the Bluetooth Board from the Lower Cover.



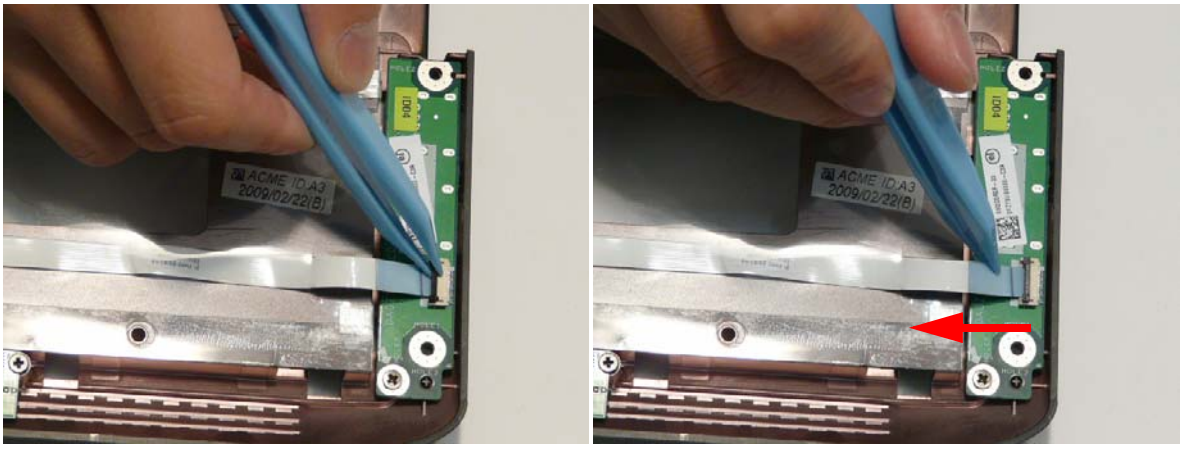
Removing the USB Board

IMPORTANT: The USB FFC is supplied as part of the Lower Cover. If the USB FFC is defective, replace the entire Lower Cover.

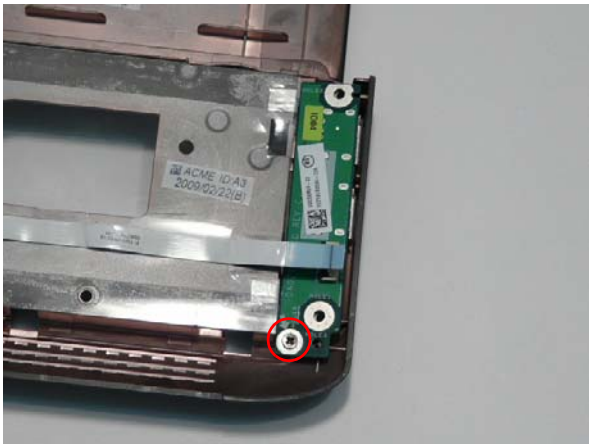
1. See “Removing the Upper Cover” on page 77.
2. Open the locking latch on the FFC and disconnect it from the Mainboard.



3. Open the locking latch on the FFC and disconnect it from the USB Board.



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



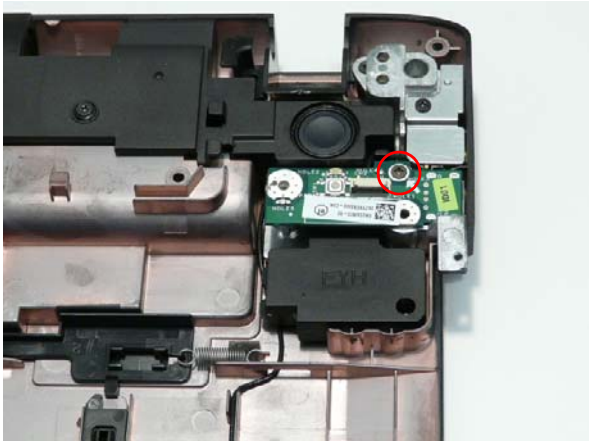
Step	Size	Quantity	Screw Type
USB Board	M2.5*4	1	

5. Remove the USB Board from the Lower Cover as shown.

IMPORTANT: The USB FFC is supplied as part of the Lower Cover. If the USB FFC is defective, replace the entire Lower Cover.

Removing the Power Saving Board

1. See “Removing the Upper Cover” on page 77.
2. Remove the single securing screw from the board.

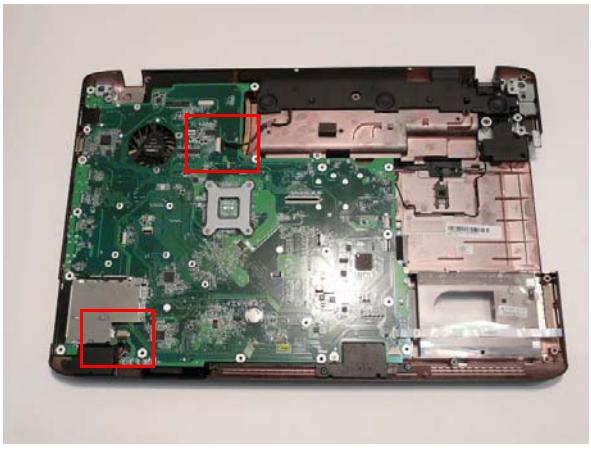


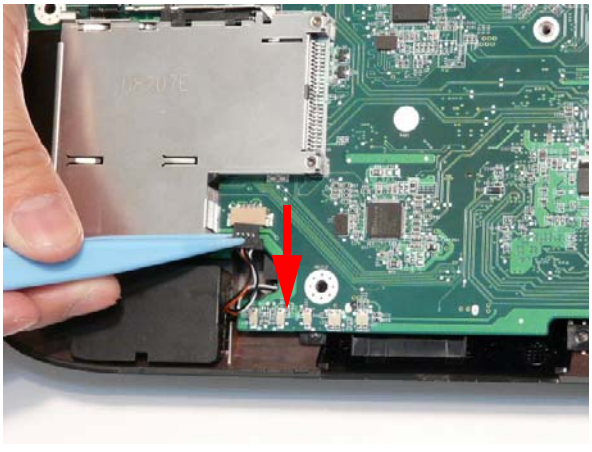
Step	Size	Quantity	Screw Type
Power Saving Board	M2.5*4	1	

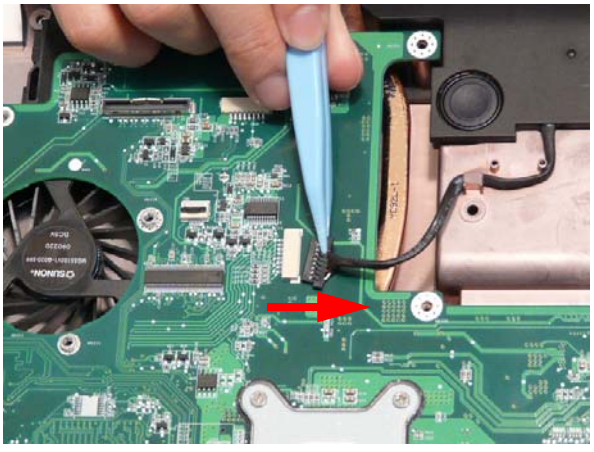
3. Remove the board from the chassis.

Removing the Mainboard

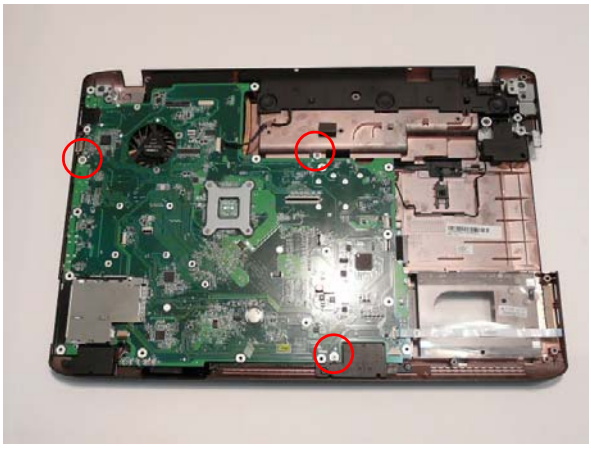
1. See “Removing the Hinge Supports” on page 105.
2. Disconnect the Speaker and Subwoofer cables from the Mainboard.





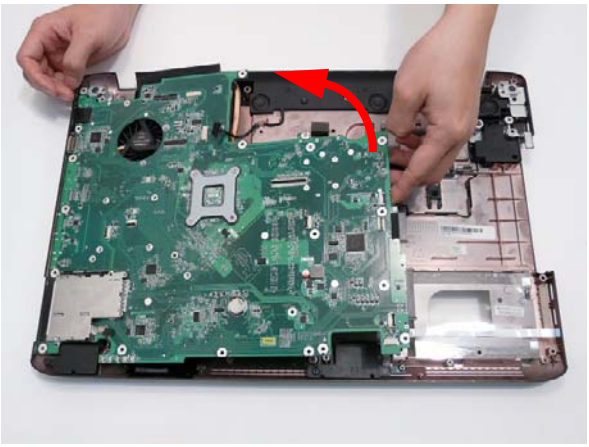


3. Remove the three screws securing the Mainboard to the Lower Cover.



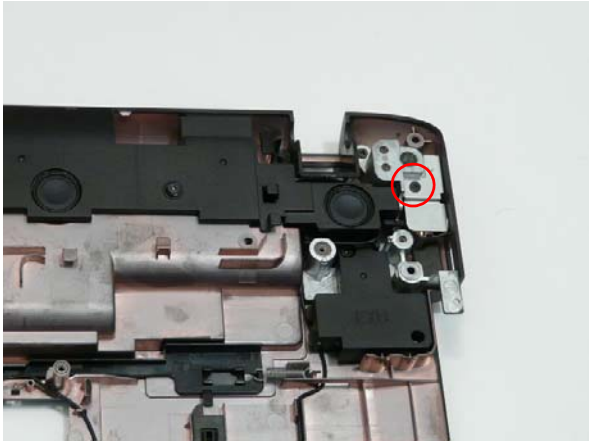
Step	Size	Quantity	Screw Type
Mainboard	M2.5*4	3	

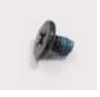
4. Pivot the Mainboard upward and remove it from the chassis, right side first. Place the Mainboard on a clean, dust-free surface.



Removing the Kensington Lock Bracket

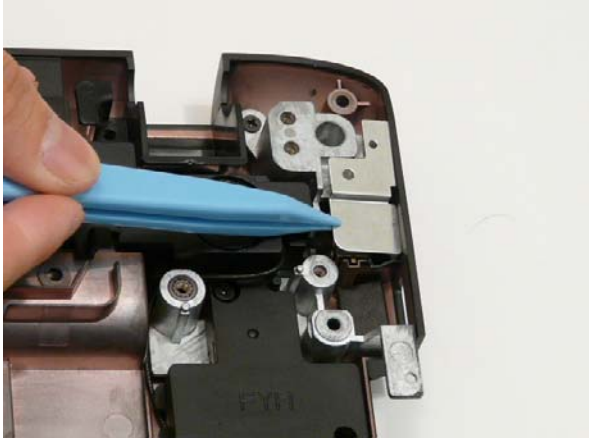
1. See “Removing the Upper Cover” on page 77.
2. Remove the single screw securing the Kensington Lock Bracket to the Lower Cover.



Step	Size	Quantity	Screw Type
Kensington Lock Bracket	M2*3	1	

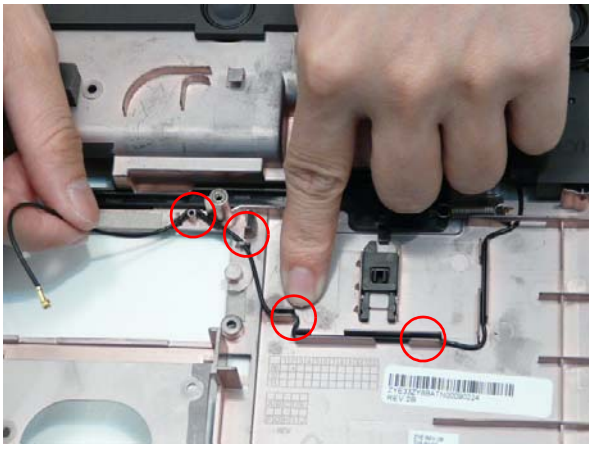
3. Lift the bracket clear of the Lower Cover.

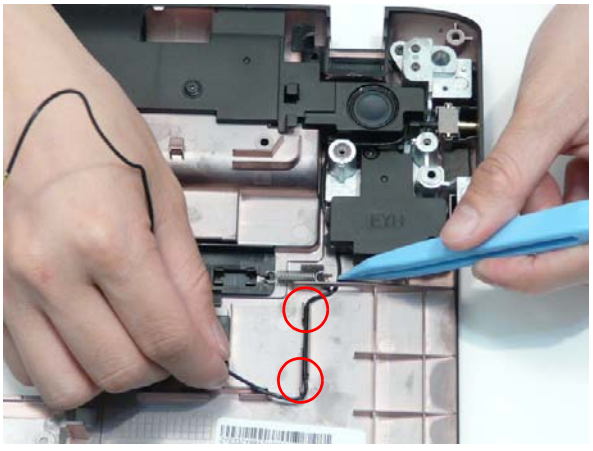
   NOTE: The TV Tuner Antenna located under the bracket may lift away with the bracket.



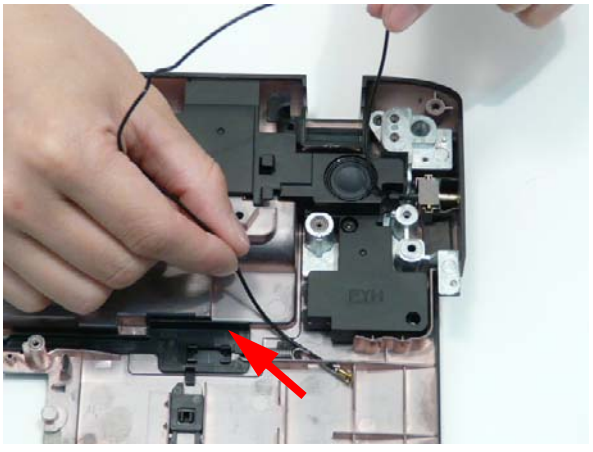
Removing the TV Tuner Antenna

1. See “Removing the Kensington Lock Bracket” on page 101.
2. Remove the Antenna cable from the cable channel as shown. Ensure that the cable is free from all cable clips.

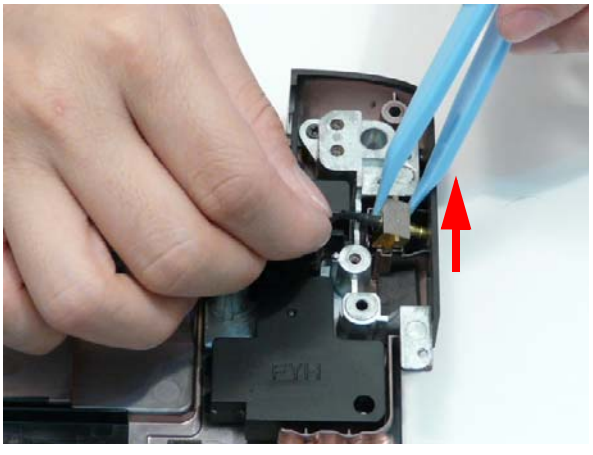




3. Pull the Antenna cable through the casing as shown.

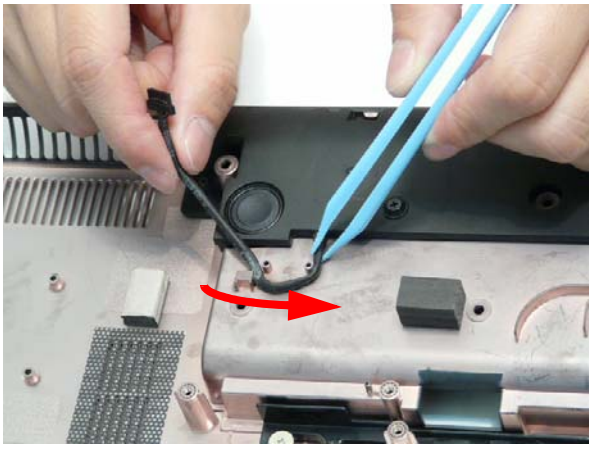


4. Remove the TV Tuner Antenna from the Lower Cover.



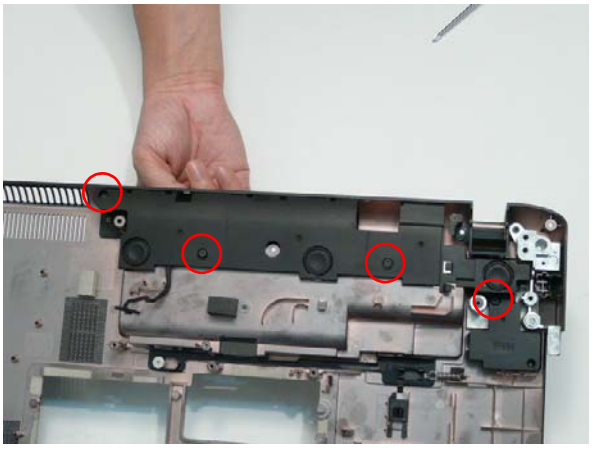
Removing the Subwoofer

1. See “Removing the TV Tuner Antenna” on page 102.
2. Remove the Subwoofer cable from the cable channel. Ensure that the cable is free from all cable clips.



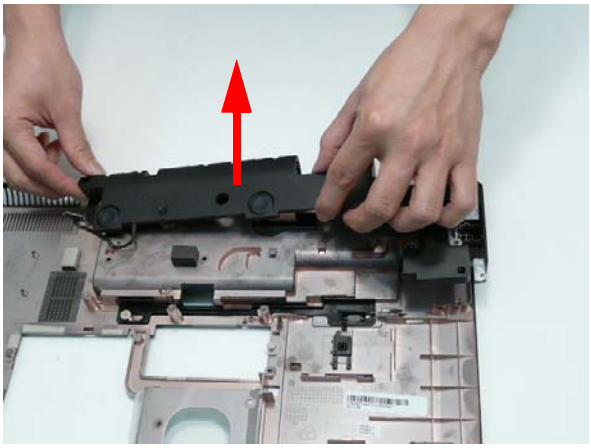
3. Remove the four screw securing the Subwoofer to the Lower Cover.

NOTE: The screws securing the Subwoofer in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



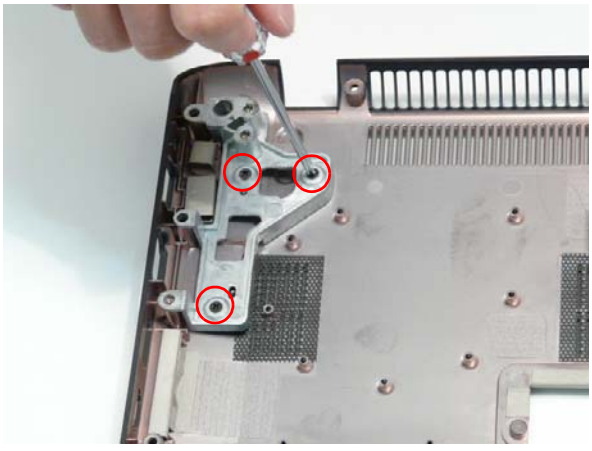
Step	Size	Quantity	Screw Type
Subwoofer	M2*3	4	

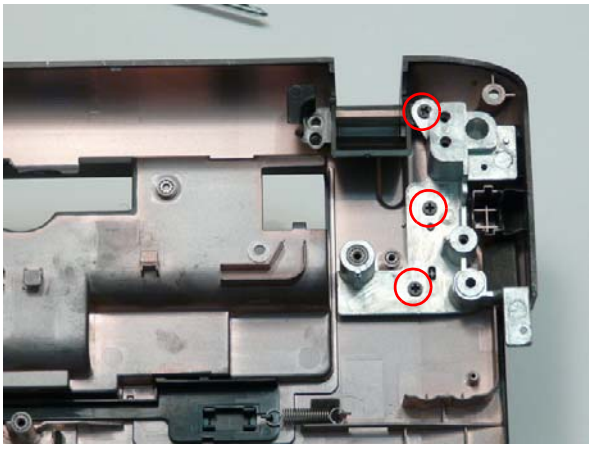
4. Using both hands, lift the Subwoofer clear of the Lower Cover.



Removing the Hinge Supports

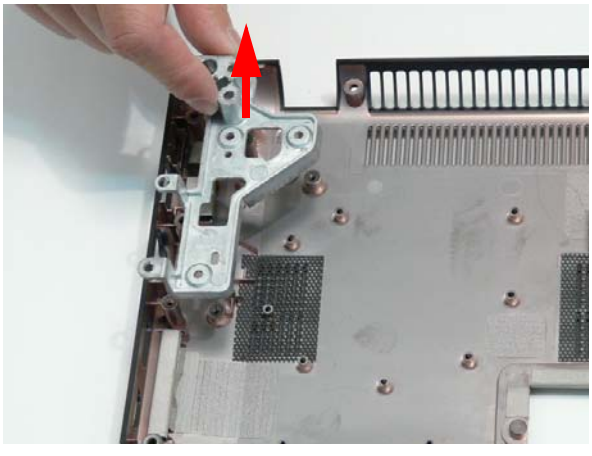
1. See “Removing the Subwoofer” on page 103.
2. Remove the six screws (three each side) securing the Hinge Supports to the Lower Cover.

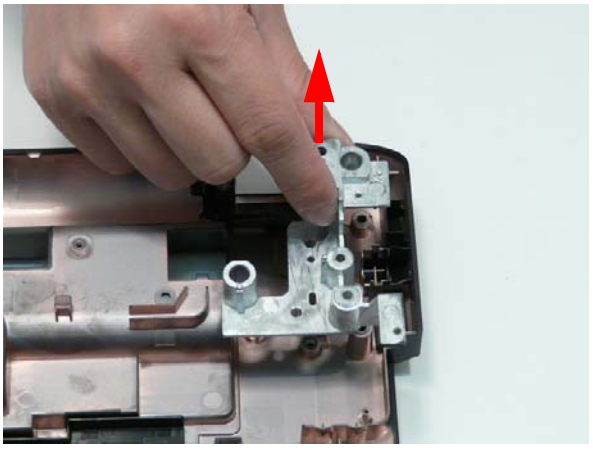




Step	Size	Quantity	Screw Type
Hinge Supports	M2.5*4	6	

3. Lift the Hinge Supports clear of the Lower Cover.

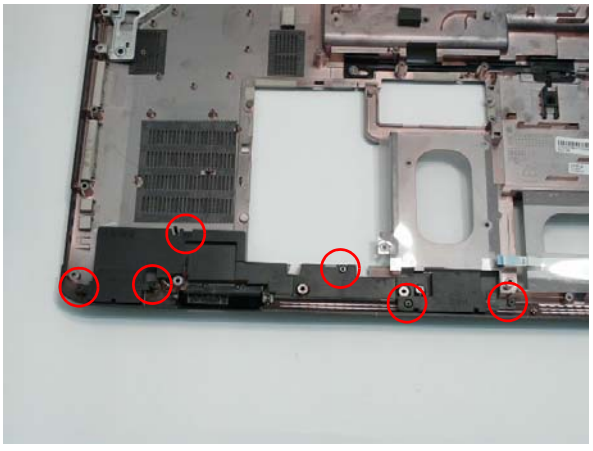




Removing the Speaker Module

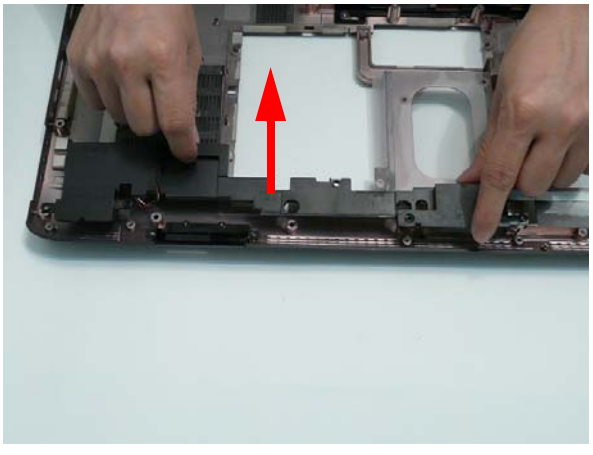
1. See “Removing the Mainboard” on page 99.
2. Remove the six screws securing the Speaker Module in place.

   NOTE: The screws securing the Speaker Module in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



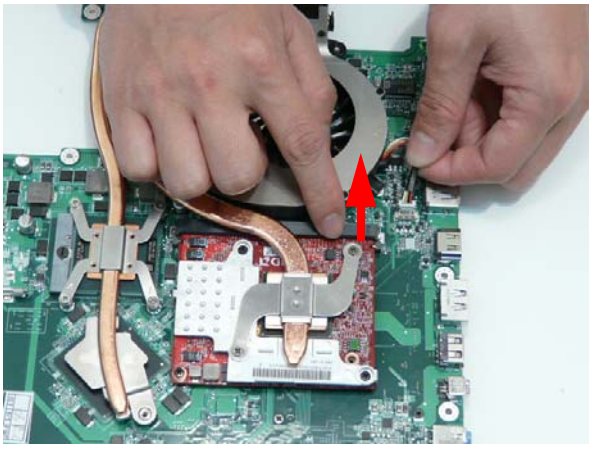
Step	Size	Quantity	Screw Type
Speaker Module	M2*3	6	

3. Using both hands, lift the Speaker Module upward to remove it from the Lower Cover.

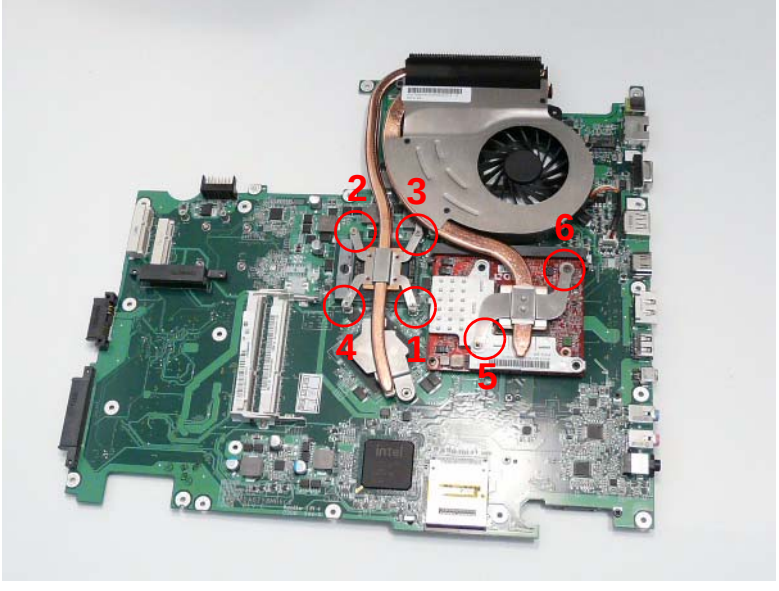


Removing the Thermal Module

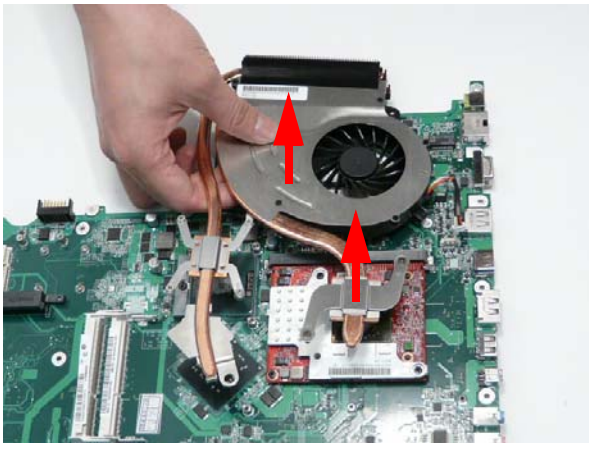
1. See “Removing the Mainboard” on page 99.
2. Disconnect the fan cable from the Mainboard.



3. Loosen the six captive screws (in reverse numerical order from screw 6 to screw 1) securing the Thermal Module in place.

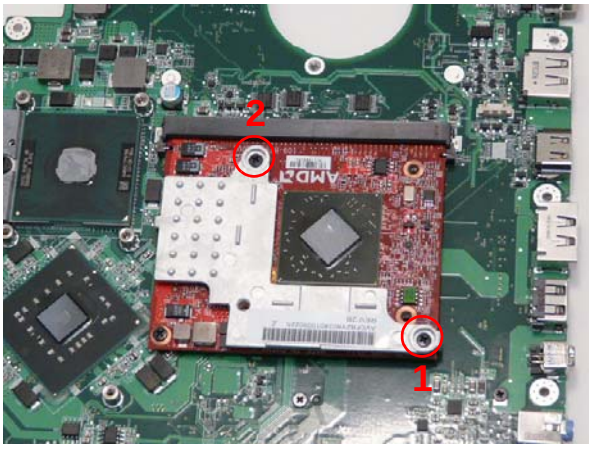


4. Lift the Thermal Module clear of the Mainboard.



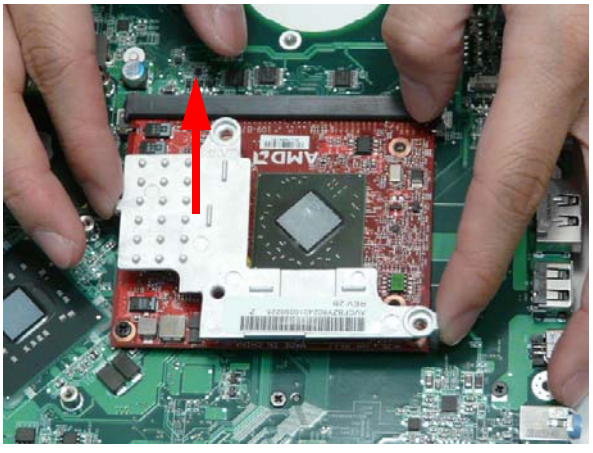
Removing the Graphics Card Heatsink

1. See “Removing the Thermal Module” on page 107.
2. Remove the two screws (in reverse numerical order from 2 to 1) securing the Graphics Card Heatsink to the Mainboard.



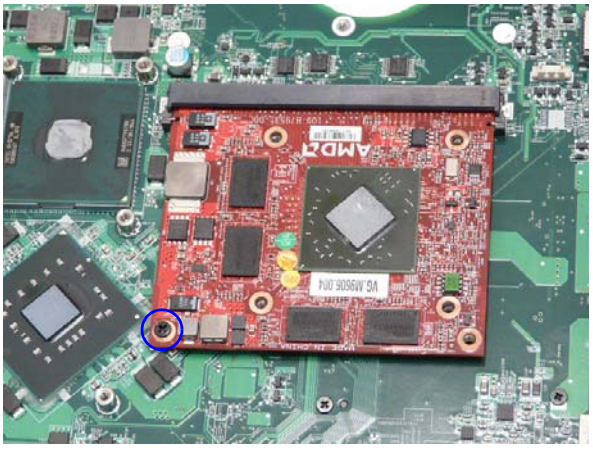
Step	Size	Quantity	Screw Type
Graphics Card Heatsink	M2.5*6.5	2	

3. Lift the heatsink away from the Graphics Card as shown.



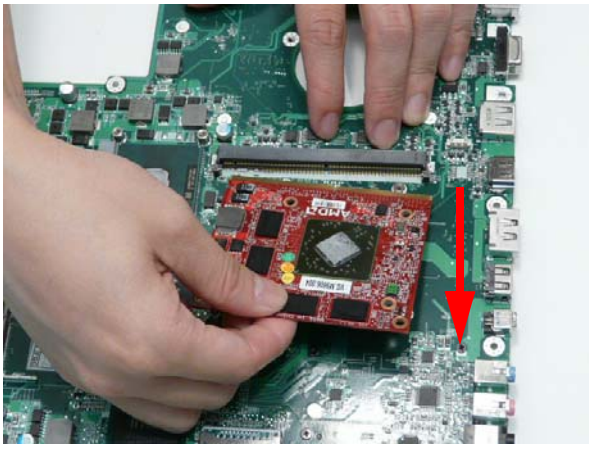
Removing the Graphics Card

1. See “Removing the Graphics Card Heatsink” on page 108.
2. Remove the single screw securing the Graphics Card to the Mainboard.



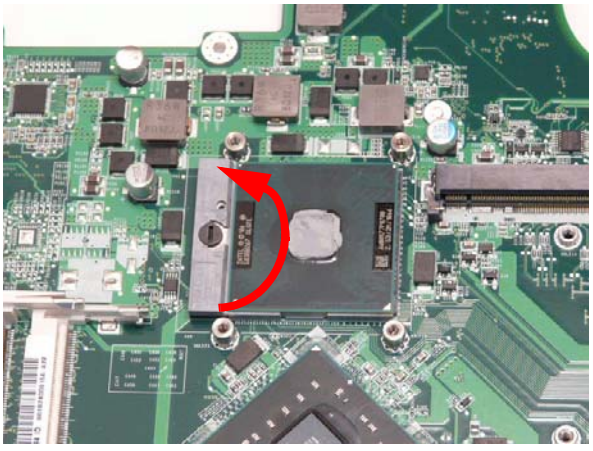
Step	Size	Quantity	Screw Type
Graphics Card	M2.5*6.5	1	

3. Remove the Graphics Card from the Mainboard connector.



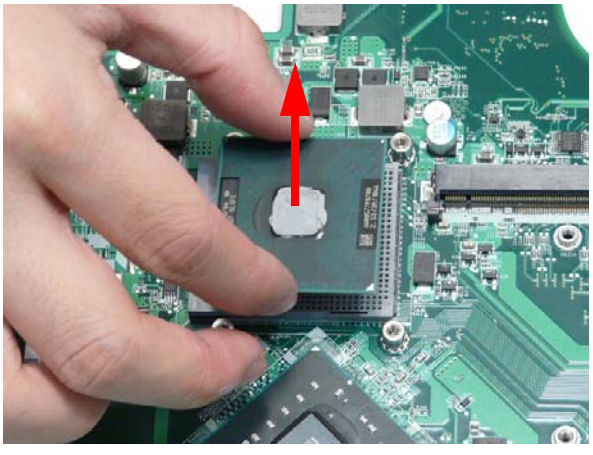
Removing the CPU

1. See “Removing the Thermal Module” on page 107.
2. Turn the securing screw 180° to release the CPU from the socket.



3. Remove the CPU from the socket as shown.

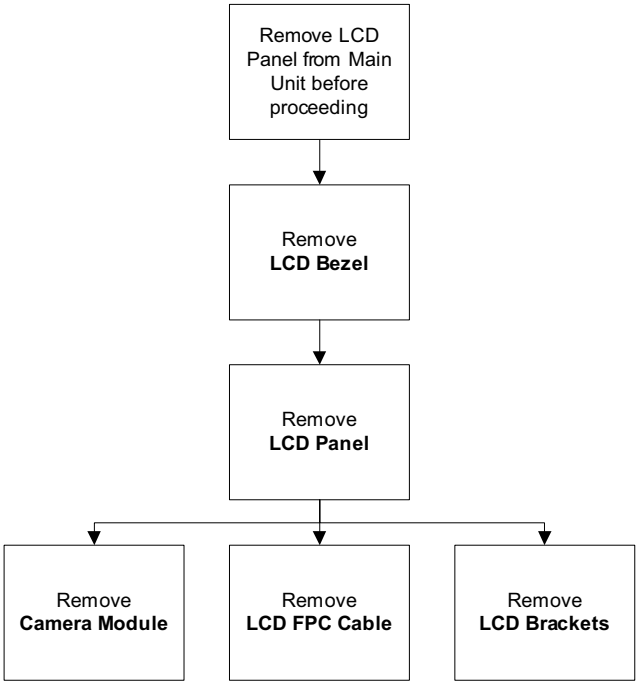
IMPORTANT: The pins on the underside of the CPU are very delicate. If they are damaged, the CPU may malfunction. Place the CPU on a clean, dry surface when it is not installed.



LCD Module Disassembly Process

The Aspire 8940 ships with either a Standard Bezel or Flush Bezel with glass panel LCD Module. The following sections detail the two distinct procedures, beginning with the Standard Bezel detailed below.

Standard Bezel LCD Module Disassembly Flowchart



Screw List

Step	Screw	Quantity	Part No.
LCD Bezel	M2.5*4	2	86.N1407.003
	M2.5*5	2	86.ARE07.004
LCD Panel	M2.5*4	6	86.N1407.003
	M2*3	1	86.S0207.001
LCD Brackets	M2*3	8	86.S0207.001

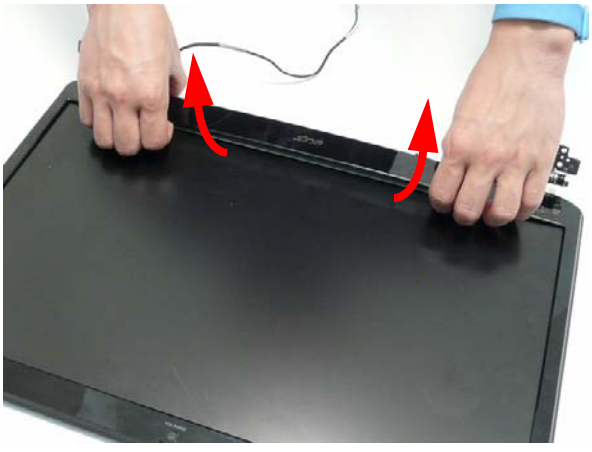
Removing the Standard LCD Bezel

1. See “Removing the LCD Module” on page 74.

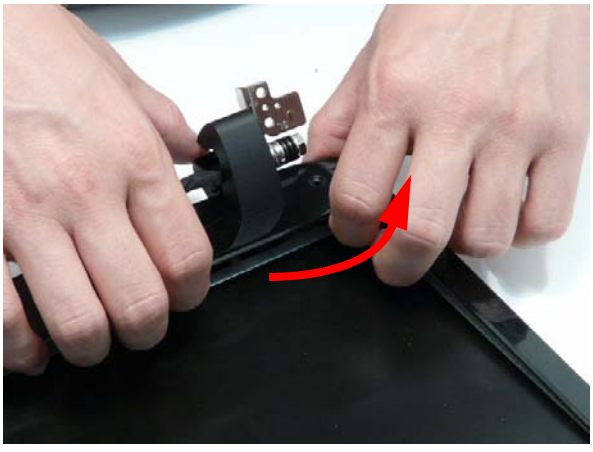
2. Remove the four screw caps and screws from the LCD Bezel.

Step	Size	Quantity	Screw Type
Standard LCD Bezel (red callout)	M2.5*4	2	
Standard LCD Bezel (green callout)	M2.5*5	2	

3. Starting from the inside bottom edge, pry the Bezel away from the panel. Move along the bottom edge toward the hinges as shown.



4. Pry apart the right the left hinge wells as shown.

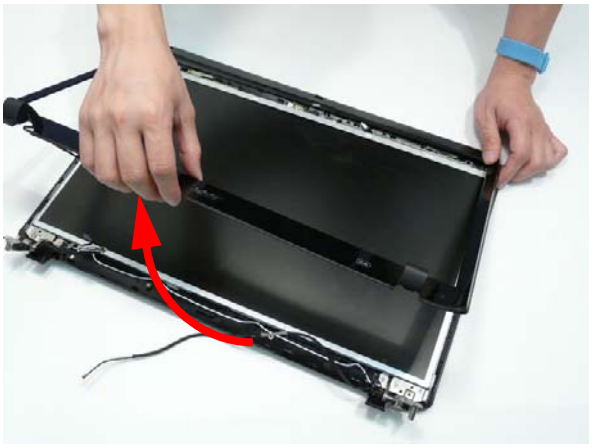
5. Pry apart the upper right and left corners of the bezel.


6. Pry apart the top edge of the bezel as shown.

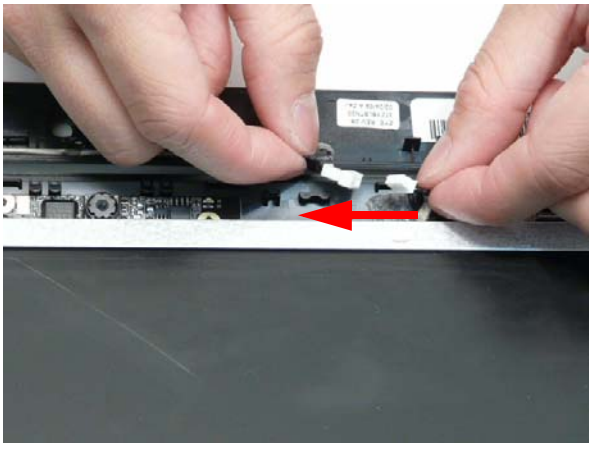
7. Lift the bottom edge of the bezel away from the LCD Module as shown.

IMPORTANT: Do not completely remove the bezel; the Microphone cable is still attached to the bezel.

8. Flip the bezel over to expose the Microphone cable and module.



9. Disconnect the Microphone cable connector as shown and remove the bezel from the LCD Module.



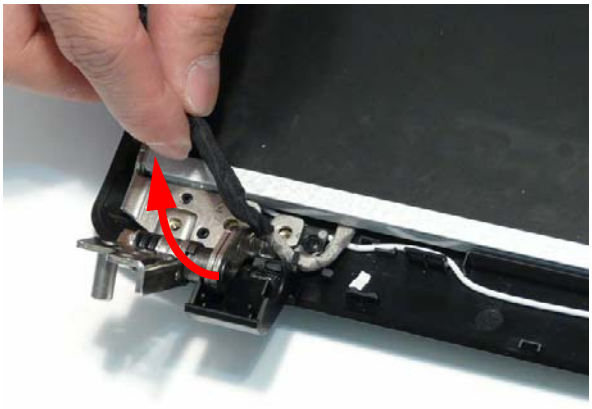
Removing the LCD Panel

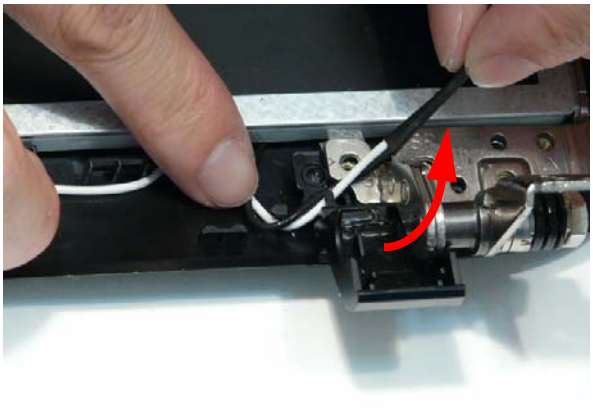
1. See “Removing the Standard LCD Bezel” on page 112.
2. Remove the seven screws securing the LCD Panel to the cover.

NOTE: The six bracket screws are numbered from 1 to 3 on each bracket. Remove the screws in reverse order from 3 to 1.

Step	Size	Quantity	Screw Type
LCD Panel (red callout)	M2.5*4	6	
LCD Panel (green callout)	M2*3	1	

3. Remove the LVDS and Antenna cables from the left and right hinge wells as shown. Ensure that the cables are free from all cable clips.

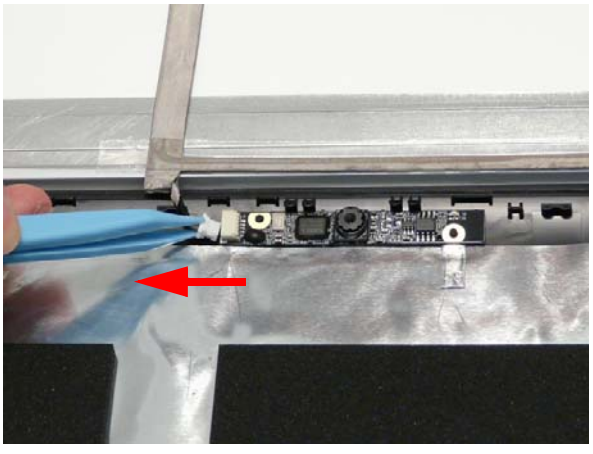




4. Lift the panel front edge first as shown and flip it over to expose the Camera Module.

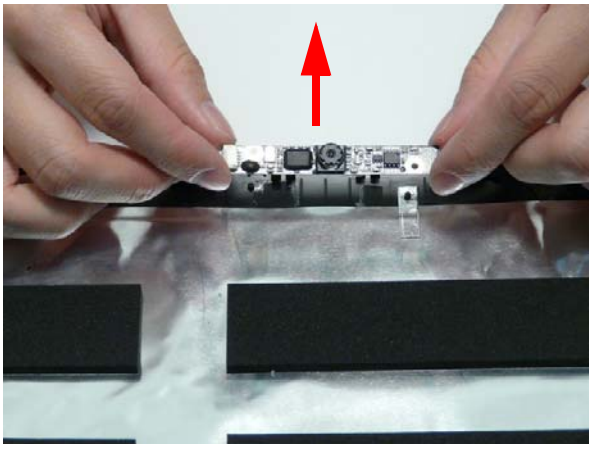
IMPORTANT: Do not completely remove the panel; the Camera cable is still attached to the back of the panel.

5. Disconnect the Camera connector as shown and remove the panel from the LCD cover.



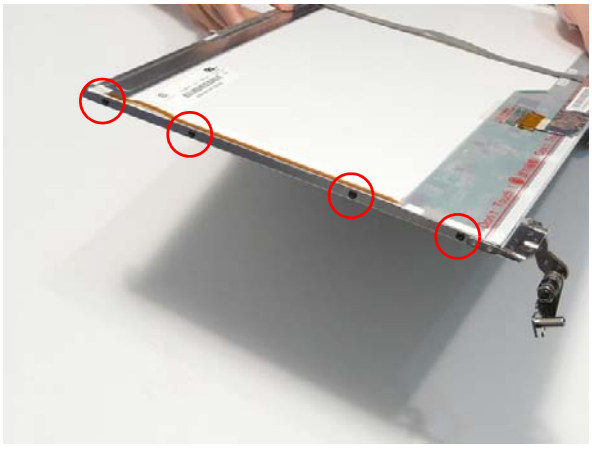
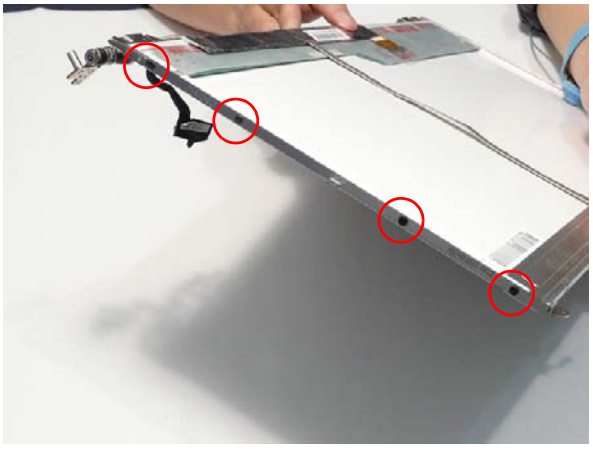
Removing the Camera Board

1. See “Removing the LCD Panel” on page 115.
2. Remove the Camera Board from the LCD Module.



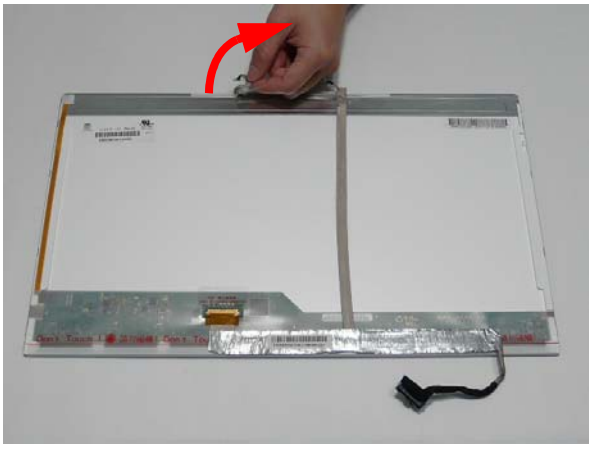
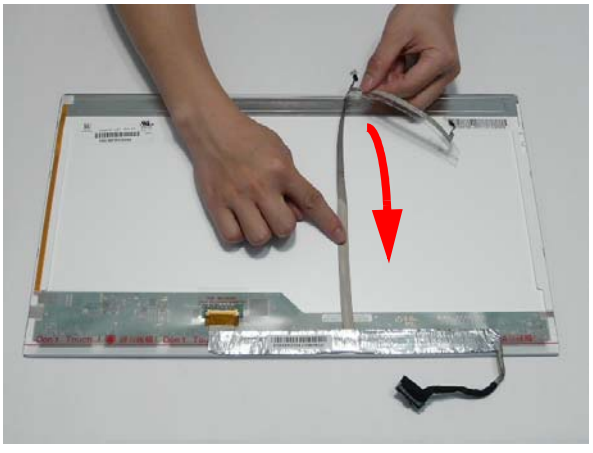
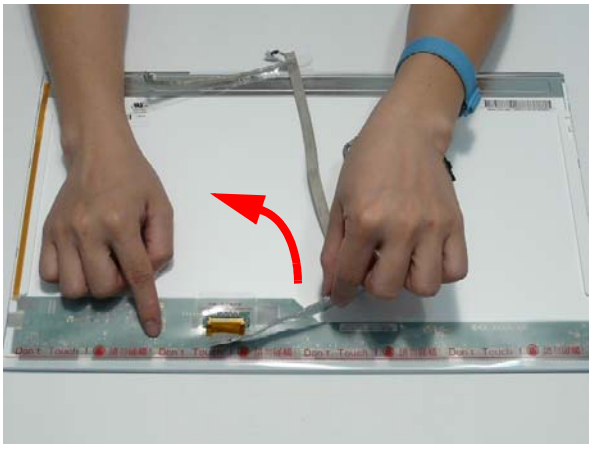
Removing the LCD Brackets and FPC Cable

1. See “Removing the LCD Panel” on page 115.
2. Remove the eight securing screws (four each side) from the LCD Panel brackets.

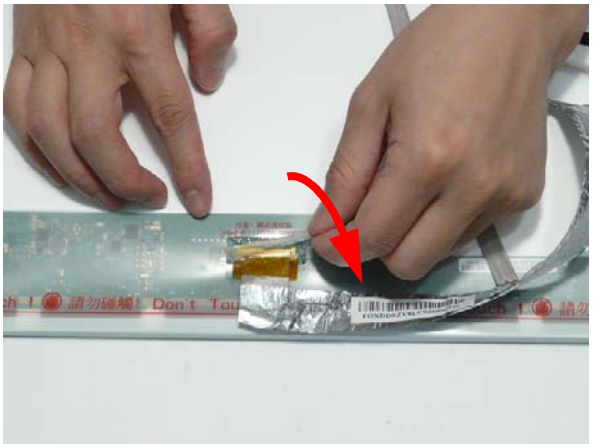



Step	Size	Quantity	Screw Type
LCD Brackets	M2*3	8	

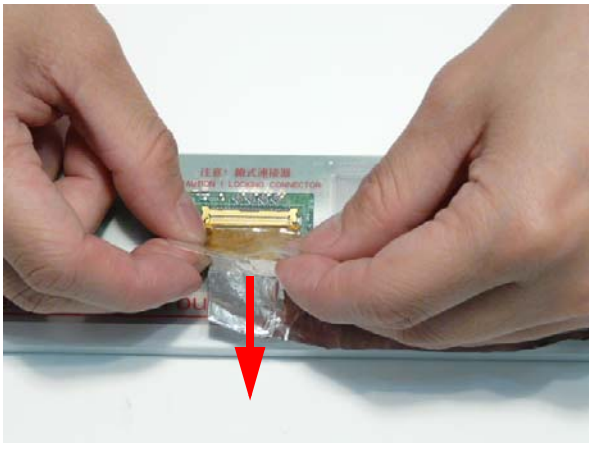
3. Remove the brackets from the LCD Panel.
4. Turn the panel over. Lift the cable as shown to detach the adhesive from the panel.

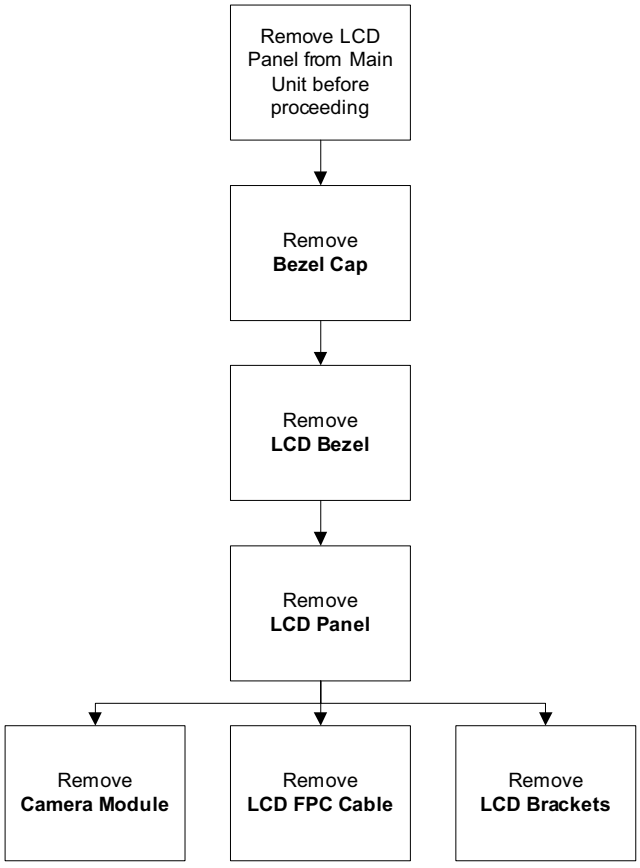
5. Carefully lift the adhesive tape protecting the cable connector.



6. Disconnect the cable from the LCD Panel as shown.



Flush Bezel LCD Module Disassembly Flowchart



Screw List

Step	Screw	Quantity	Part No.
LCD Bezel Cap	M2.5*4	2	
LCD Panel	M2.5*4	8	
	M2*3	1	
LCD Brackets	M2*3	8	

Removing the Flush LCD Bezel Cap

1. See “Removing the LCD Module” on page 74.
2. Remove the two screw caps and screws securing the Bezel Cap to the LCD Module.

Step	Size	Quantity	Screw Type
LCD Bezel Cap	M2.5*4	2	

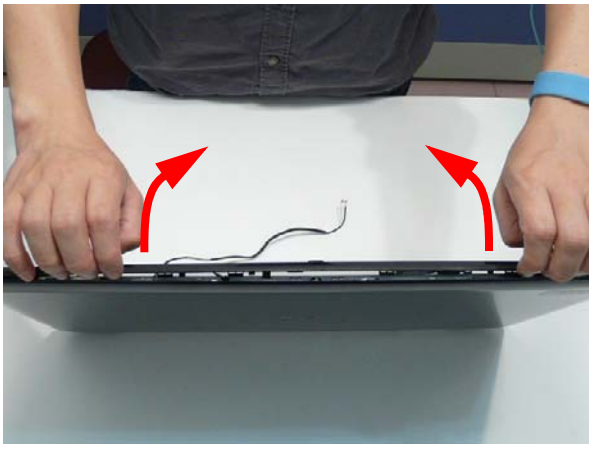
3. Pinch the right hinge cover as shown to release the internal securing pins. Lift the right side of the Bezel Cap as shown.

4. Pinch the left hinge cover as shown to release the internal securing pins. Lift the left side of the Bezel Cap as shown.

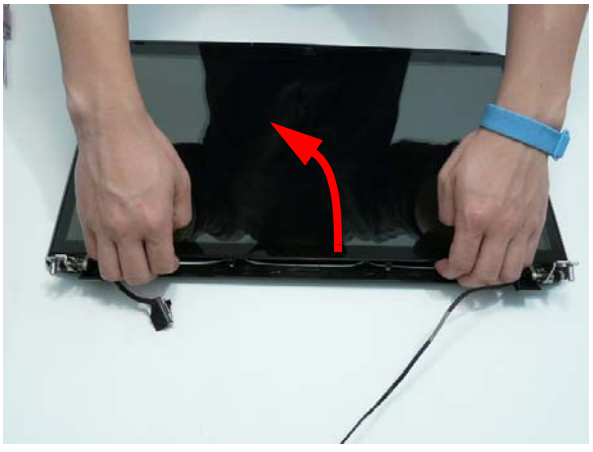
5. Rotate the Bezel Cap away from the LCD Module and remove the cap from the module.

Removing the Flush LCD Bezel

1. See “Removing the LCD Module” on page 74.
2. Starting in the centre and working toward the top corners, pry apart the top edge of the LCD Module as shown.



3. Lift the front edge of the bezel away from the LCD Module as shown.



4. Apply pressure in the direction of the arrow (1) and lift the right side of the bezel away from the LCD Module (2).

IMPORTANT: Do not completely remove the bezel; the Microphone cable is still attached to the bezel.

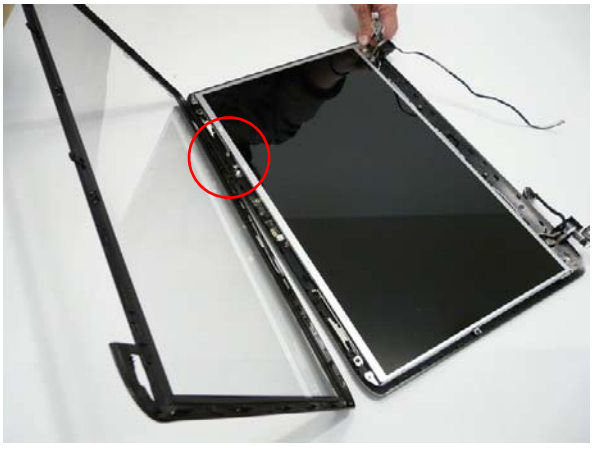
5. Apply pressure in the direction of the arrow (1) and lift the left side of the bezel away from the LCD Module (2).

IMPORTANT: Do not completely remove the bezel; the Microphone cable is still attached to the bezel.

6. Lift the bottom edge of the bezel away from the LCD Module as shown.

IMPORTANT: Do not completely remove the bezel; the Microphone cable is still attached to the bezel.

7. Flip the bezel over to expose the Microphone cable and module.



8. Disconnect the Microphone cable connector as shown and remove the bezel from the LCD Module.

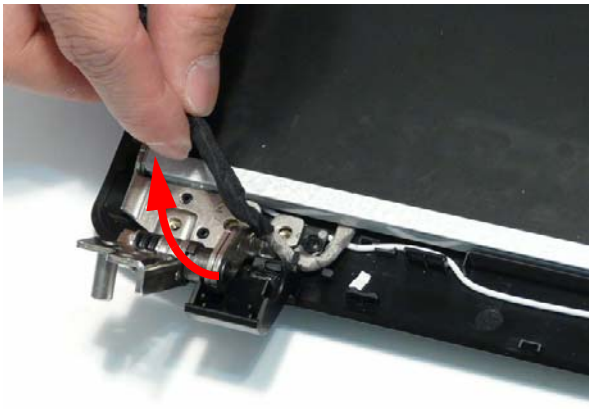
Removing the LCD Panel

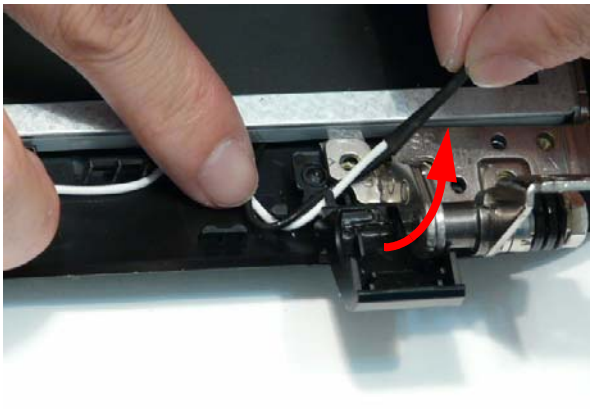
1. See “Removing the Flush LCD Bezel Cap” on page 121.
2. Remove the nine screws securing the LCD Panel to the cover.

NOTE: The six bracket screws are numbered from 1 to 3 on each bracket. Remove the screws in reverse order from 3 to 1.

Step	Size	Quantity	Screw Type
LCD Panel (red callout)	M2.5*4	8	
LCD Panel (green callout)	M2*3	1	

3. Remove the LVDS and Antenna cables from the left and right hinge wells as shown. Ensure that the cables are free from all cable clips.

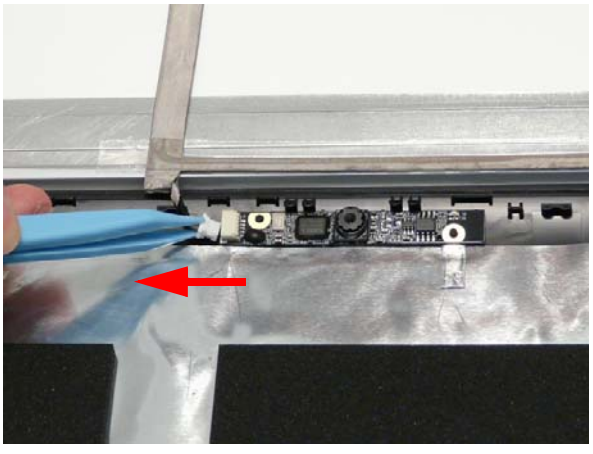




4. Lift the panel front edge first as shown and flip it over to expose the Camera Module.

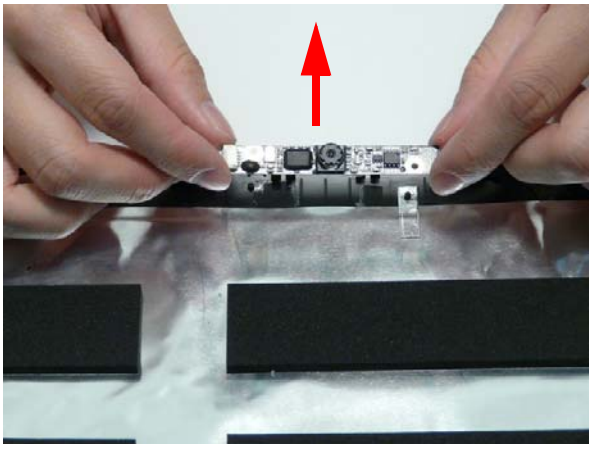
IMPORTANT: Do not completely remove the panel; the Camera cable is still attached to the back of the panel.

5. Disconnect the Camera connector as shown and remove the panel from the LCD cover.



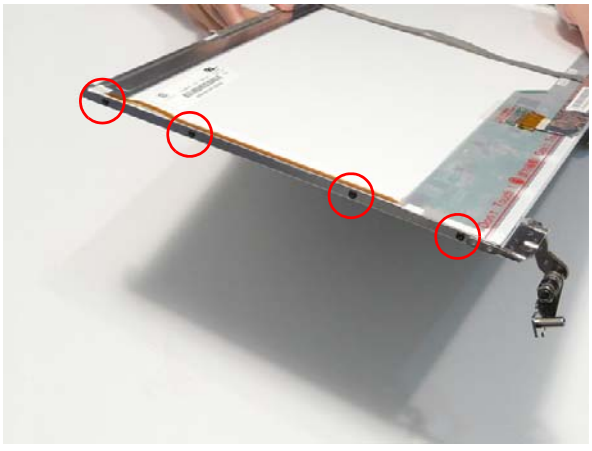
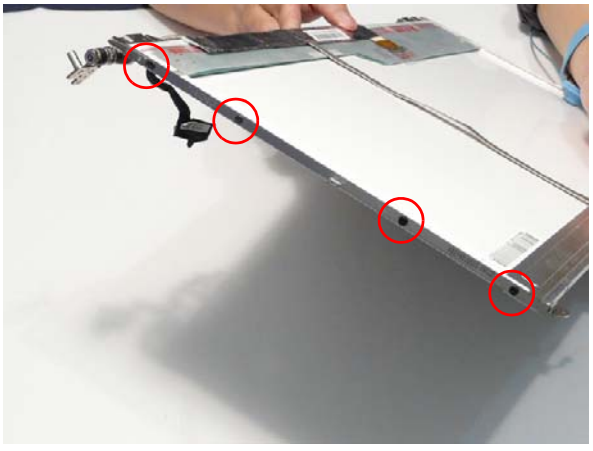
Removing the Camera Board

1. See “Removing the LCD Panel” on page 115.
2. Remove the Camera Board from the LCD Module.



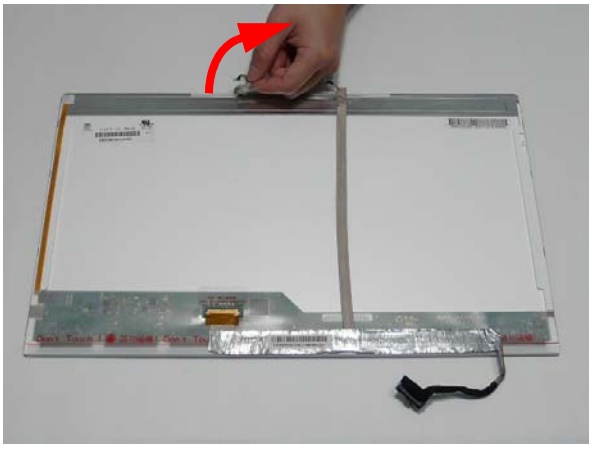
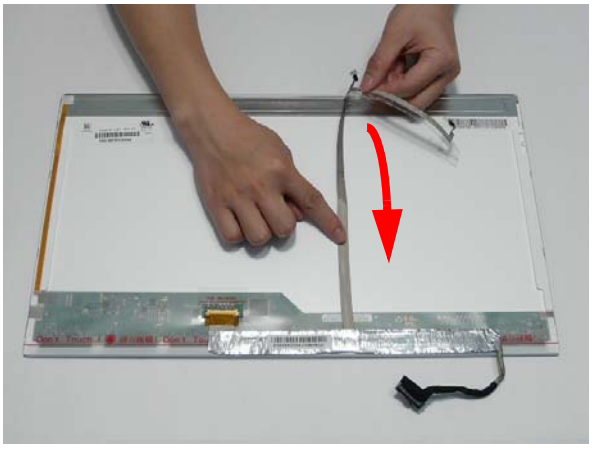
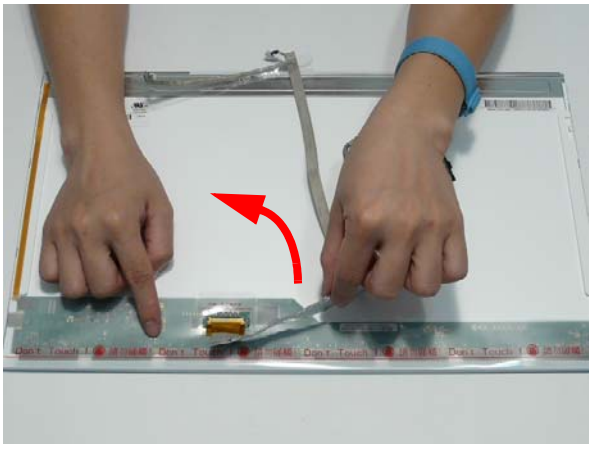
Removing the LCD Brackets and FPC Cable

1. See “Removing the LCD Panel” on page 115.
2. Remove the eight securing screws (four each side) from the LCD Panel brackets.

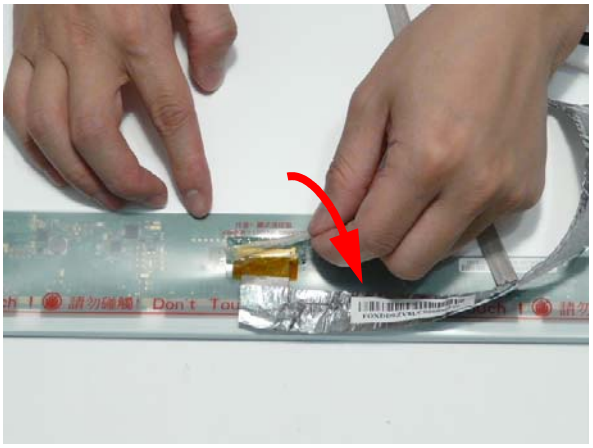



Step	Size	Quantity	Screw Type
LCD Brackets	M2*3	8	

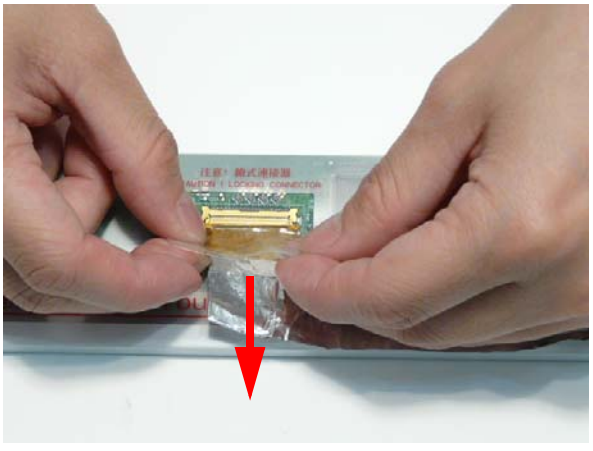
3. Remove the brackets from the LCD Panel.
4. Turn the panel over. Lift the cable as shown to detach the adhesive from the panel.

5. Carefully lift the adhesive tape protecting the cable connector.



6. Disconnect the cable from the LCD Panel as shown.



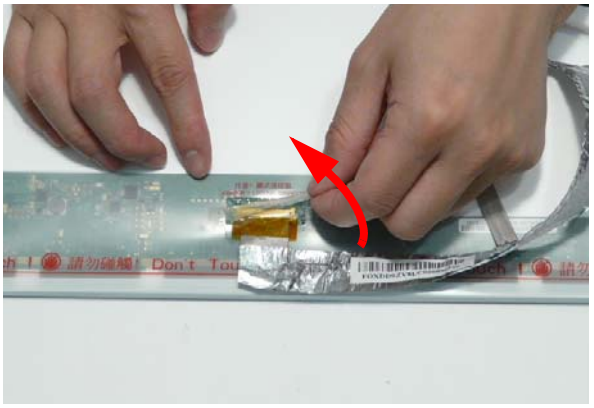
LCD Module Reassembly Procedure

The Aspire 8940 ships with either a Standard Bezel or Flush Bezel with glass panel LCD Module. The following sections detail the two distinct procedures, beginning with the Standard Bezel detailed below.

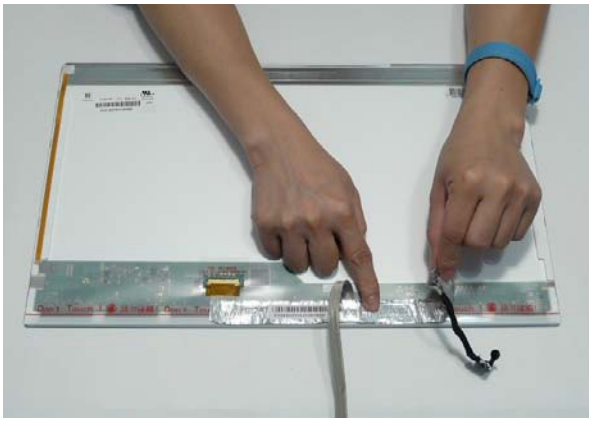
Standard Bezel LCD Module Reassembly—LCD Panel

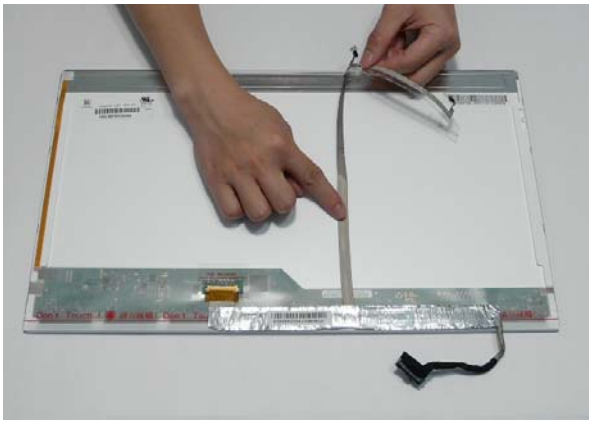
1. Connect the LCD cable to the panel connector as shown.

2. Press down the adhesive strip to secure the cable in place.

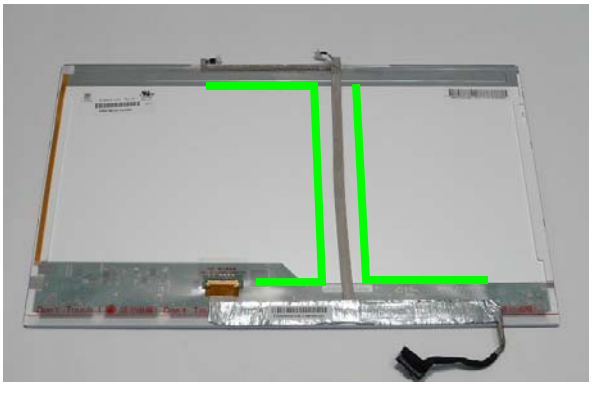


3. Run the cable along the back of the panel and press down as indicated to secure the cable in place.

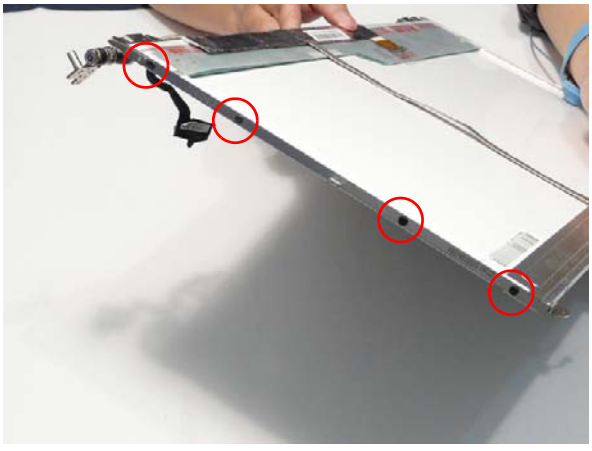
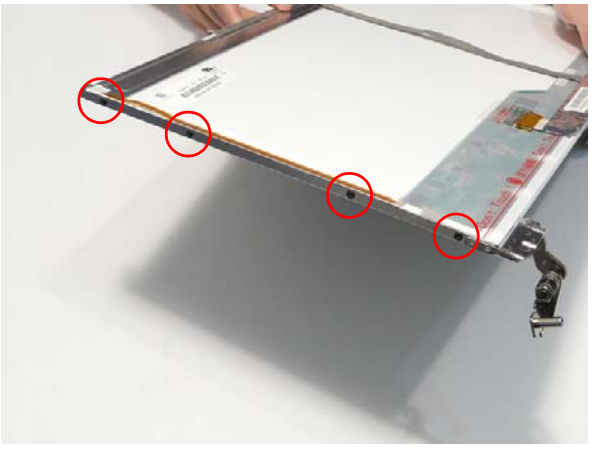




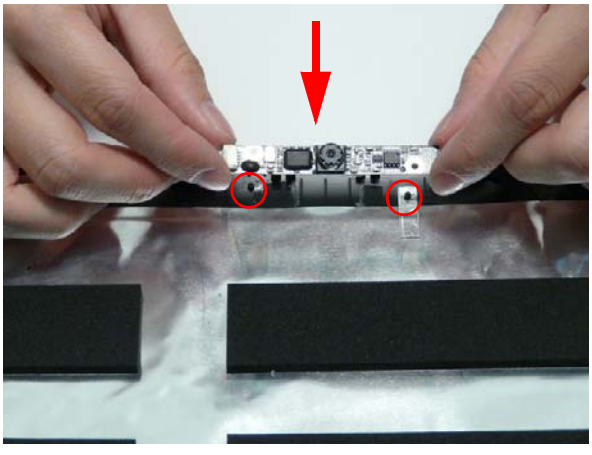
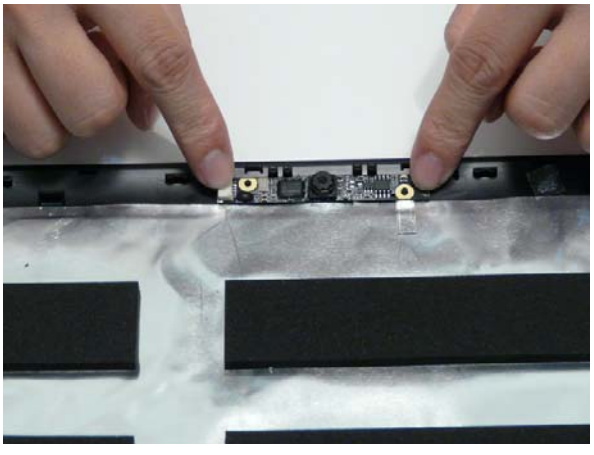
IMPORTANT: Ensure that the LCD cable runs between the green callouts to avoid trapping when the panel is replaced in the LCD Module.



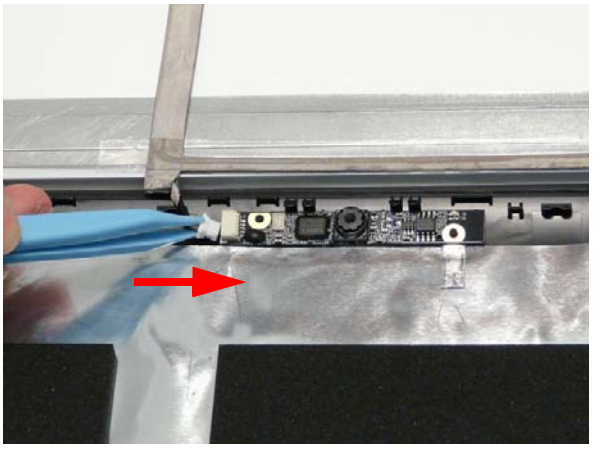
4. Align the LCD brackets with the screw holes on the panel. Replace the eight screws (four on each side) in the brackets as shown.

5. Align the Camera Board with the locating pins on the LCD Module and place the board as shown.
6. Press down as shown to secure the board in place with adhesive.

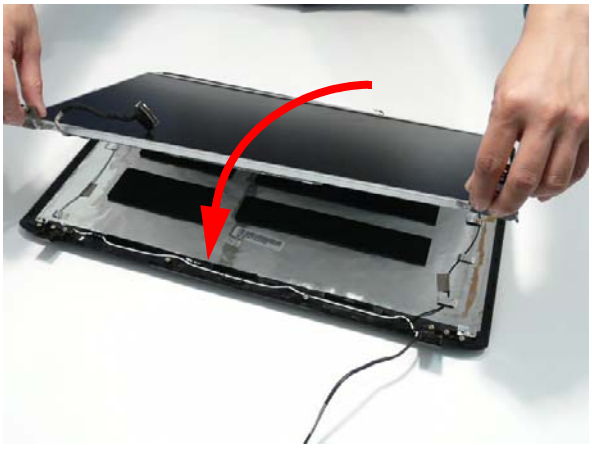



7. Place the LCD Panel adjacent to the LCD Module as shown and connect the Camera cable to the Camera Module.

8. Flip the LCD Panel over and place it in the LCD Module.

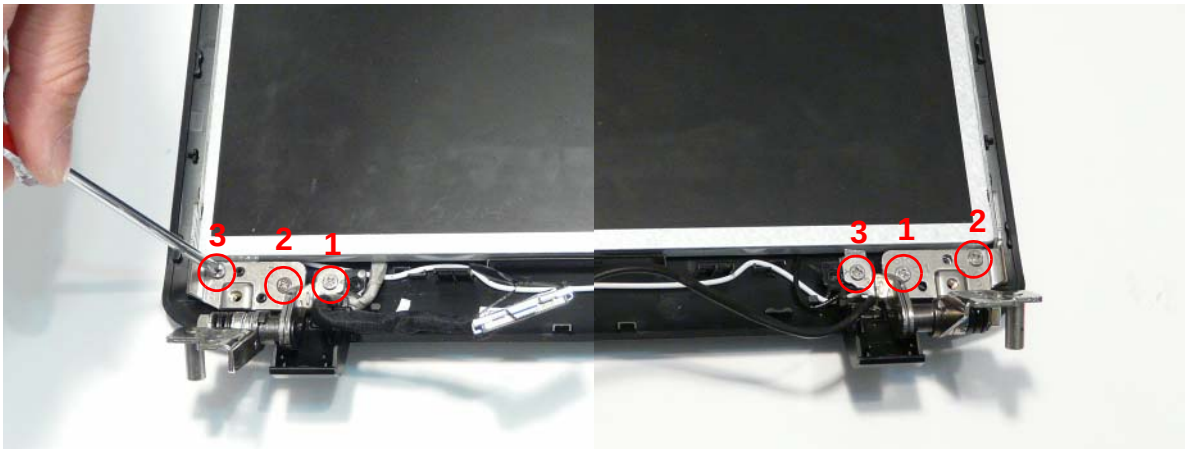
IMPORTANT: Ensure that the LCD cable is not trapped under the panel.



9. Run the LVDS and Antenna cables through the hinge wells as shown.

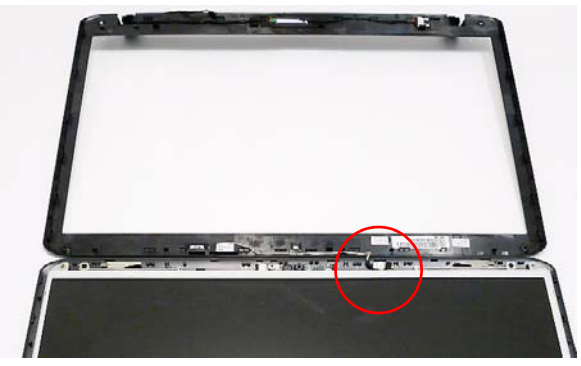
10. Secure the LCD module with seven securing screws.

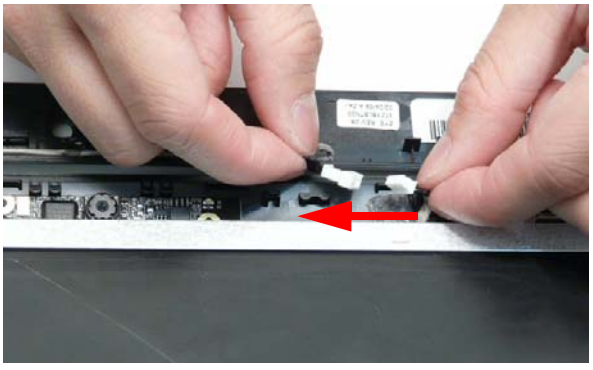
NOTE: The six bracket screws are numbered from 1 to 3 on each bracket. Replace the screws in order from 1 to 3.



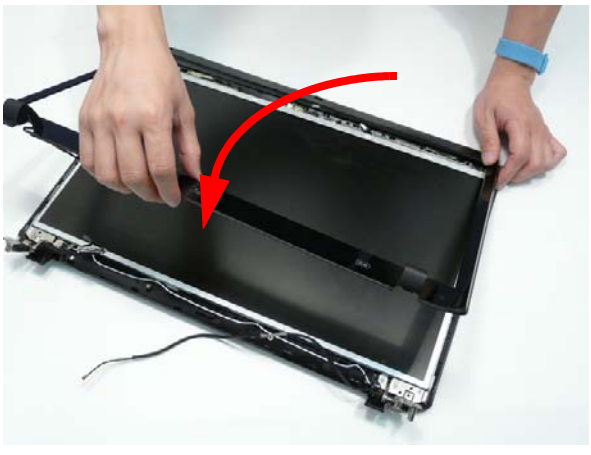
Replacing the LCD Bezel

1. Place the LCD Bezel adjacent to the LCD Module as shown and connect the Microphone cable.





2. Flip the LCD Panel over and place it in the LCD Module.



IMPORTANT: Ensure that the LCD cables are not trapped in the hinge wells.

3. Press down around the perimeter of the bezel to secure it in place.

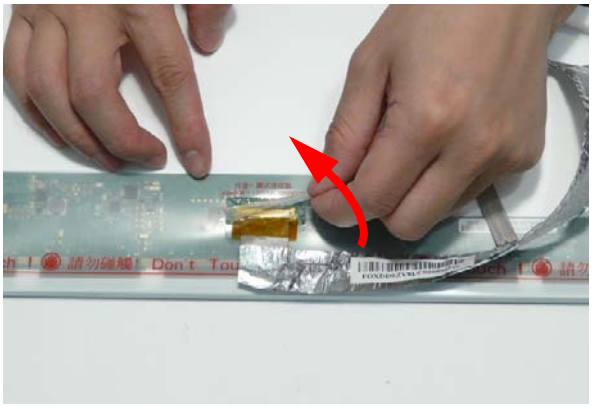
4. Replace the four screws securing the bezel to the LCD Module.

IMPORTANT: The Standard Bezel is secured with two different screw types: M2.5*4—red callout and M2.5*5—green callout. Ensure that the correct screws are used during reassembly.

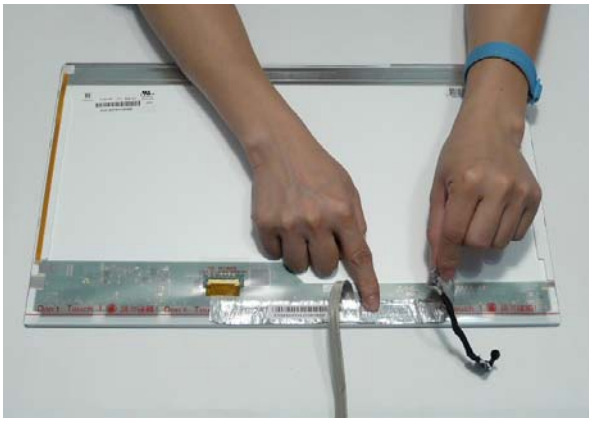
Flush Bezel LCD Module Reassembly—LCD Panel

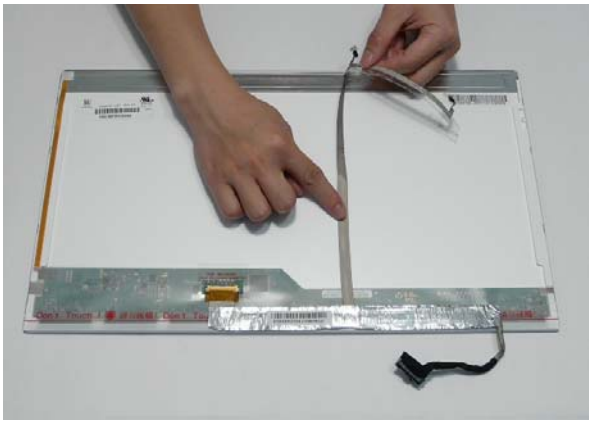
1. Connect the LCD cable to the panel connector as shown.

2. Press down the adhesive strip to secure the cable in place.

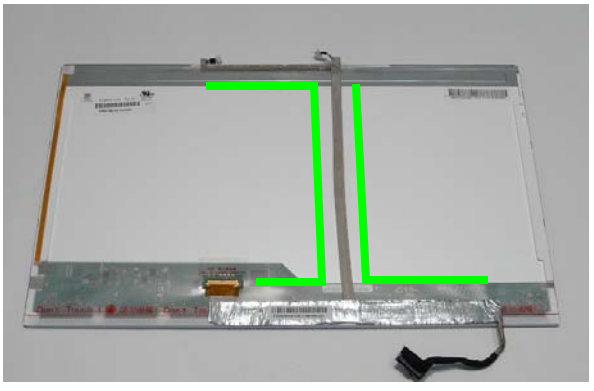


3. Run the cable along the back of the panel and press down as indicated to secure the cable in place.

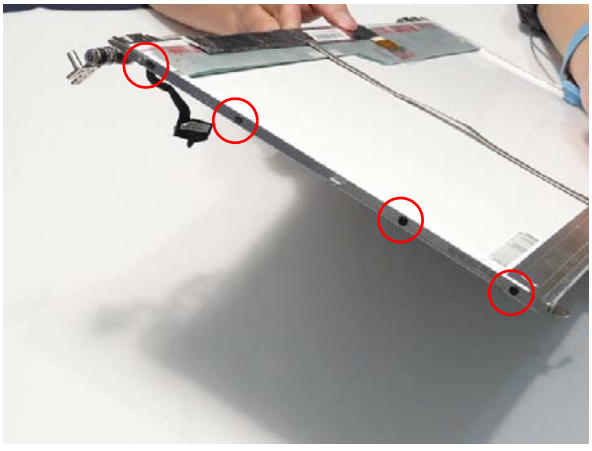
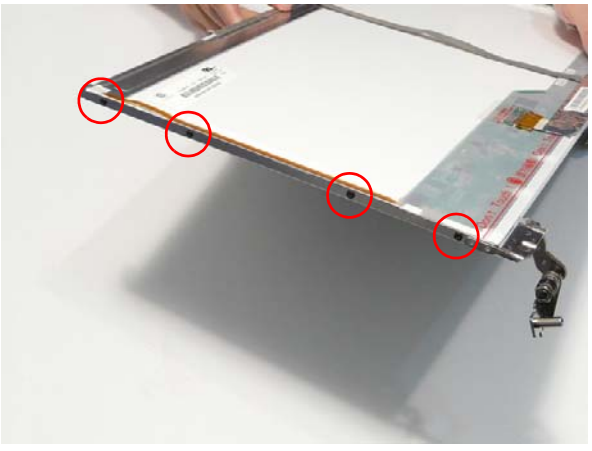




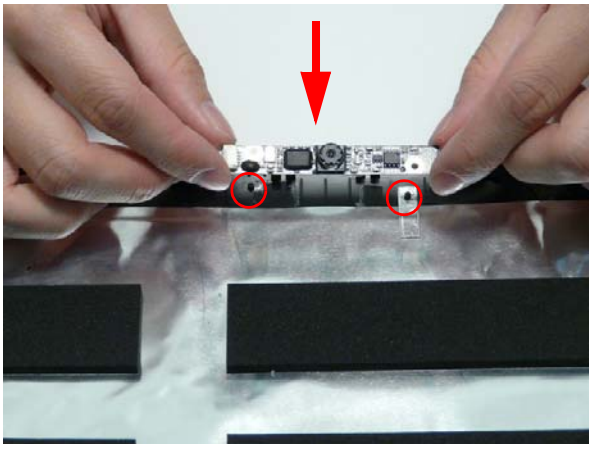
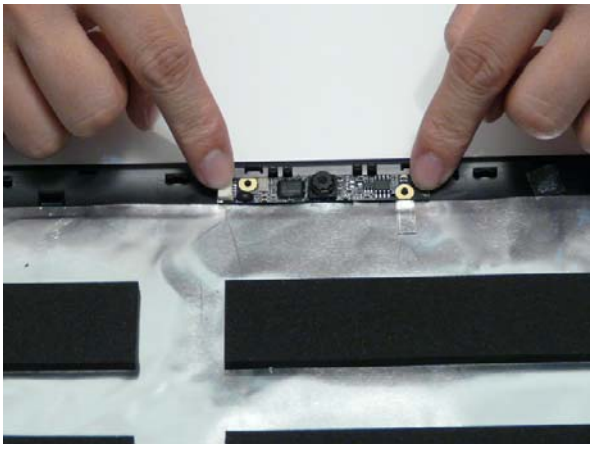
IMPORTANT: Ensure that the LCD cable runs between the green callouts to avoid trapping when the panel is replaced in the LCD Module.



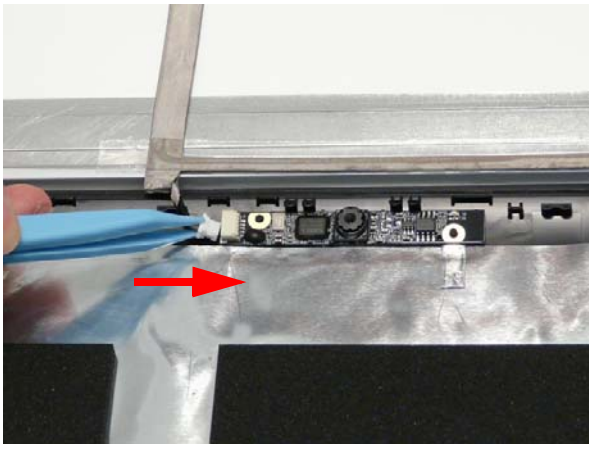
4. Align the LCD brackets with the screw holes on the panel. Replace the eight screws (four on each side) in the brackets as shown.

5. Align the Camera Board with the locating pins on the LCD Module and place the board as shown.
6. Press down as shown to secure the board in place with adhesive.

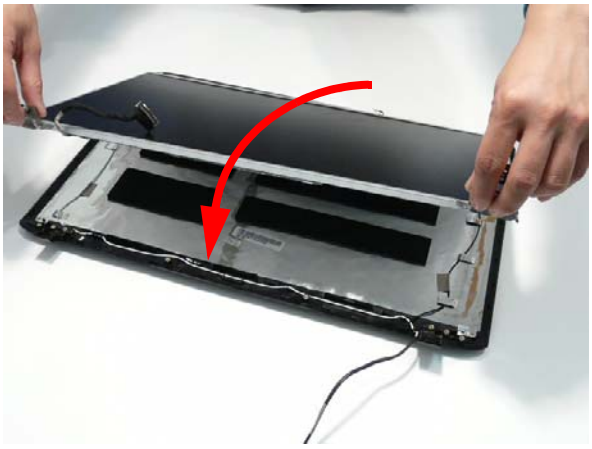



7. Place the LCD Panel adjacent to the LCD Module as shown and connect the Camera cable to the Camera Module.

8. Flip the LCD Panel over and place it in the LCD Module.

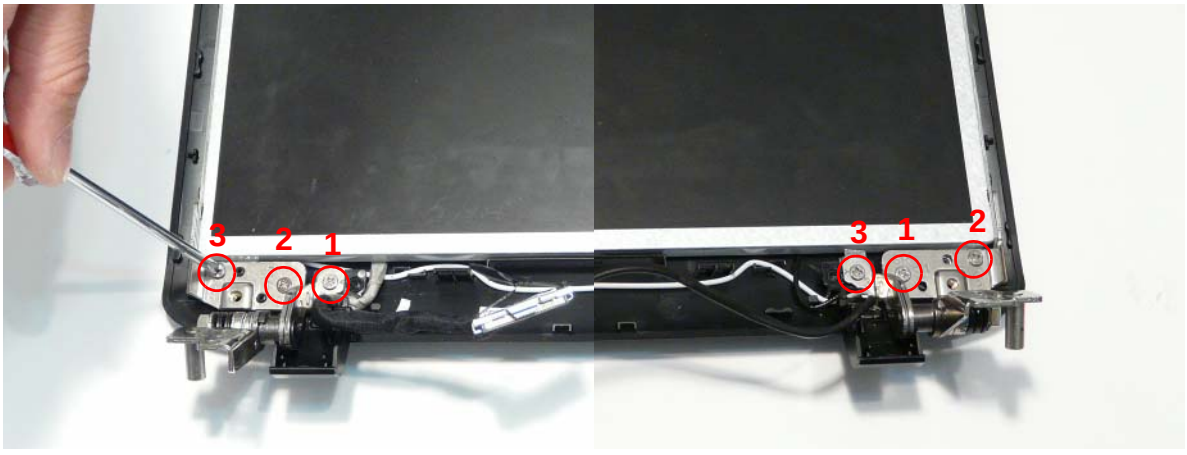
IMPORTANT: Ensure that the LCD cable is not trapped under the panel.



9. Run the LVDS and Antenna cables through the hinge wells as shown.

10. Secure the LCD module with nine securing screws.

NOTE: The six bracket screws are numbered from 1 to 3 on each bracket. Replace the screws in order from 1 to 3.

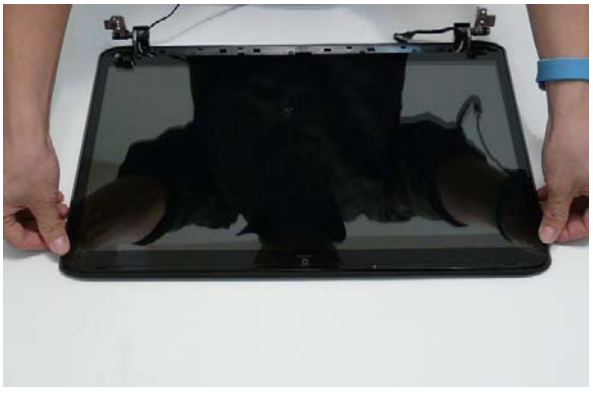


Replacing the LCD Bezel

1. Place the LCD Bezel adjacent to the LCD Module as shown and connect the Microphone cable.

2. Flip the LCD Panel over and place it in the LCD Module.

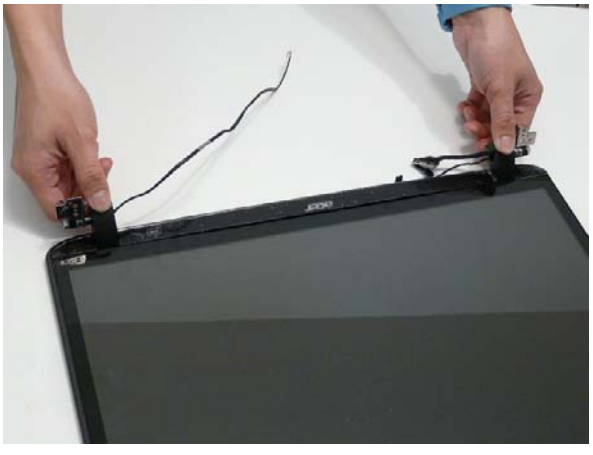
3. Press down around the perimeter of the bezel to secure it in place.



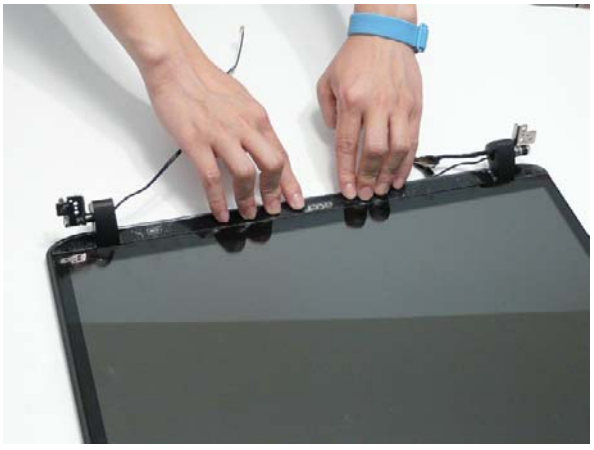
Replacing the Flush LCD Bezel Cap

1. Place the Bezel Cap on to the LCD Module as shown.

2. Ensure that the LCD cables pass through the hinge wells as shown and pinch the hinge covers together to secure them in place.



3. Press the Bezel Cap down as shown to secure it to the LCD Module.



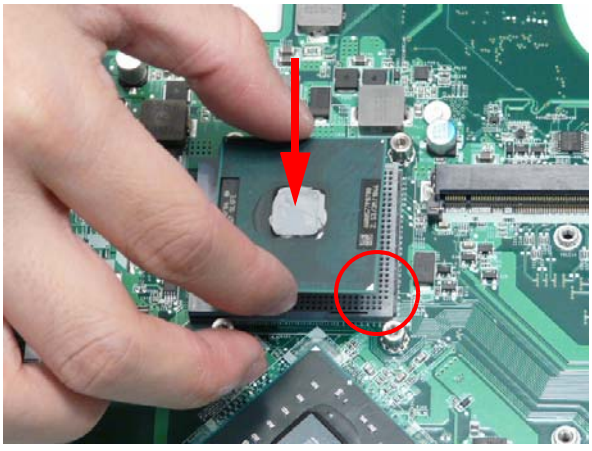
4. Replace the two screws and screw caps.

Main Module Reassembly Procedure

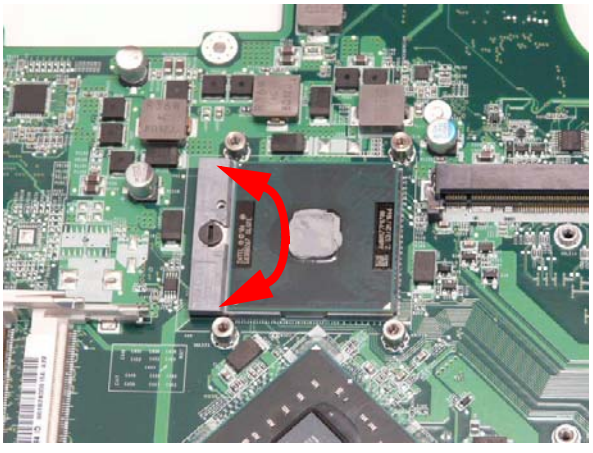
Replacing the CPU

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

1. Carefully turn the mainboard upside down (CPU side up), and place the CPU into the CPU socket as shown, taking note of the Pin1 locator.

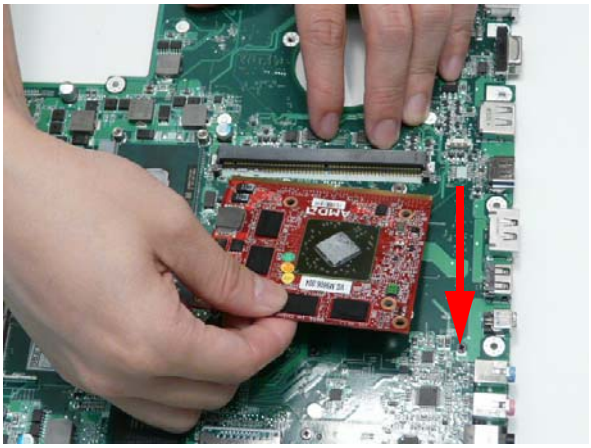


2. Turn the securing screw 180° to secure the CPU in the socket.

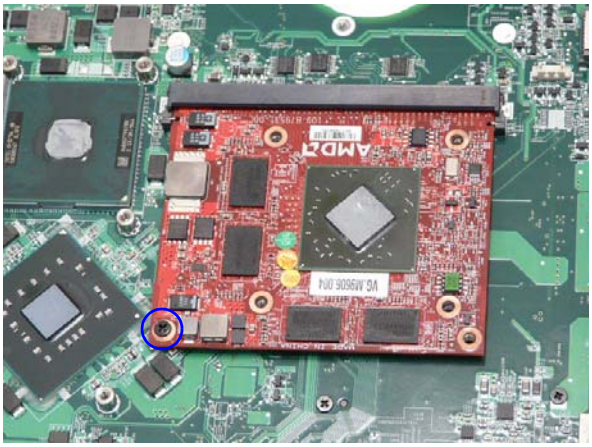


Replacing the Graphics Card

3. Insert the Graphics Card into the Mainboard connector.



4. Insert the single screw to secure the Graphics Card to the Mainboard.



Step	Size	Quantity	Screw Type
Graphics Card	M2.5*6.5	1	

Replacing the Graphics Card Heatsink

IMPORTANT: Apply a suitable thermal grease and ensure all heat pads are in place before replacing the Thermal Module.

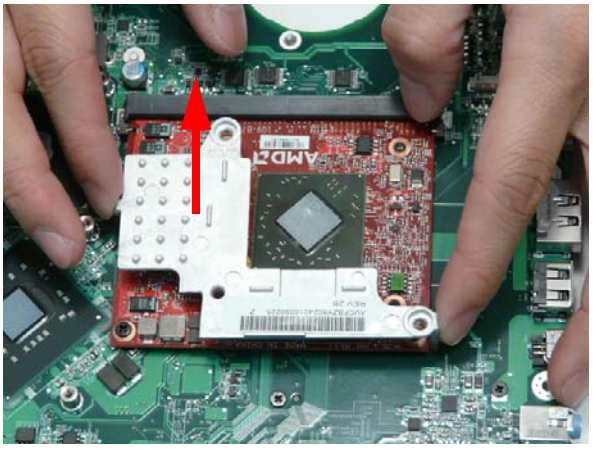
The following thermal grease types are approved for use:

- Silmore GP50
- Honeywell PCM45F-SP
- ShinEtsu 7762

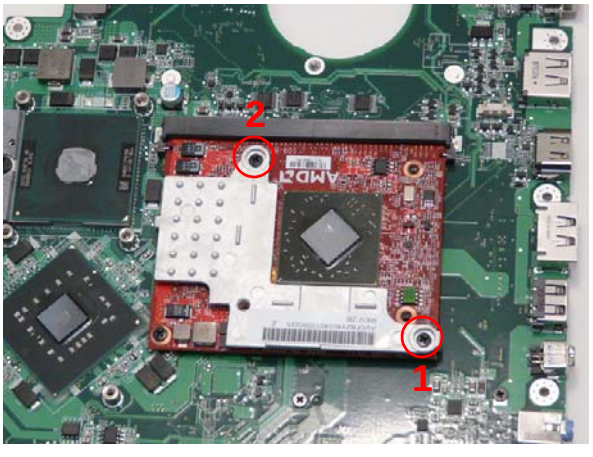
The following thermal pads are approved for use:

- Eapus XR-PE

1. Remove all traces of thermal grease from the CPU using a lint-free cloth or cotton swab and Isopropyl Alcohol, Acetone, or other approved cleaning agent.
2. Apply a small amount of thermal grease to the centre of the CPU—there is no need to spread the grease manually, the force used during the installation of the Thermal Module is sufficient.
3. Place the heatsink onto from the Graphics Card as shown.



4. Replace the two screws (in numerical order from 1 to 2) to secure the Graphics Card Heatsink to the Mainboard.



Step	Size	Quantity	Screw Type
Graphics Card Heatsink	M2.5*6.5	2	

Replacing the Thermal Module

IMPORTANT: Apply a suitable thermal grease and ensure all heat pads are in place before replacing the Thermal Module.

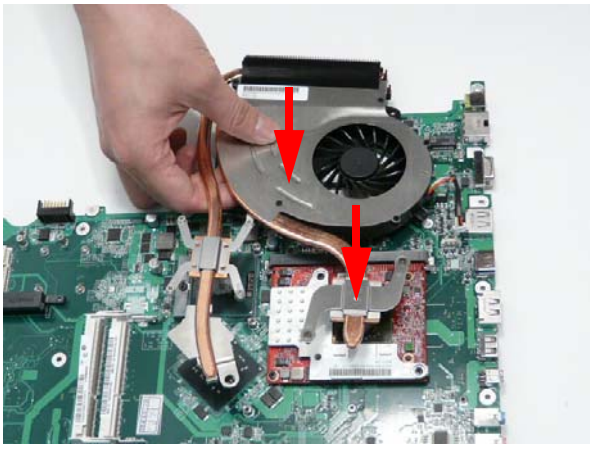
The following thermal grease types are approved for use:

- Silmore GP50
- Honeywell PCM45F-SP
- ShinEtsu 7762

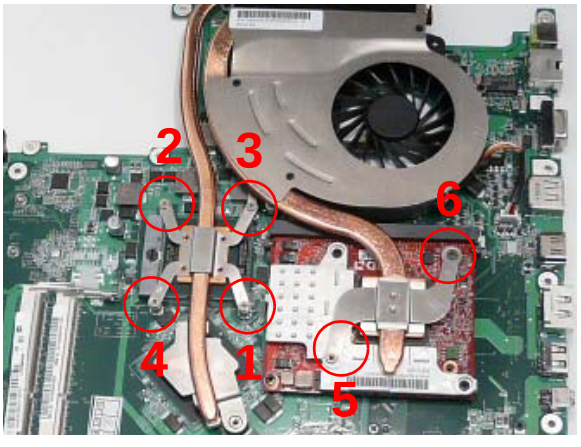
The following thermal pads are approved for use:

- Eapus XR-PE

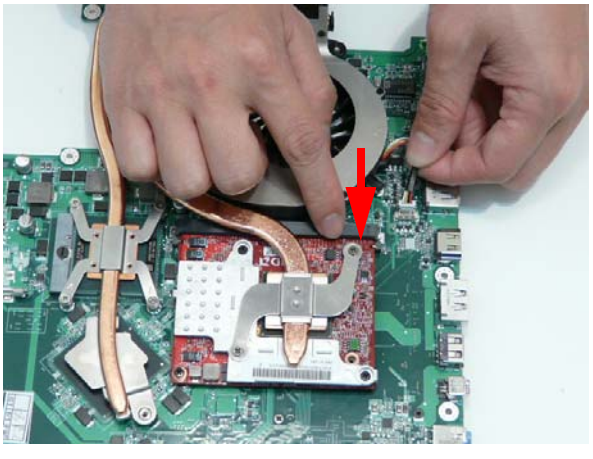
1. Remove all traces of thermal grease from the CPU using a lint-free cloth or cotton swab and Isopropyl Alcohol, Acetone, or other approved cleaning agent.
2. Apply a small amount of thermal grease to the centre of the CPU—there is no need to spread the grease manually, the force used during the installation of the Thermal Module is sufficient.
3. Align the screw holes on the Thermal Module and Mainboard then replace the module. Keep the module as level as possible to spread the thermal grease evenly.



Replace the single Fan screw and the four Thermal Module screws (in numerical order from screw 1 to screw 6) to secure the Thermal Module in place.

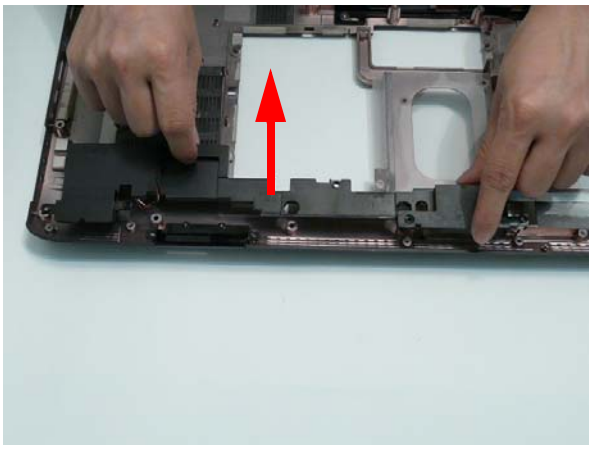


4. Connect the fan cable to the Mainboard.



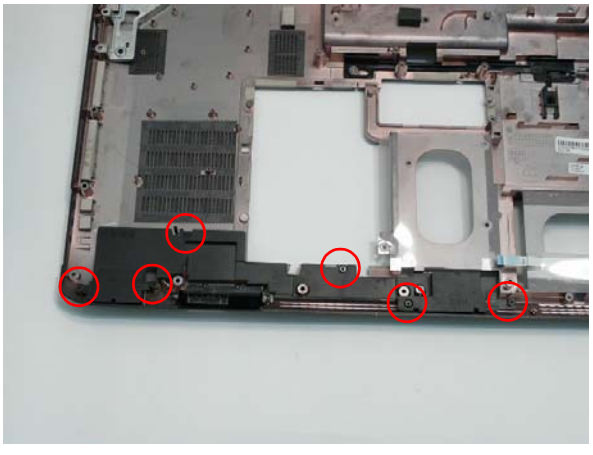
Replacing the Speaker Module

1. Using both hands, insert the Speaker Module into the Lower Cover as shown.



2. Replace the six screws to secure the Speaker Module in place.

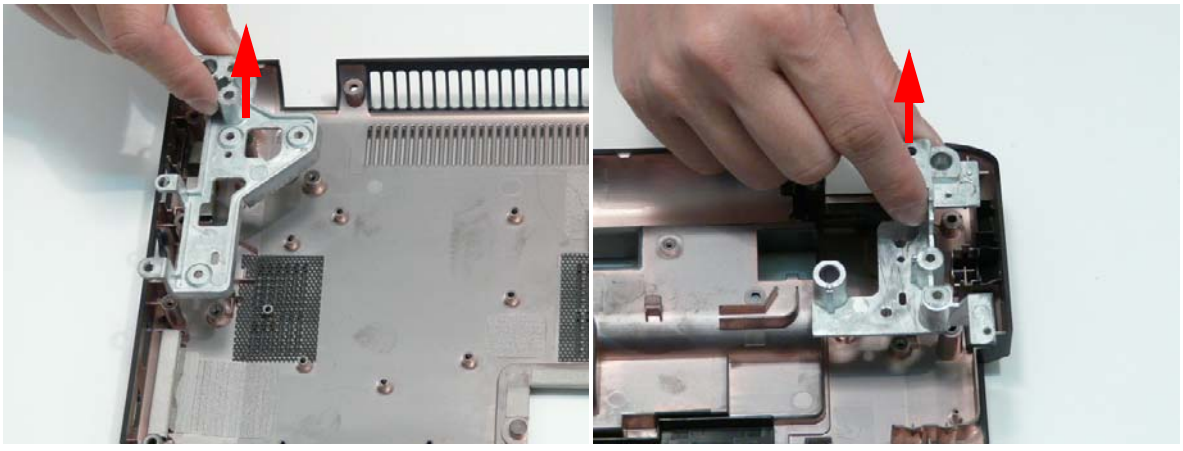
   NOTE: The screws securing the Speaker Module in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



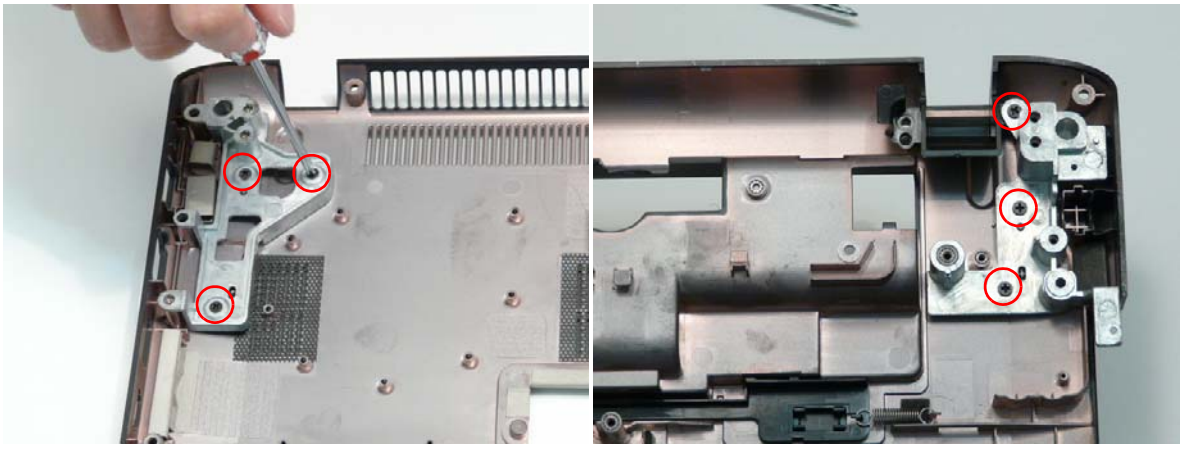
Step	Size	Quantity	Screw Type
Speaker Module		6	

Replacing the Hinge Supports

1. Insert the left and right Hinge Supports into the Lower Cover as shown.



2. Insert the six screws (three each side) to secure the Hinge Supports to the Lower Cover.

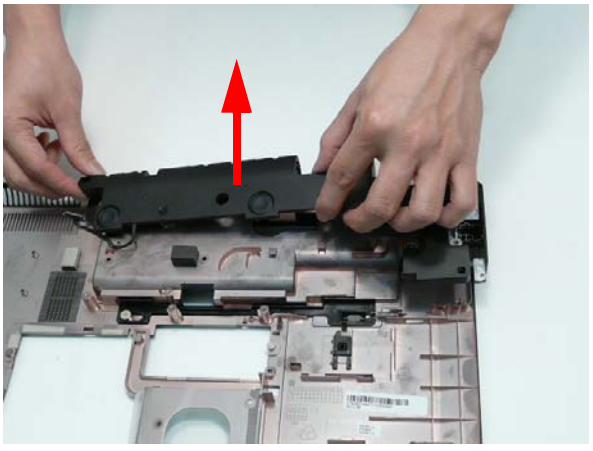


Step	Size	Quantity	Screw Type
Hinge Supports	M2.5*4	6	

Replacing the Subwoofer

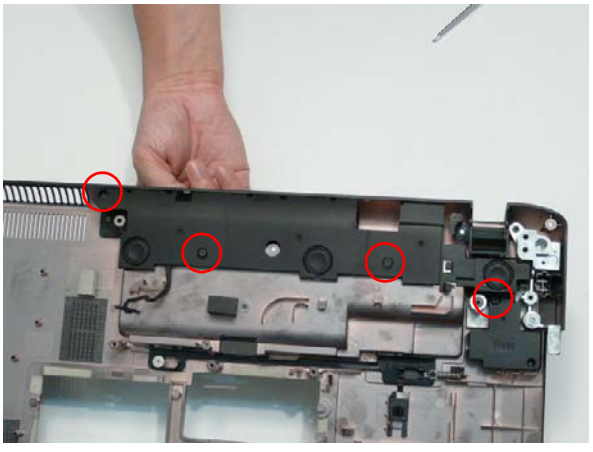
IMPORTANT: Avoid contact with the speakers when inserting or removing the subwoofers. Contact with the subwoofers may result in damage.

1. Using both hands, insert the Subwoofer into the Lower Cover as shown.



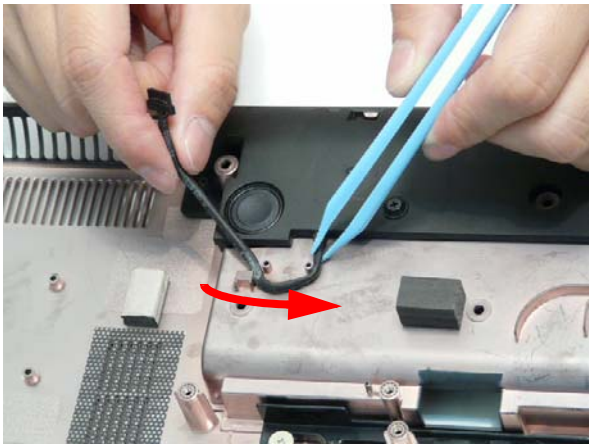
2. Insert the four screws to secure the Subwoofer to the Lower Cover.

   NOTE: The screws securing the Subwoofer in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



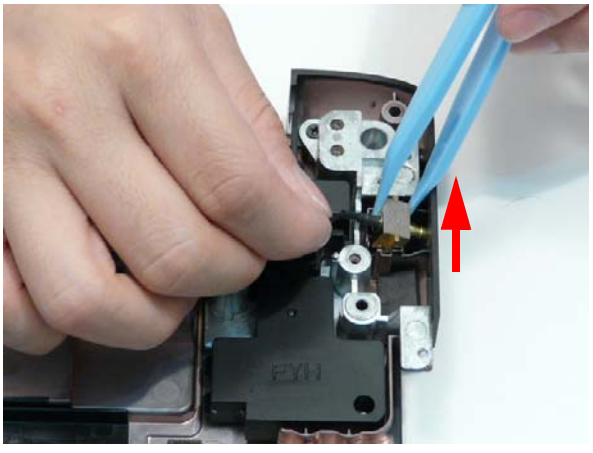
Step	Size	Quantity	Screw Type
Subwoofer		4	

3. Insert the Subwoofer cable into the cable channel. Ensure that the cable passes under all cable clips.

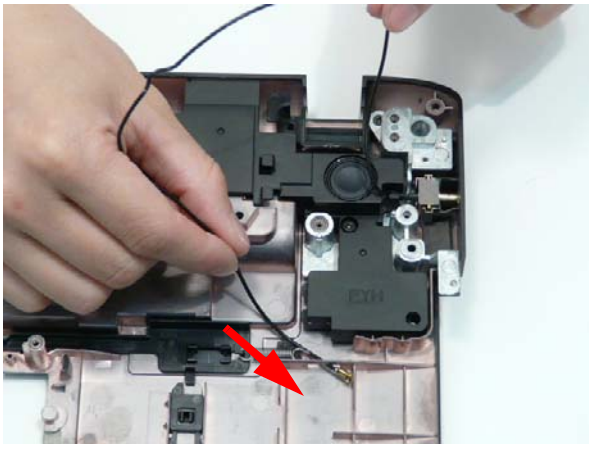


Removing the TV Tuner Antenna

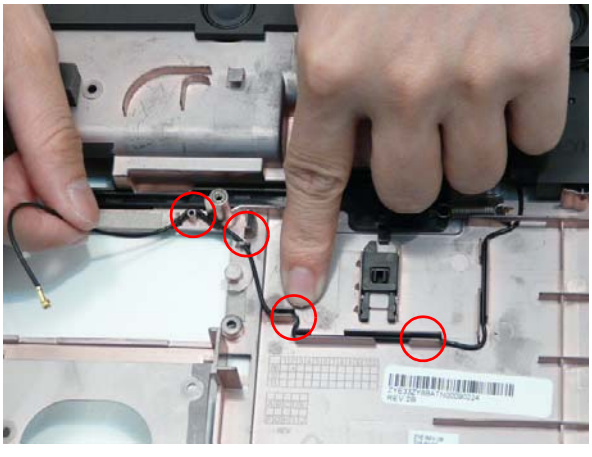
1. Insert the TV Tuner Antenna into the Lower Cover, making sure the cable passes through the slot in the wall of the well.

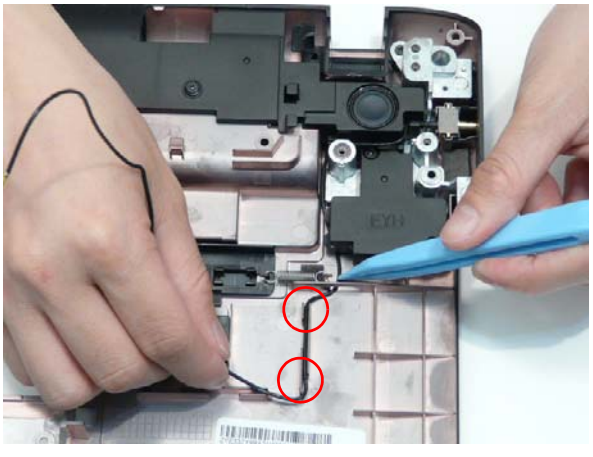


2. Push the Antenna cable through the casing as shown.



3. Remove the Antenna cable from the cable channel as shown. Ensure that the cable is free from all cable clips.

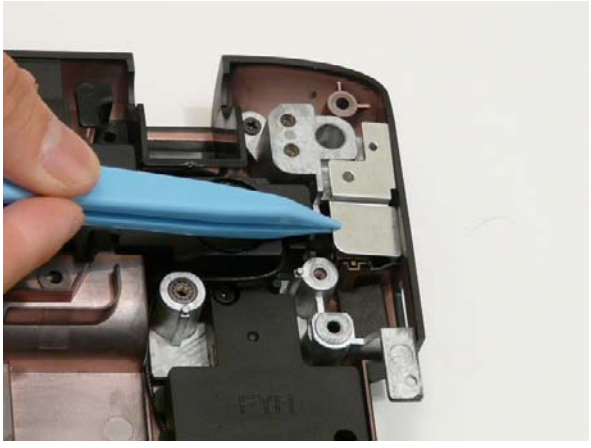




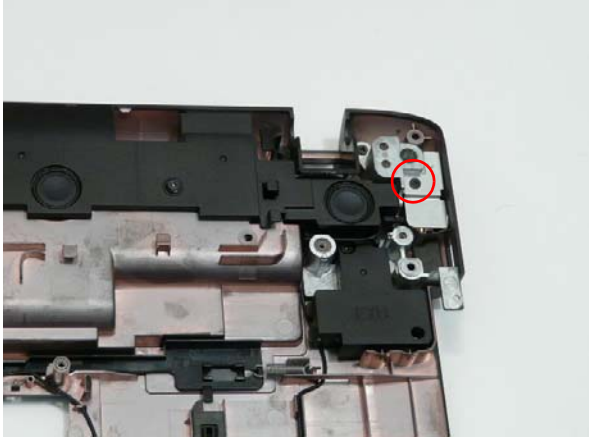
Removing the Kensington Lock Bracket

1. Insert the bracket into the Lower Cover.

   NOTE: The TV Tuner Antenna located under the bracket may lift away with the bracket.



2. Insert the single screw to secure the Kensington Lock Bracket into the Lower Cover.

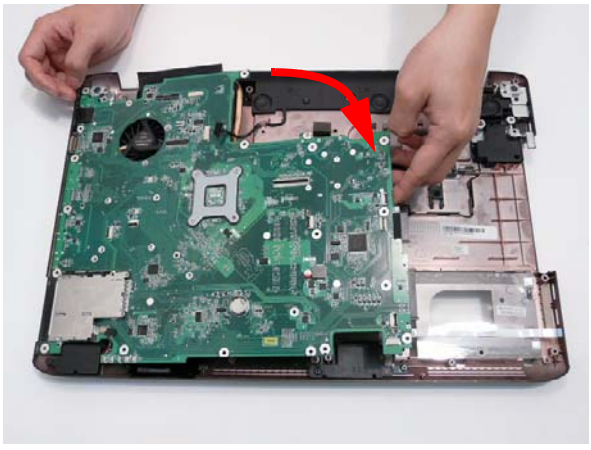


Step	Size	Quantity	Screw Type
Kensington Lock Bracket	M2*3	1	

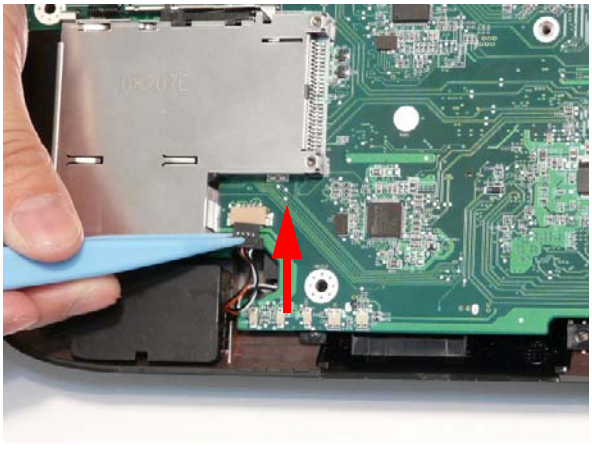
Replacing the Mainboard

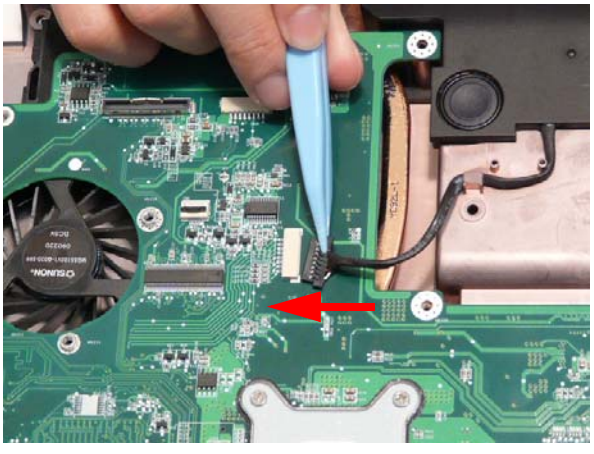
Removing the Mainboard

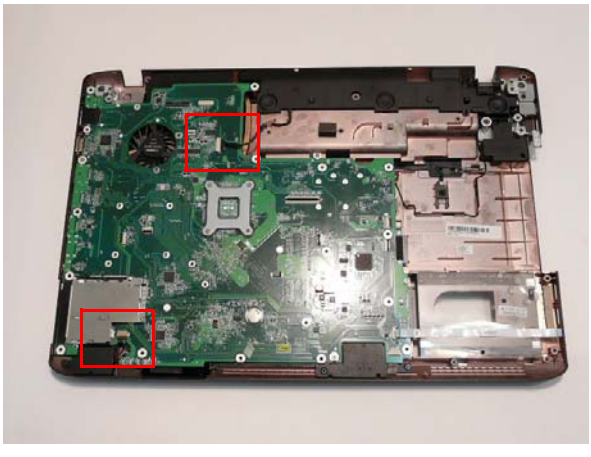
1. Pivot the Mainboard upward and remove it from the chassis, right side first. Place the Mainboard on a clean, dust-free surface.



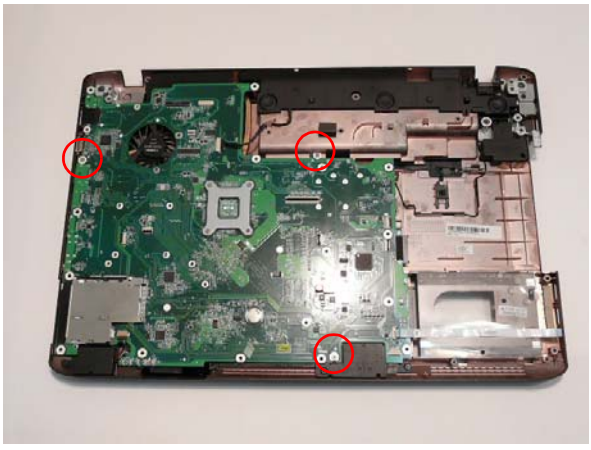
2. Connect the Speaker and Subwoofer cables to the Mainboard.

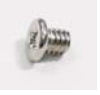






3. Insert the three screws to secure the Mainboard to the Lower Cover.

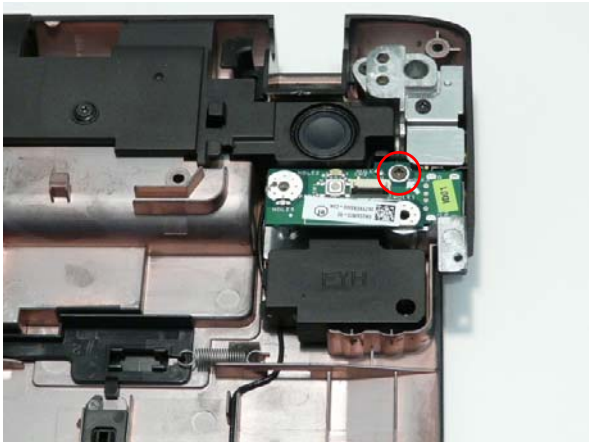


Step	Size	Quantity	Screw Type
Mainboard	M2.5*4	3	

Replacing the Power Saving Board

1. Insert the board into the chassis as shown.

2. Insert the single securing screw into the board.



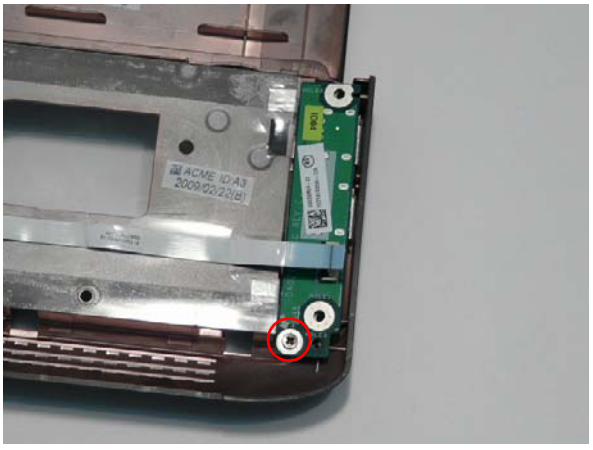
Step	Size	Quantity	Screw Type
Power Saving Board	M2.5*4	1	

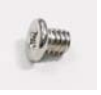
Replacing the USB Board

IMPORTANT: The USB FFC is supplied as part of the Lower Cover. If the USB FFC is defective, replace the entire Lower Cover.

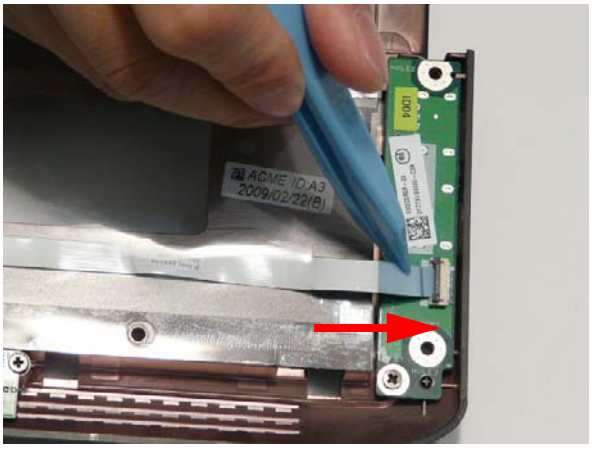
1. Insert the USB Board into the Lower Cover as shown.

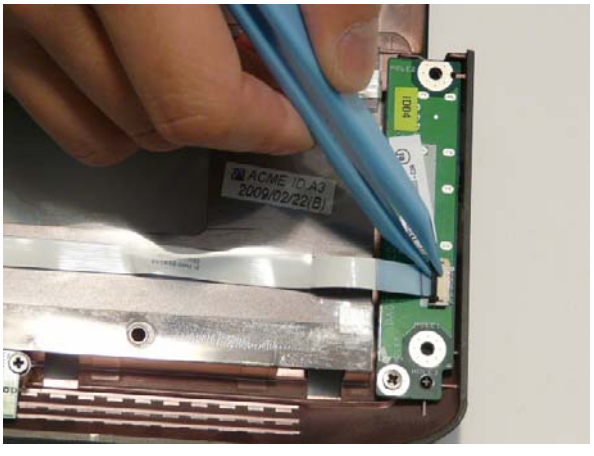
2. Replace the indicated screw to secure the USB Board to the Lower Cover.



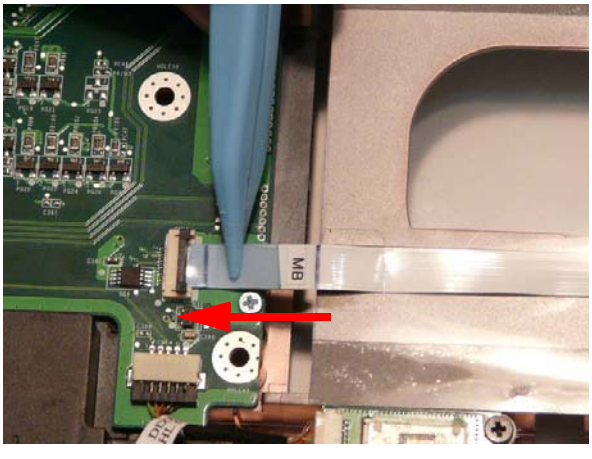
Step	Size	Quantity	Screw Type
USB Board	M2.5*4	1	

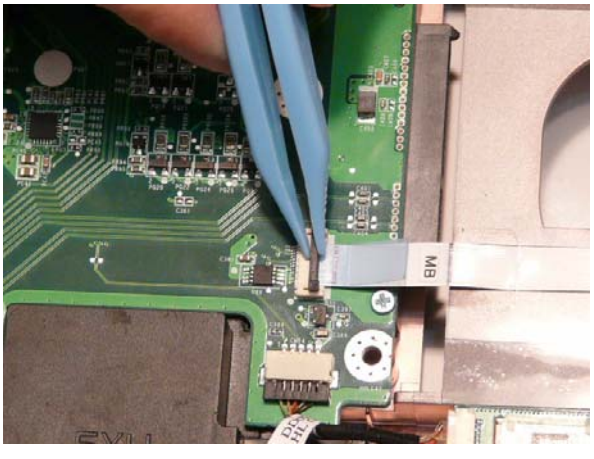
3. Connect the FFC to the USB Board and close the locking latch on the USB Board.





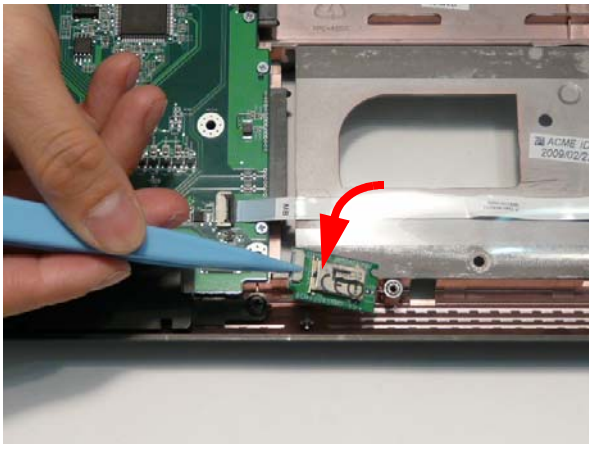
4. Connect the FFC to the Mainboard and close the locking latch.



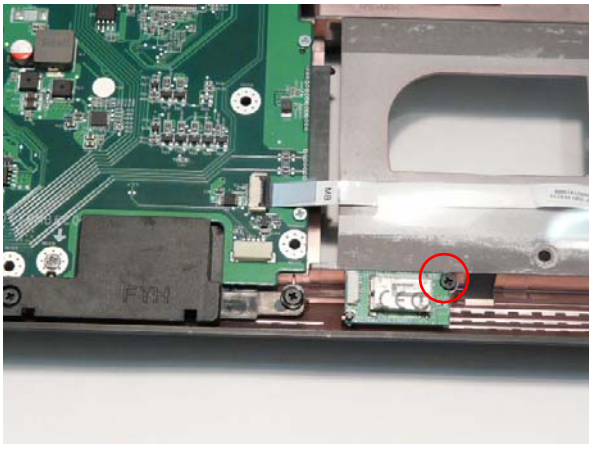


Replacing the Bluetooth Board

1. Insert the Bluetooth Board into the Lower Cover as shown.

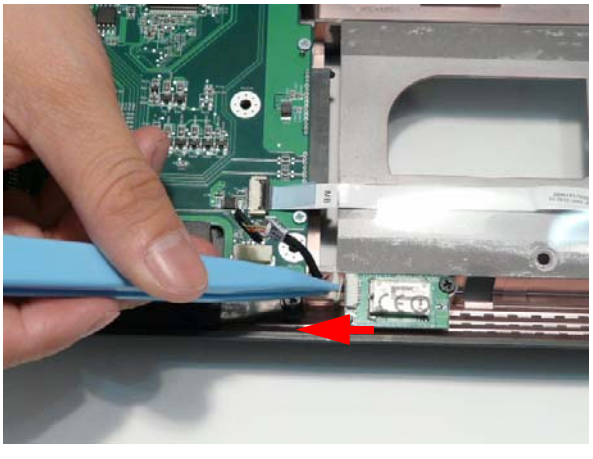


2. Insert the single screw to secure the Bluetooth Board to the Lower Cover.

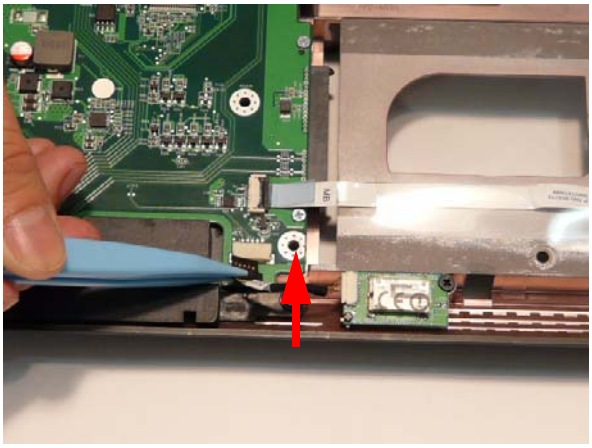


Step	Size	Quantity	Screw Type
Bluetooth Board	M2*3	1	

3. Connect the Bluetooth cable to the Bluetooth Board.



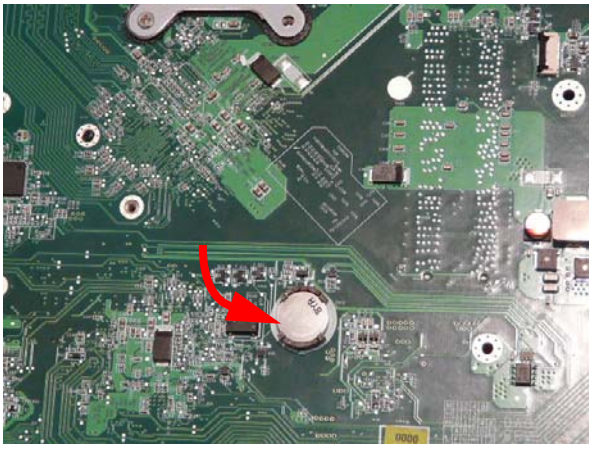
4. Connect the Bluetooth cable to the Mainboard.



Replacing the RTC Battery

IMPORTANT: Follow local regulations for disposal of all batteries.

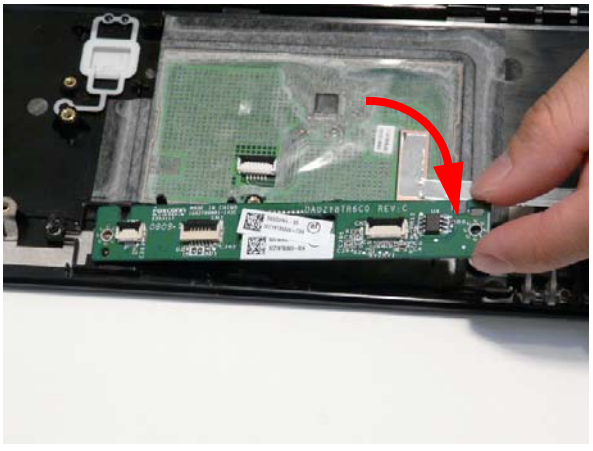
1. To replace the battery, pry the existing battery out of the Mainboard and press a replacement down firmly in to the socket.



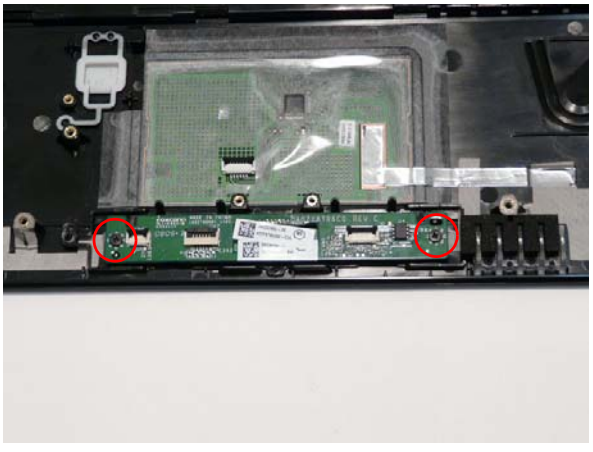
Replacing the TouchPad Board

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

1. Insert the board into the Upper Cover. Take care to align the mounting pins with the holes on the board.

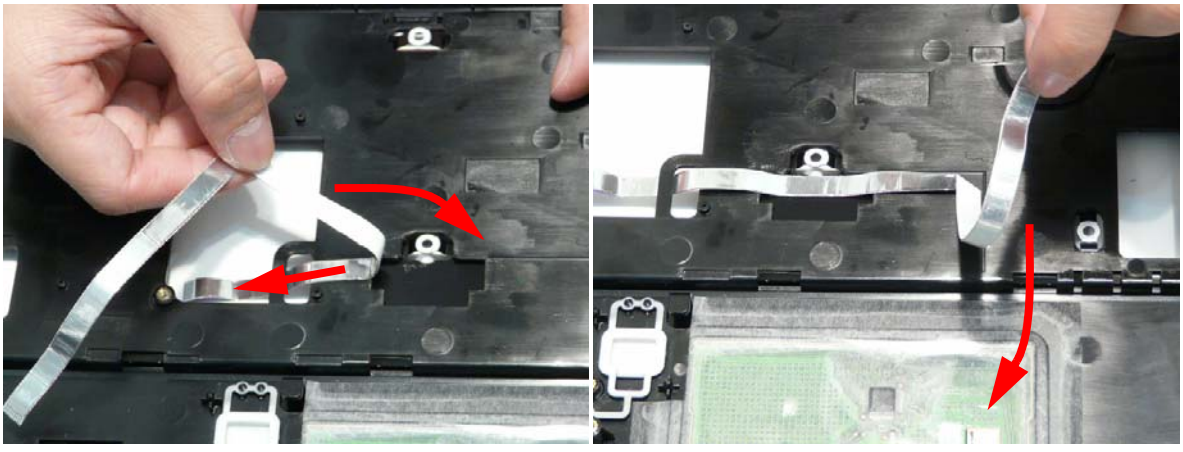


2. Remove the two screws securing the TouchPad Board in place.

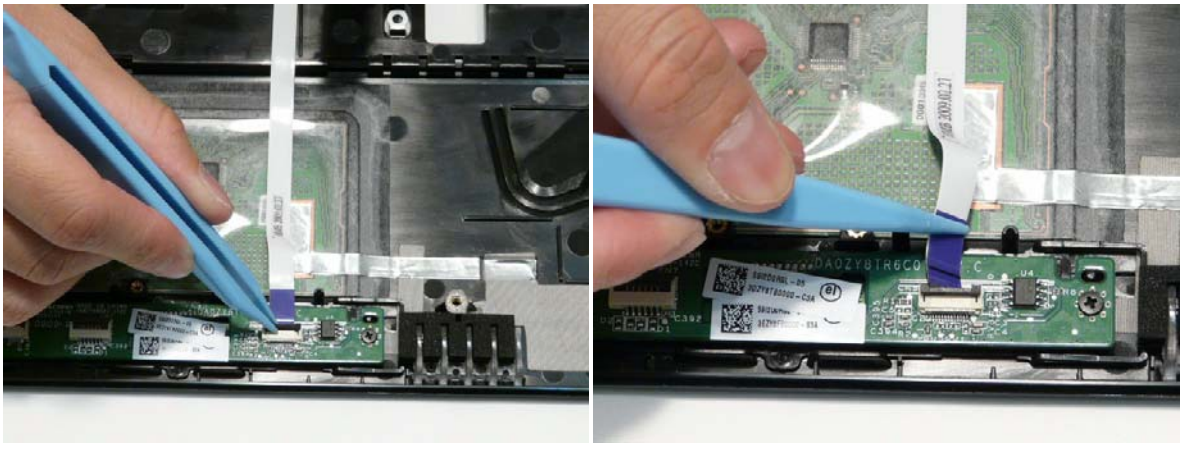


Step	Size	Quantity	Screw Type
Finger Print Reader	M2*3	2	

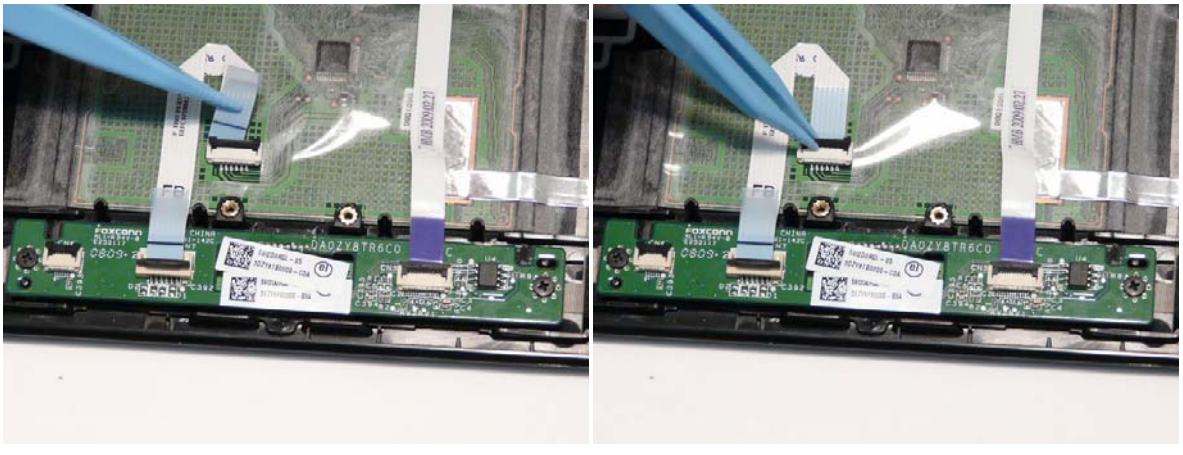
3. Insert the FFC through the slot in the Upper Cover and adhere as shown.



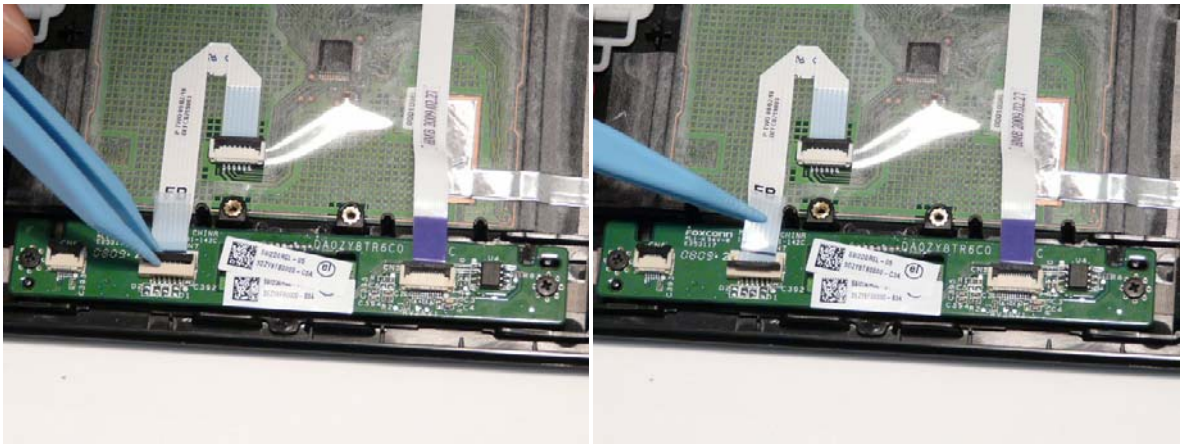
4. Connect the Mainboard FFC to the TouchPad Board and close the locking latch.



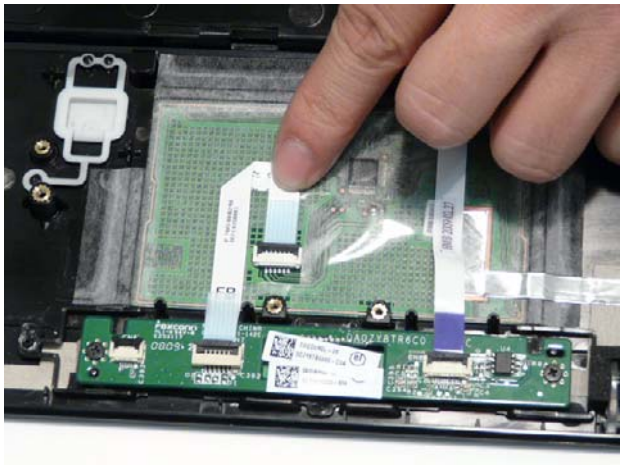
5. Connect the TouchPad FFC to the TouchPad Board and close the locking latch.



6. Connect the TouchPad FFC to the TouchPad and close the locking latch.

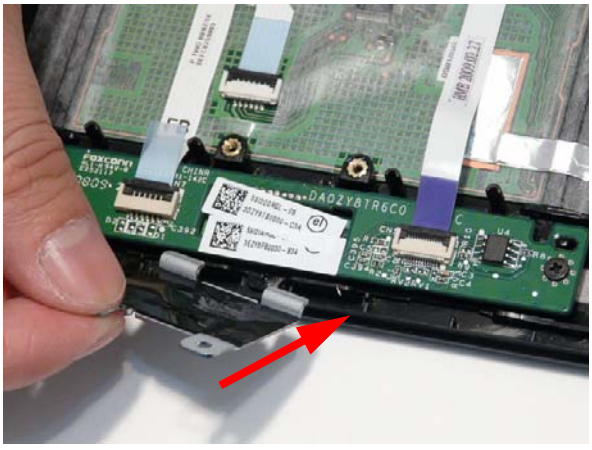


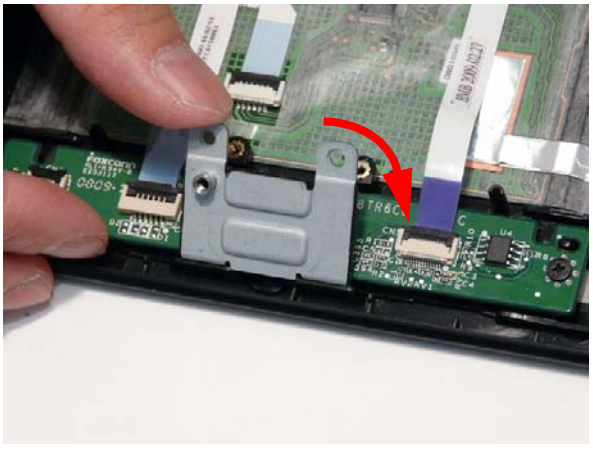
7. Apply the FFC to the Upper Cover as shown.



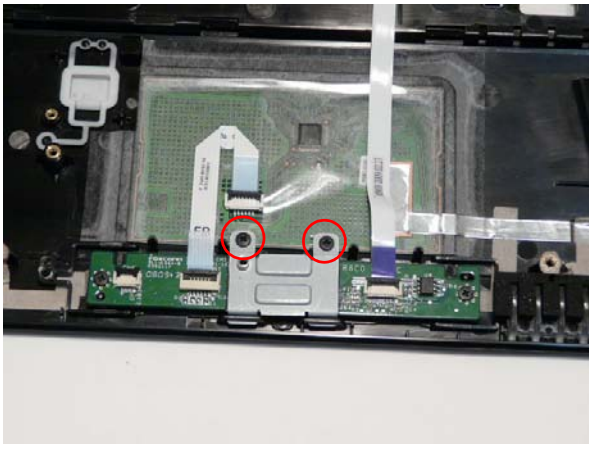
Replacing the Finger Print Reader Bracket

1. Insert the tabs in the bottom of the fingerprint reader bracket into the upper cover and rotate the bracket into place as shown.





2. Insert the two screws to secure the bracket to the Upper Cover.

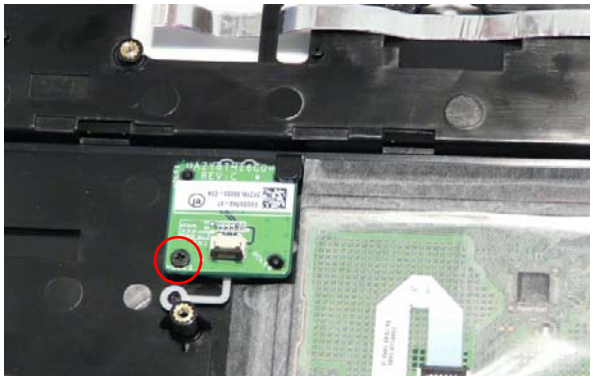


Step	Size	Quantity	Screw Type
Finger Print Reader Bracket	M2*3	2	

Replacing the TouchPad Lock Board

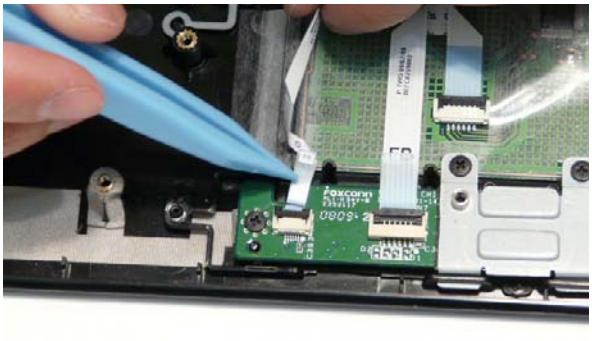
1. Slide the Touchpad board under the securing tab and place into the Upper Cover.

2. Insert the single screw to secure the board to the Upper Cover.

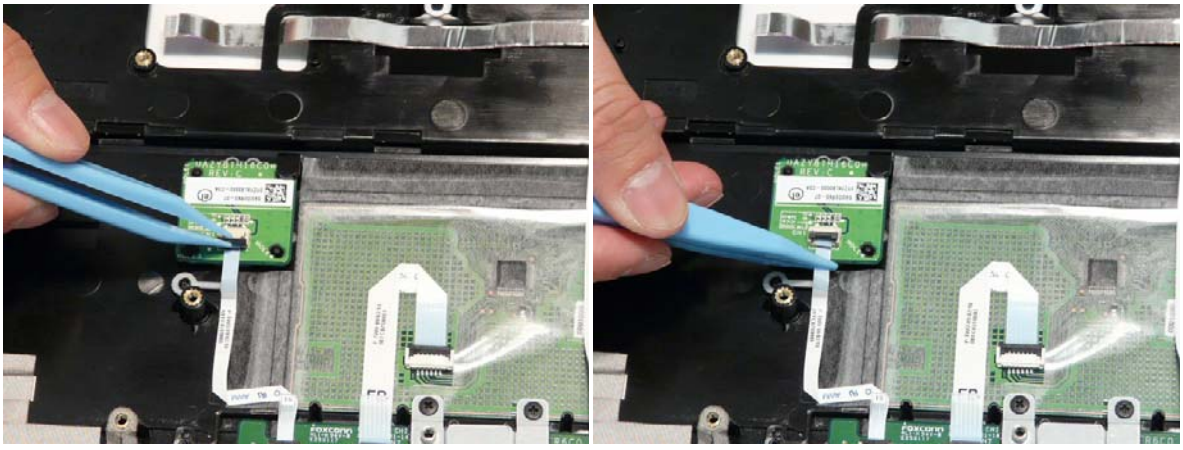


Step	Size	Quantity	Screw Type
TouchPad Lock Board	M2*3	1	

3. Connect the Finger Print Reader FFC to the TouchPad and close the locking latch.



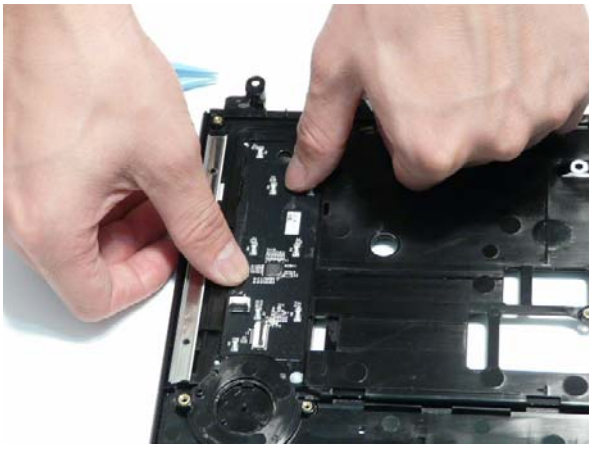
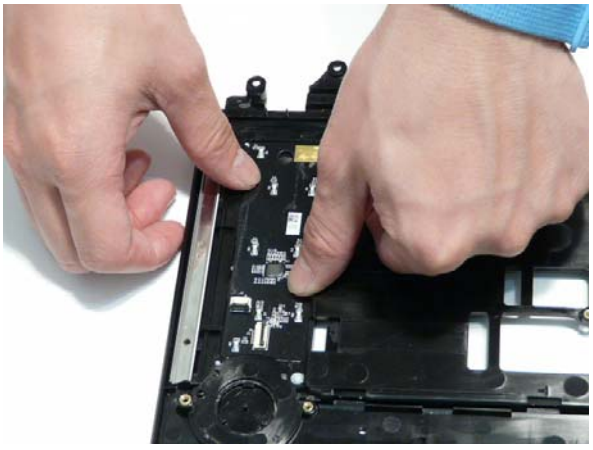
4. Connect the TouchPad Lock Board FFC to the TouchPad Lock Board and close the locking latch.



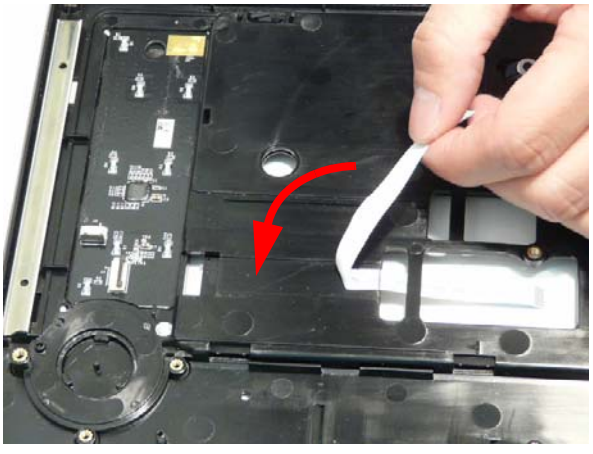
5. Press the FFC onto the adhesive in the Upper Cover to secure it in place.

Replacing the Media Board

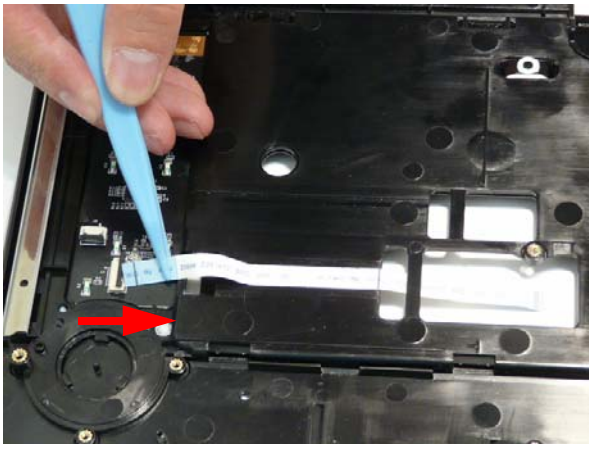
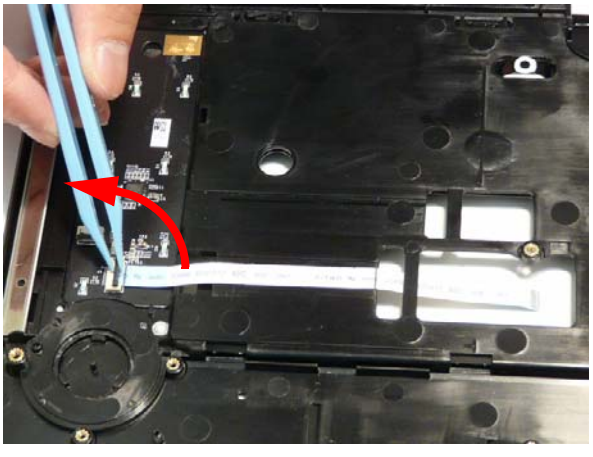
1. Place the media board into the Upper Cover and press into place to secure the Media Board to the Upper Cover.

2. Replace the FFC into the Upper Cover by pressing the FFC onto the adhesive.

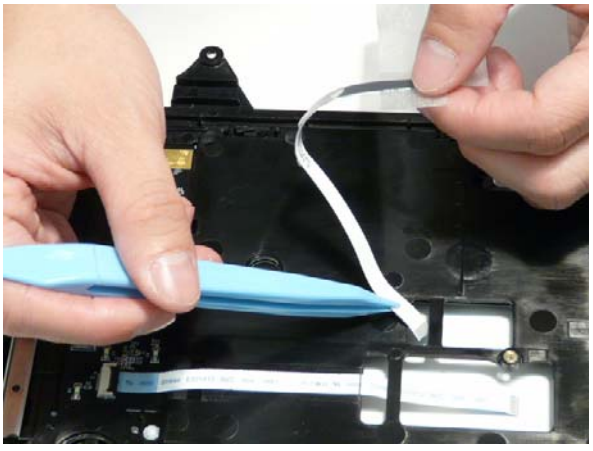


3. Connect the Media Board FFC to the Media Board and close the locking latch on the FFC.

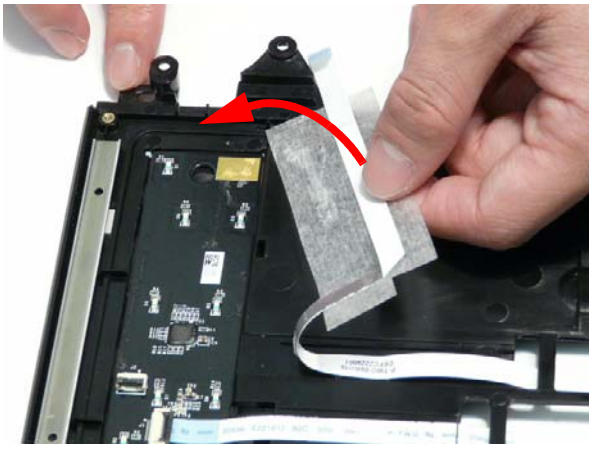



Replacing the Power Saving Board FFC

1. Insert the FFC into the slot in the Upper Cover as shown.



2. Press the FFC and adhesive protector onto the Upper Cover as shown.



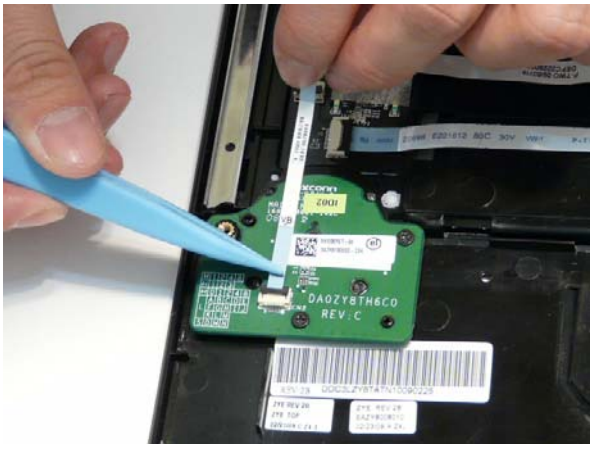
Replacing the Volume Control Board

1. Lift the board clear of the Upper Cover.

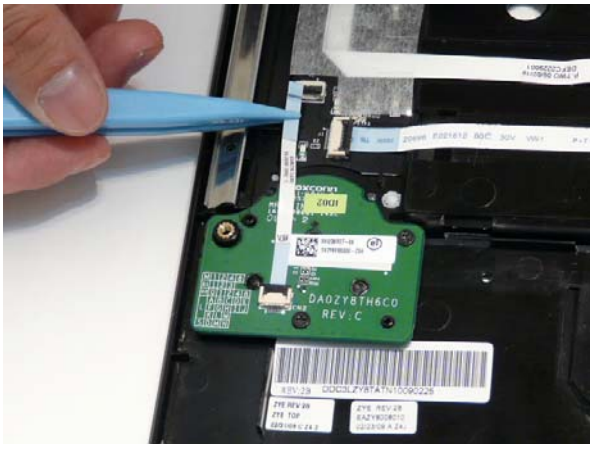
2. Replace the two screws to secure the board to the Upper Cover.

Step	Size	Quantity	Screw Type
Volume Control Board	M2*3	2	

3. Connect the Volume Control FFC to the Volume Control Board and close the locking latch

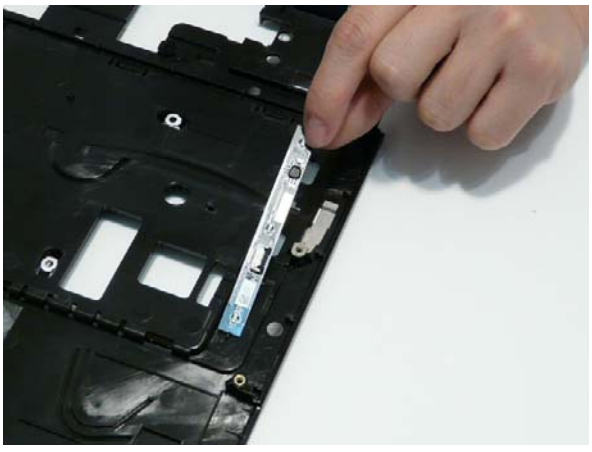
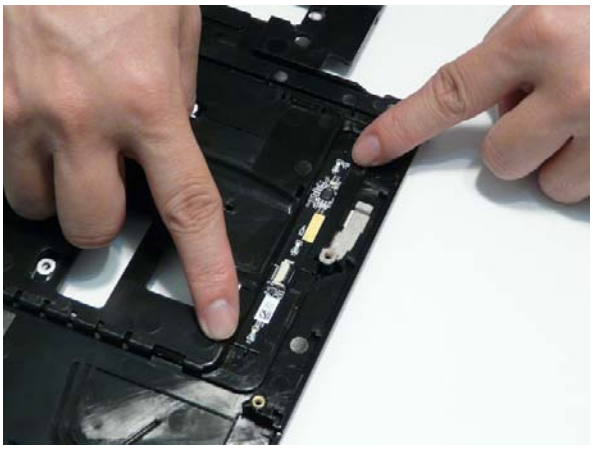


4. Connect the Volume Control FFC to the Media Board and close the locking latch

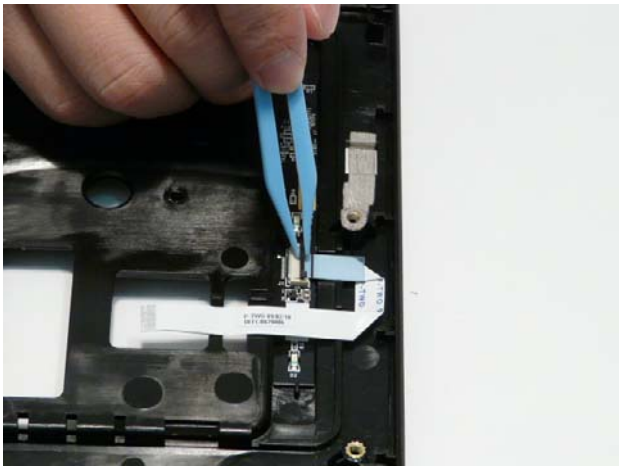


Replacing the Launch Board

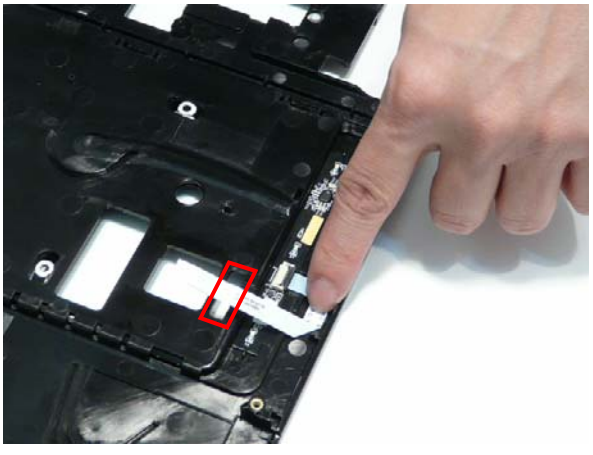
1. Place the Launch Board into the Upper Cover, taking care to align the pins.

2. Connect the Mainboard FFC to the Launch Board and close the locking latch.



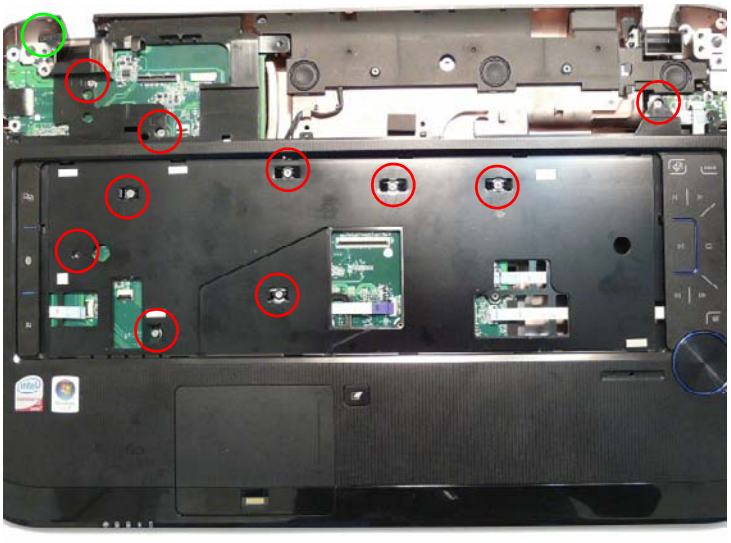
3. Press the FFC onto the adhesive on the Upper Cover to secure it in place and pass the FFC through the opening on the Upper Cover as indicated



Replacing the Upper Case

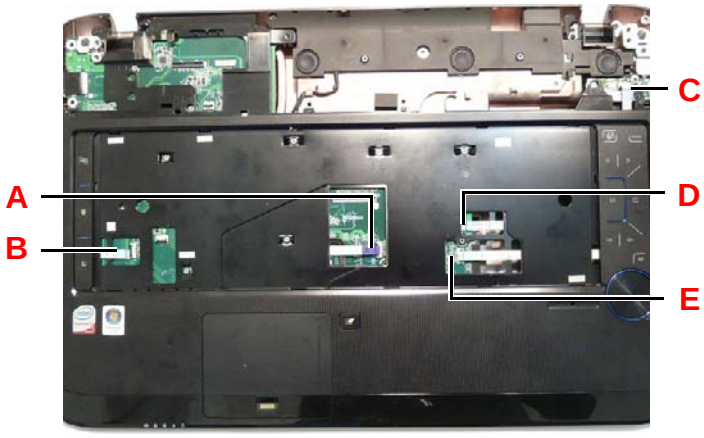
1. Place the upper case on the lower case front edge first.

2. Insert the eleven screws to secure the upper cover to the lower cover.

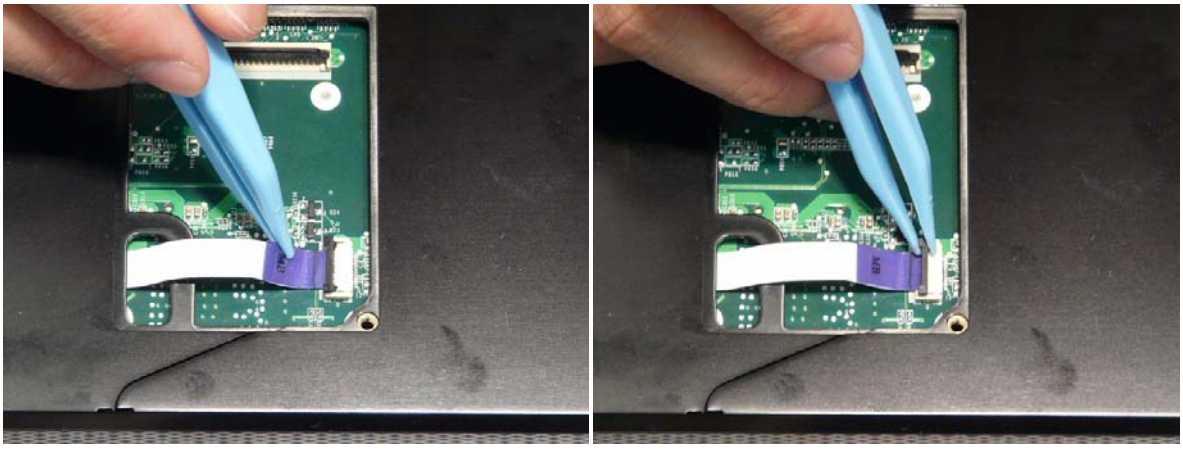


Step	Size	Quantity	Screw Type
Upper Cover (red callout)	M2.5*4	10	
Upper Cover (green callout)	M2*3	1	

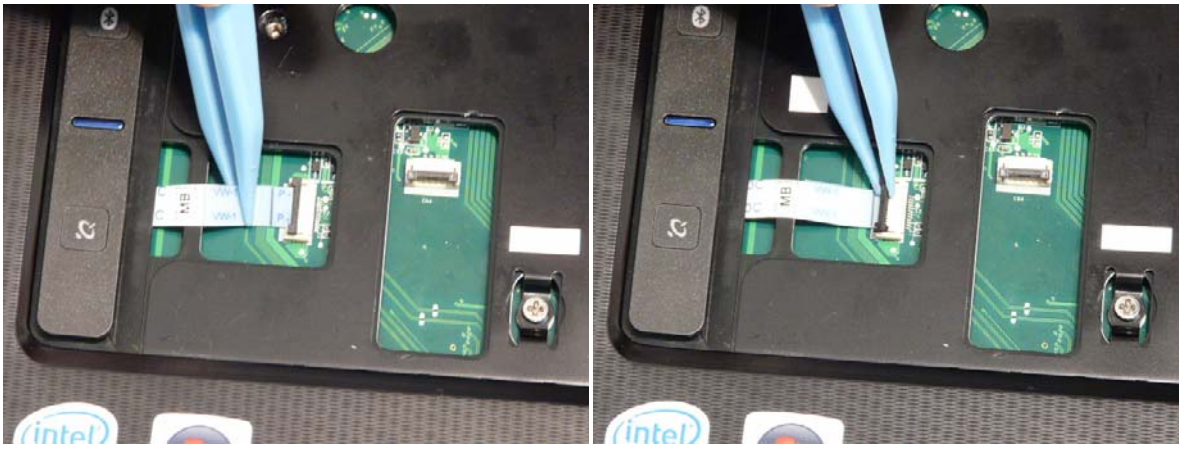
3. Connect the following FFCs (A, B, D, and E) and cables (C, F, and G) to the Mainboard.



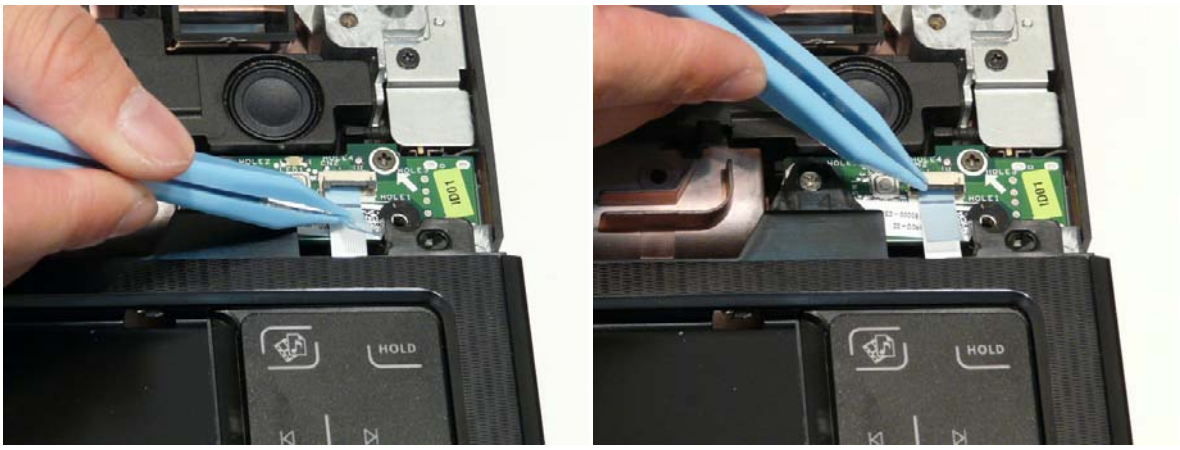
1. Connect the FFC to the Mainboard in position A and close the locking latch.



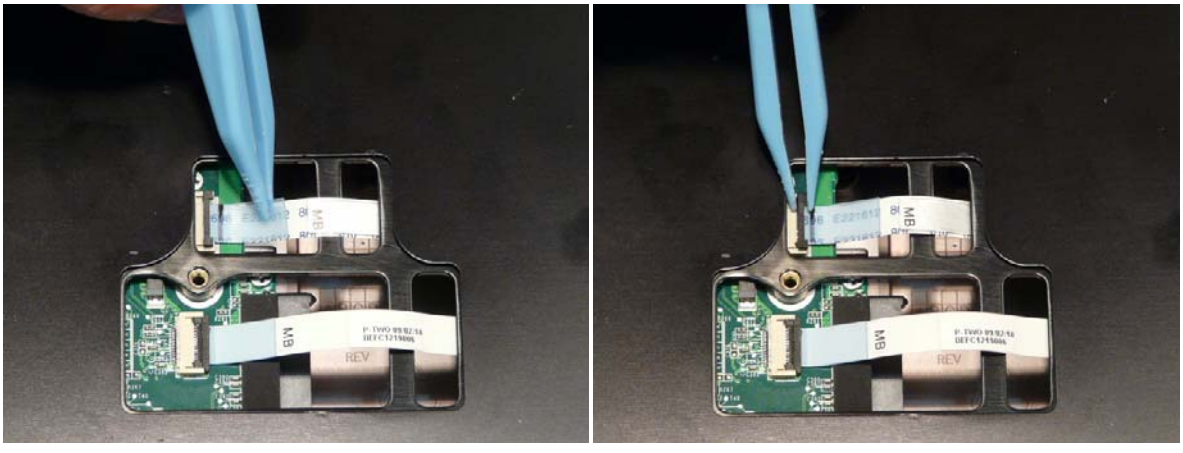
1. Connect the FFC to the Mainboard in position Band close the locking latch.



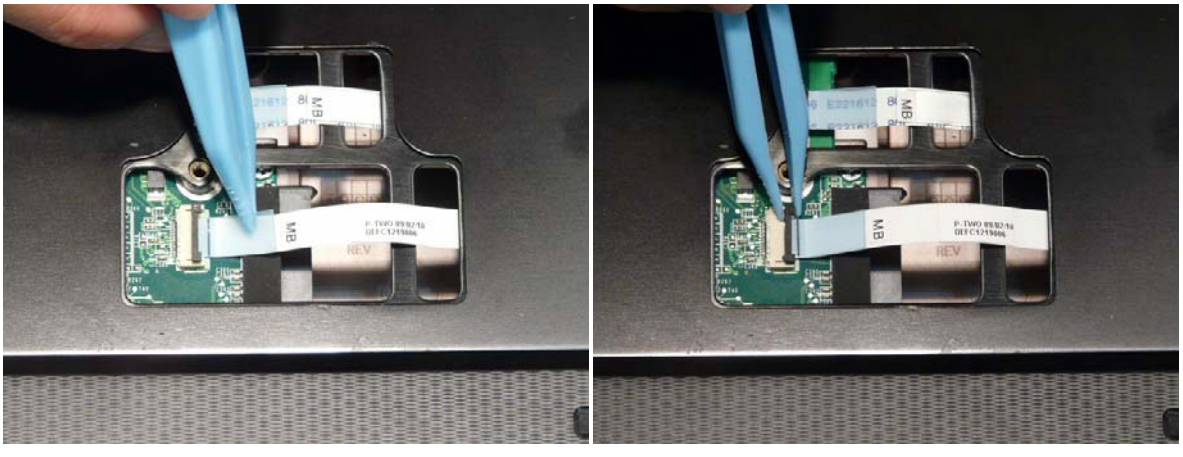
1. Connect the FFC to the Mainboard in position C and close the locking latch.



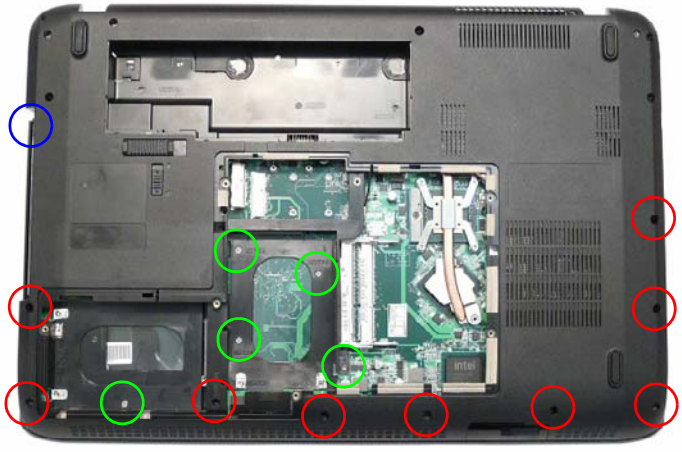
1. Connect the FFC to the Mainboard in position D and close the locking latch.



1. Connect the FFC to the Mainboard in position E and close the locking latch.



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

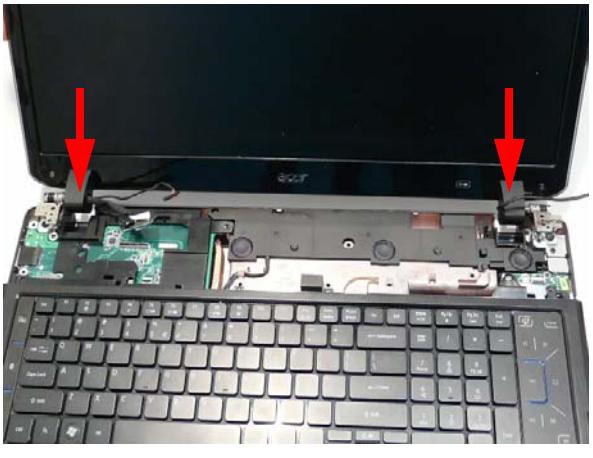


Step	Size	Quantity	Screw Type
Upper Cover (red callout)	M2.5*6.5	9	
Upper Cover (green callout)	M2.5*4	5	
Upper Cover (blue callout)	M2*3	1	

Replacing the LCD Module

1. Using both hands, set the LCD Module into the Lower Cover, taking care to set the mounting pins into the bottom cover.

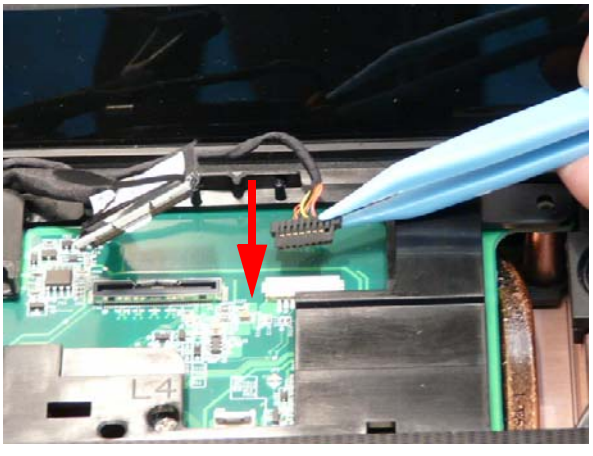
   NOTE: Ensure that the antenna, microphone, and LVDS cables pass through the openings on the hinge wells before securing the LCD module in place.



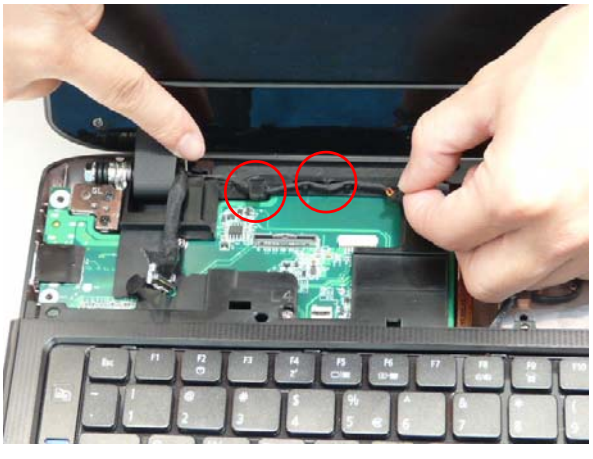
2. Insert the four screws to secure the LCD Module to the Lower Cover.

Step	Size	Quantity	Screw Type
LCD Module	M2.5*6.5	4	

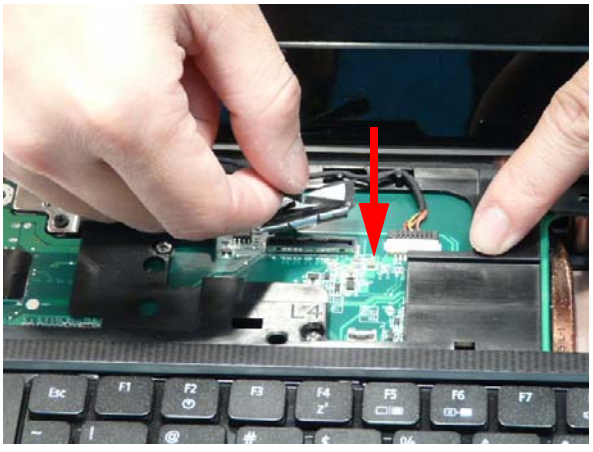
3. Connect the MIcrophone cable to the Mainboard.



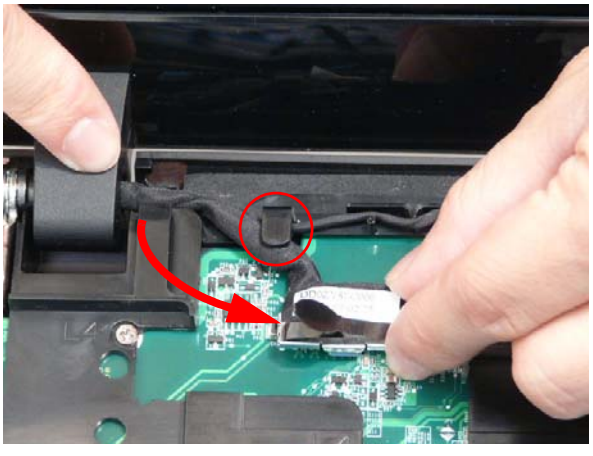
4. Insert the Microphone cable into the cable channel all the way to the Hinge Well.



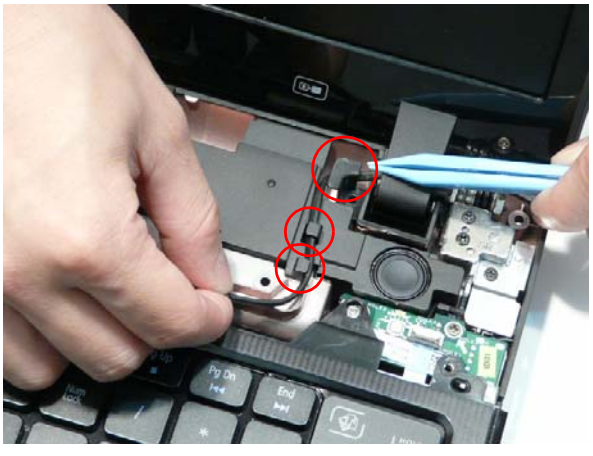
5. Push the LVDS cable onto the connector until it snaps into place.



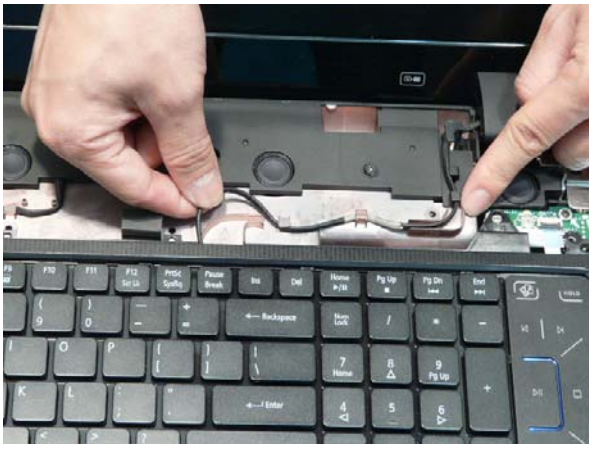
6. Insert the LVDS cable into the cable channel all the way to the Hinge Well. Ensure that the cable passes under all retaining clips.



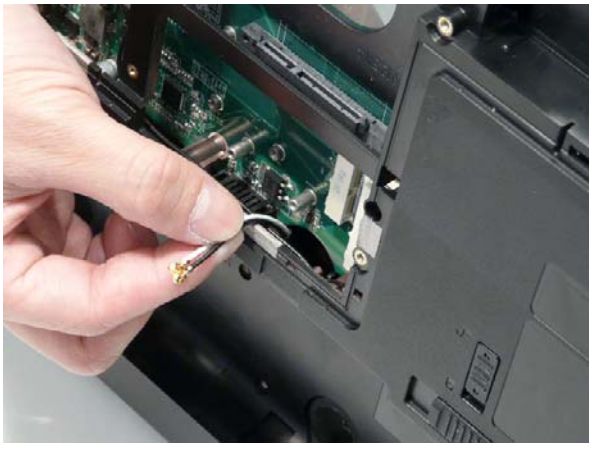
7. Insert the Antenna into the cable channel all the way from the Hinge Well. Ensure that the cables pass under all retaining clips.



8. Push the Antenna cables through the Upper Cover as shown.

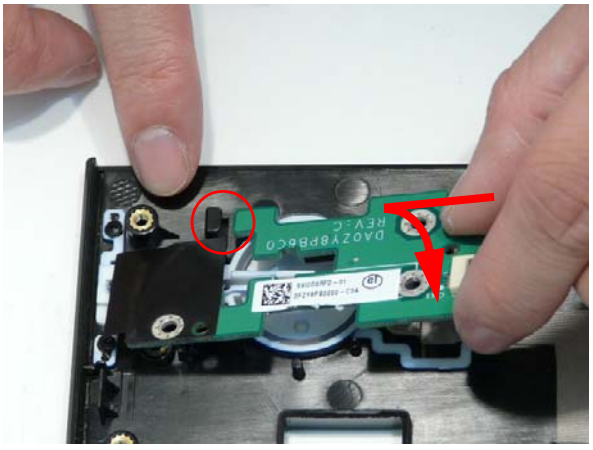


9. Turn the computer over pull the Antenna cables through to take up all slack from the upper cover side.

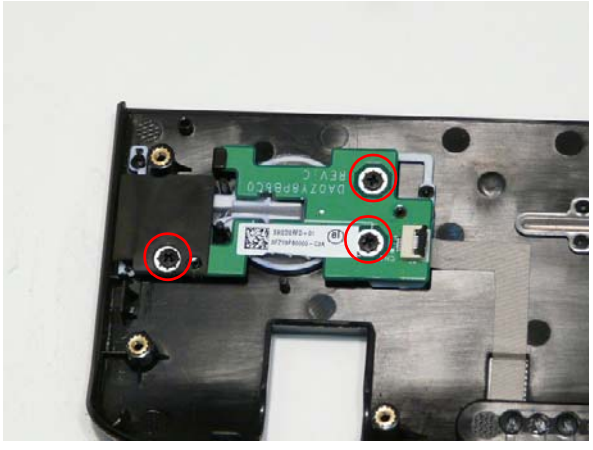


Replacing the Power Board

1. Slide the Power Board under the retaining clip in the Switch Cover and set it in place, taking care to align the screw holes.

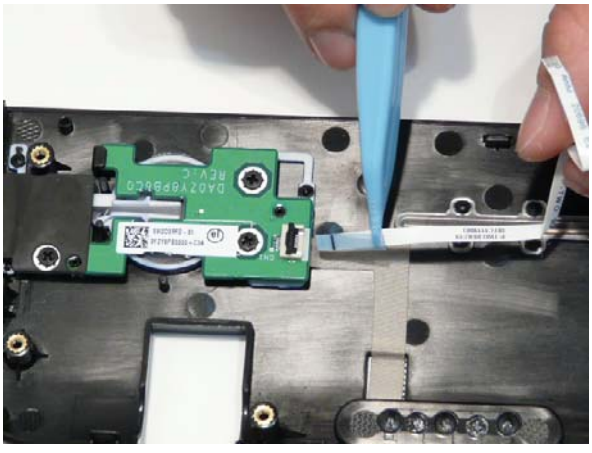


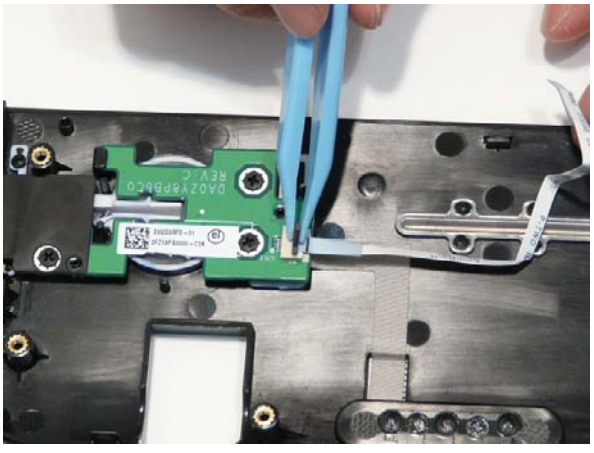
2. Insert the three screws to secure the Power Board to the Switch Cover.



Step	Size	Quantity	Screw Type
Power Board	M2.5*4	3	

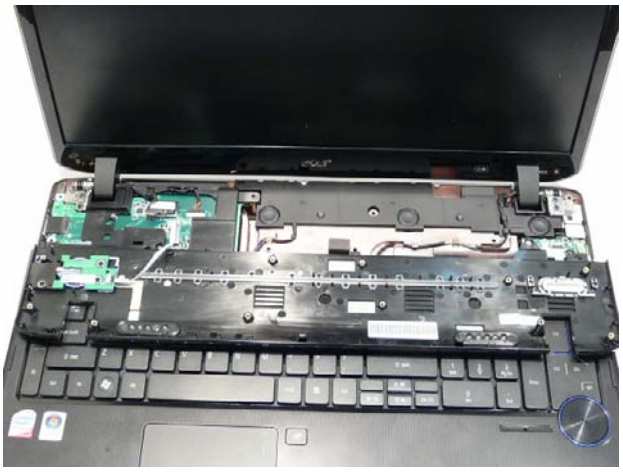
1. Connect the FFC from the Power Board and close the locking latch.



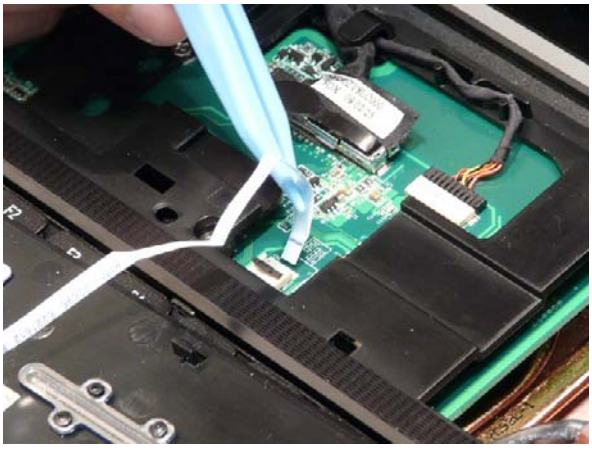
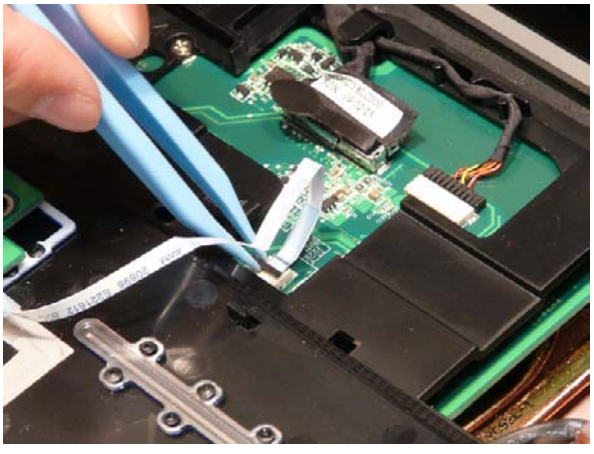


Removing the Switch Cover

1. Place the switch board face-down on top of the upper cover.

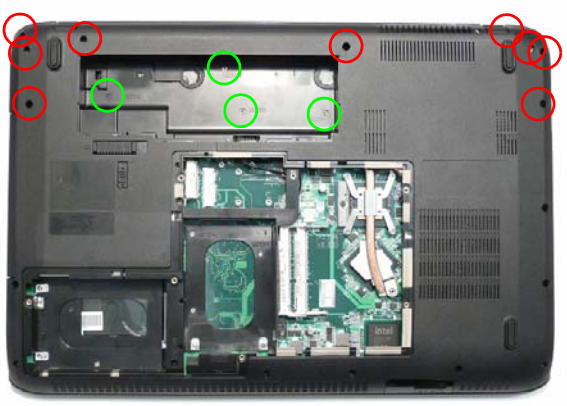


2. Connect the FFC to the Mainboard and close the locking latch.

3. Flip the Switch Cover into place and press down on the top edge until it snaps into place as shown.

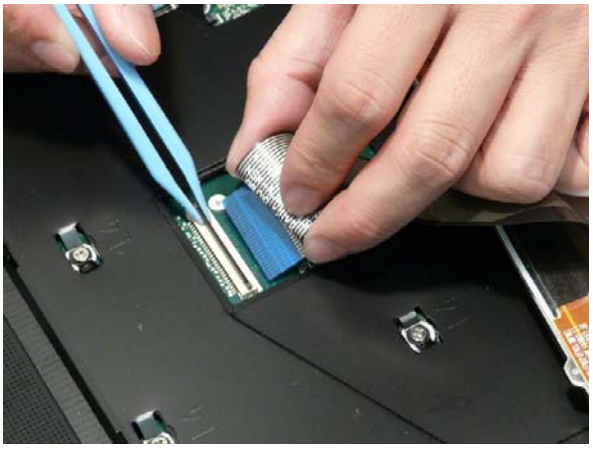

4. Turn the computer over. Replace the thirteen screws to secure the Switch Cover to the Upper Cover.



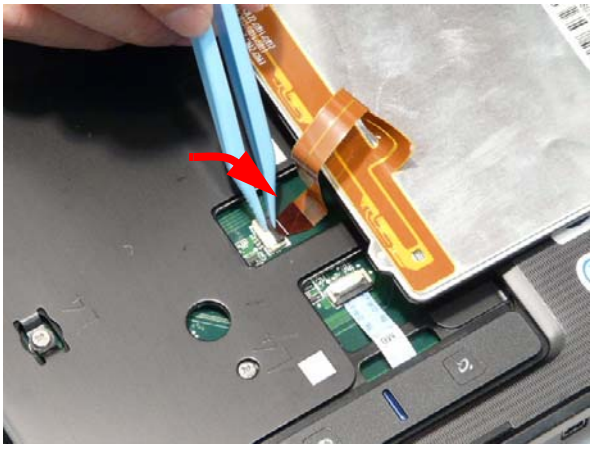
Step	Size	Quantity	Screw Type
Switch Cover (red callout)	M2.5*6.5	9	
Switch Cover (green callout)	M2.5*4	4	

Replacing the Keyboard

1. Place the keyboard face down on the upper cover.
2. Connect the Keyboard cable by inserting the cable into the Mainboard and closing the locking latch.



3. Connect the Backlight cable inserting the cable into the Mainboard and closing the FFC latch.



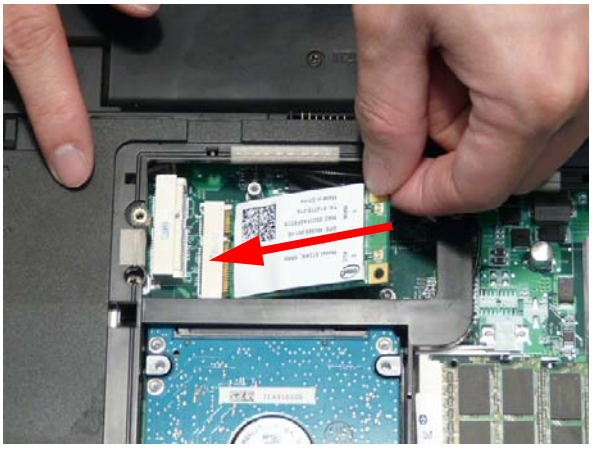
4. Flip the keyboard over and slide the bottom tabs into the holes in the upper cover.

5. Press the Keyboard into the Upper Cover until all the securing clips snap into place.

External Module Reassembly Instructions

Replacing the WLAN Module

1. Insert the WLAN board into the WLAN socket.



2. Replace the single screw to secure the module.

3. Connect the two antenna cables to the module.

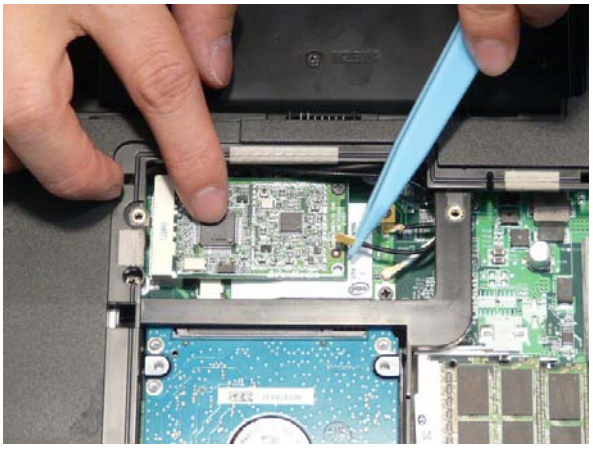
NOTE: The black antenna cable connects to the upper terminal and the white antenna cable to the lower terminal.

Step	Size	Quantity	Screw Type
WLAN Module	M2*3	2	

Replacing the TV Tuner Module

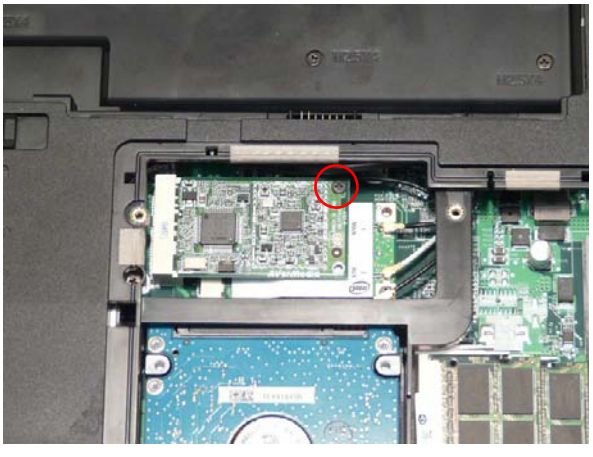
1. Insert the TV Tuner as shown.

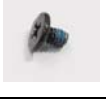
2. Connect the Antenna cable to the TV Tuner as shown.



NOTE: When reattaching the Antenna, ensure the cable is tucked into the chassis to prevent damage.

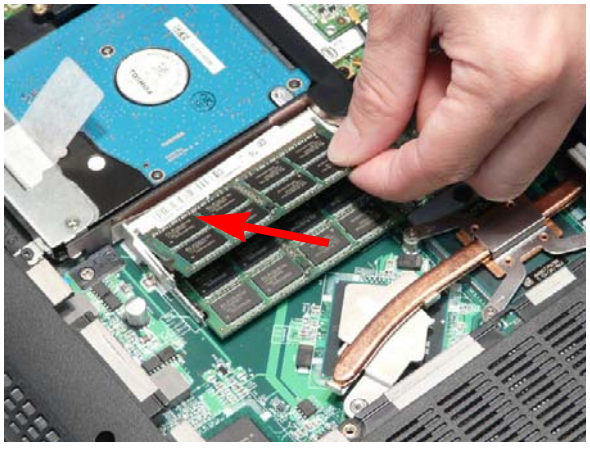
3. Insert the single screw to secure the TV Tuner to the Mainboard.



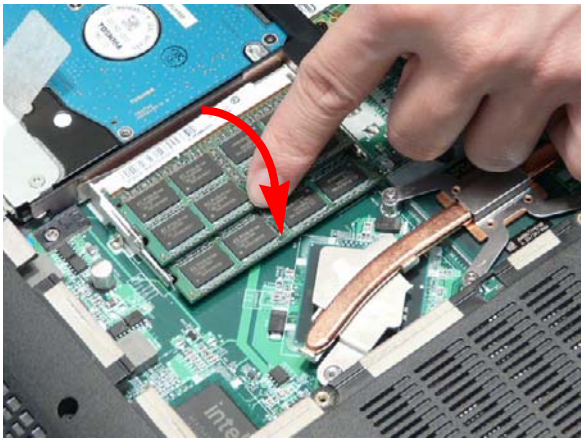
Step	Size	Quantity	Screw Type
TV Tuner	M2*3	1	

Replacing the DIMM Modules

1. Insert the DIMM Module in place.

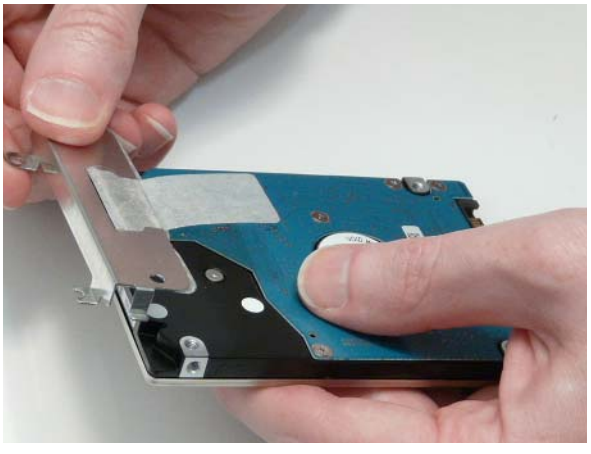


2. Press down to lock the DIMM module in place.

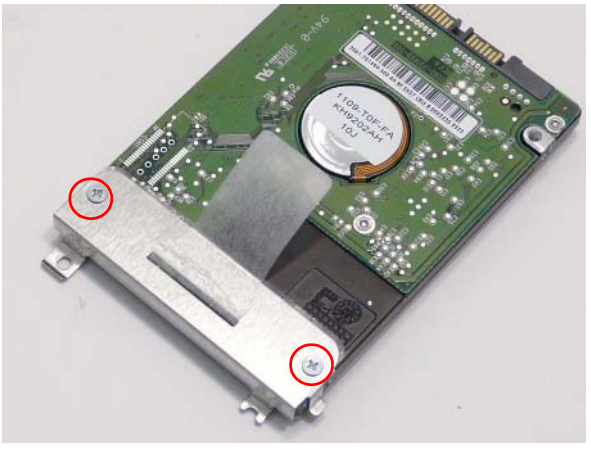


Replacing the Hard Disk Drive Module

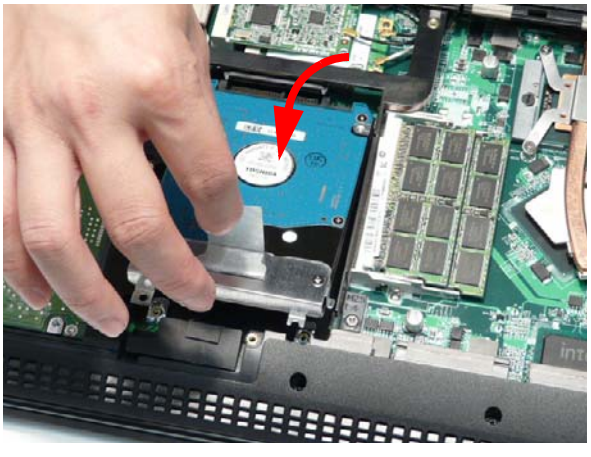
1. Place the HDD in the HDD carrier.



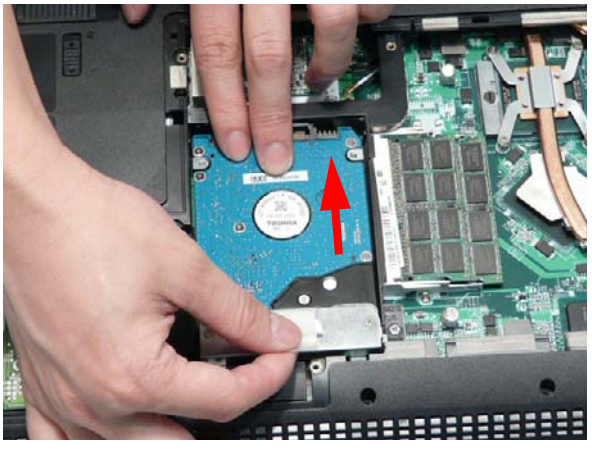
2. Replace the two screws to secure the carrier.



3. Insert the HDD, interface side first, and lower it into place.

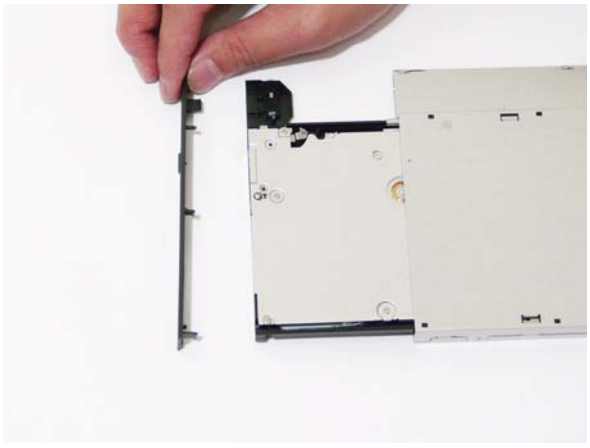


4. Slide the HDD in the direction of the arrow to connect the interface.



Replacing the ODD Module

1. With the ODD tray in the eject position, replace the ODD cover on the new ODD Module.



2. Secure ODD bracket with two screws.

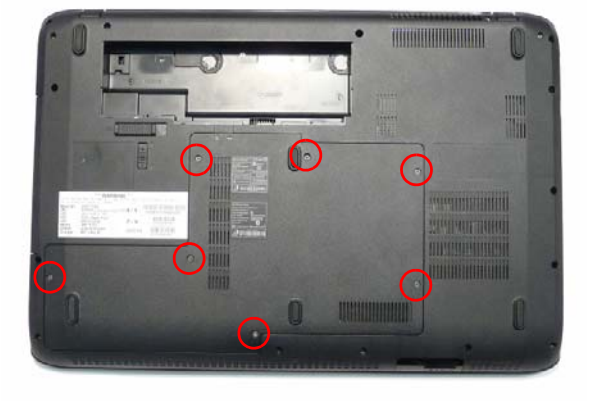
3. Slide the module in to the chassis and press until the module is flush with the chassis.

4. Replace the single screw to secure the Module.

Replacing the Lower Covers

1. Insert the Lower Cover as shown.

2. Tighten the seven captive screws in the Lower Door.



Replacing the SD Dummy Card

Push the SD Dummy into the slot until an audible click indicates that the card is correctly inserted.

Replacing the Battery

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

2. Slide the battery lock in the direction shown to secure the battery in place.

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.

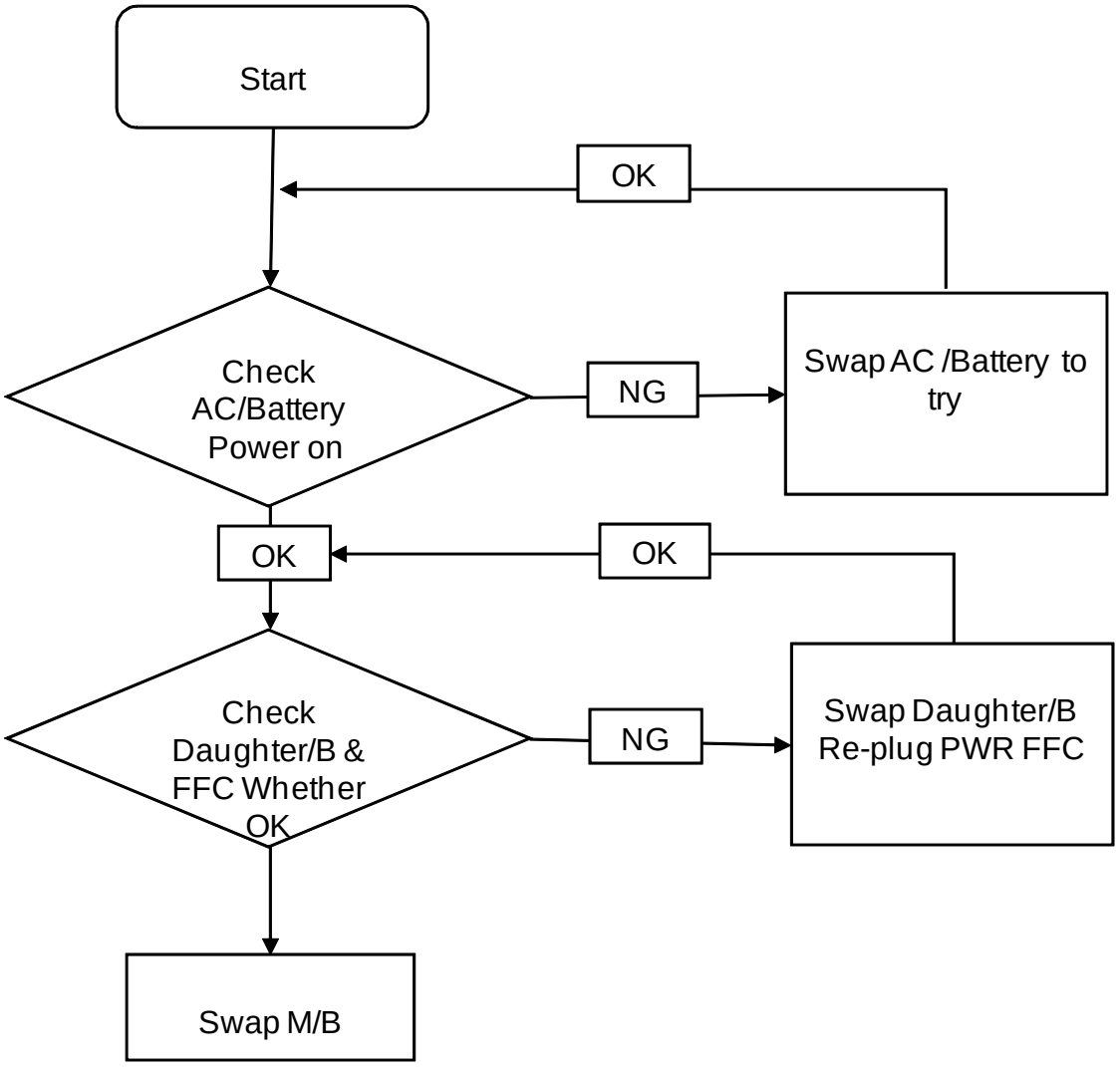
1. Obtain the failing symptoms in as much detail as possible.
2. Verify the symptoms by attempting to re-create the failure by running the diagnostic test or by repeating the same operation.
3. Use the following table with the verified symptom to determine which page to go to.

Symptoms (Verified)	Go To
Power On Issue	Page 192
No Display Issue	Page 193
Random Loss of BIOS Settings	Page 194
LCD Failure	Page 195
Internal Keyboard Failure	Page 196
TouchPad Failure	Page 197
Internal Speaker Failure	Page 198
Internal Microphone Failure	Page 199
HDD Failure	Page 200
USB (Right side) Failure	Page 201
Other Functions Failure	Page 201
Motherboard CMOS discharge	Page 201
Intermittent Failures	Page 201
Undermined Failures	Page 202

4. If the Issue is still not resolved, see “Online Support Information” on page 265.

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:



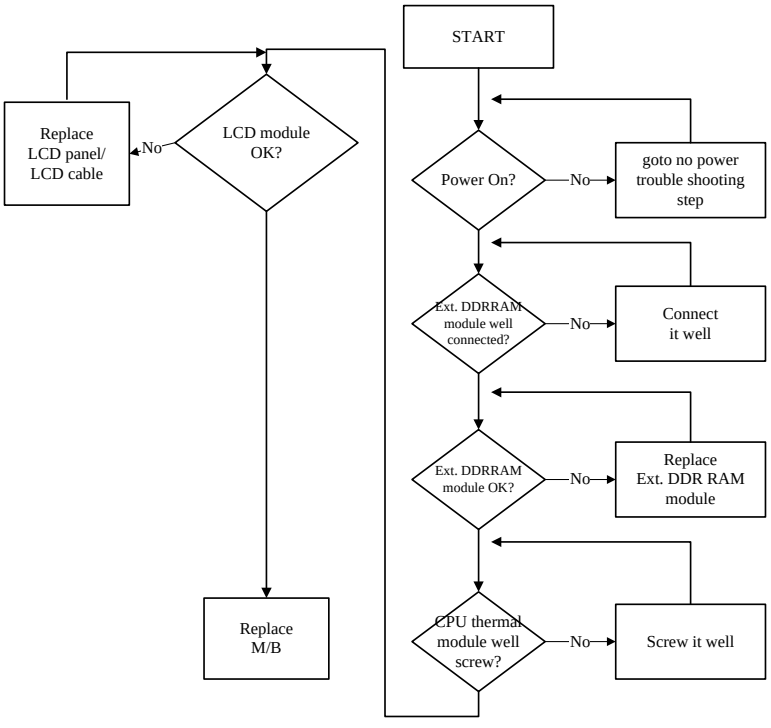
Computer Shuts down Intermittently

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 265.

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 192.
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 195.
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 50).
8. If the Issue is still not resolved, see "Online Support Information" on page 265.

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 50.
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 50.
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 50.
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 265.
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 265.

Random Loss of BIOS Settings

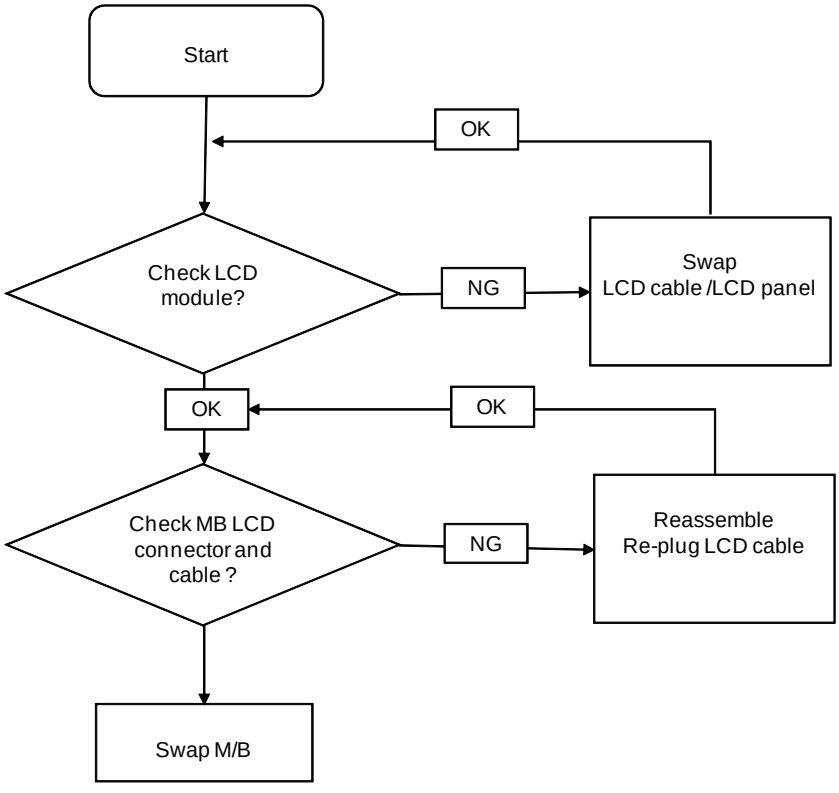
If the computer is experiencing intermittent loss of BIOS information, perform the following actions one at a time to correct the problem.

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 265.

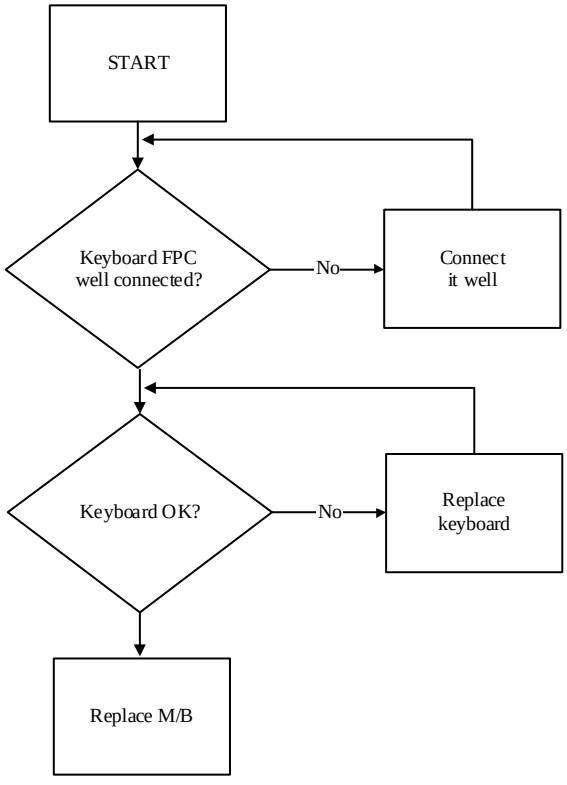
LCD Failure

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



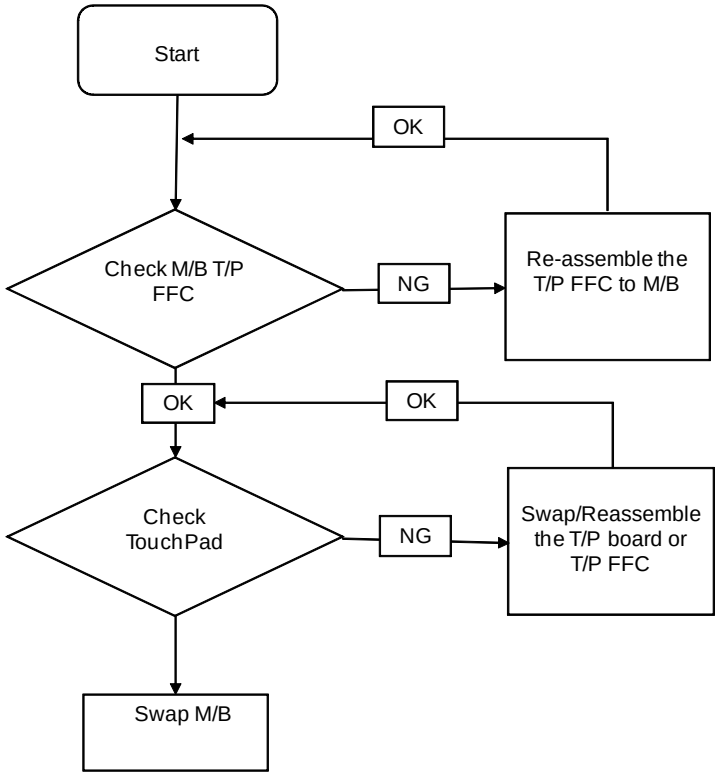
Built-In Keyboard Failure

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



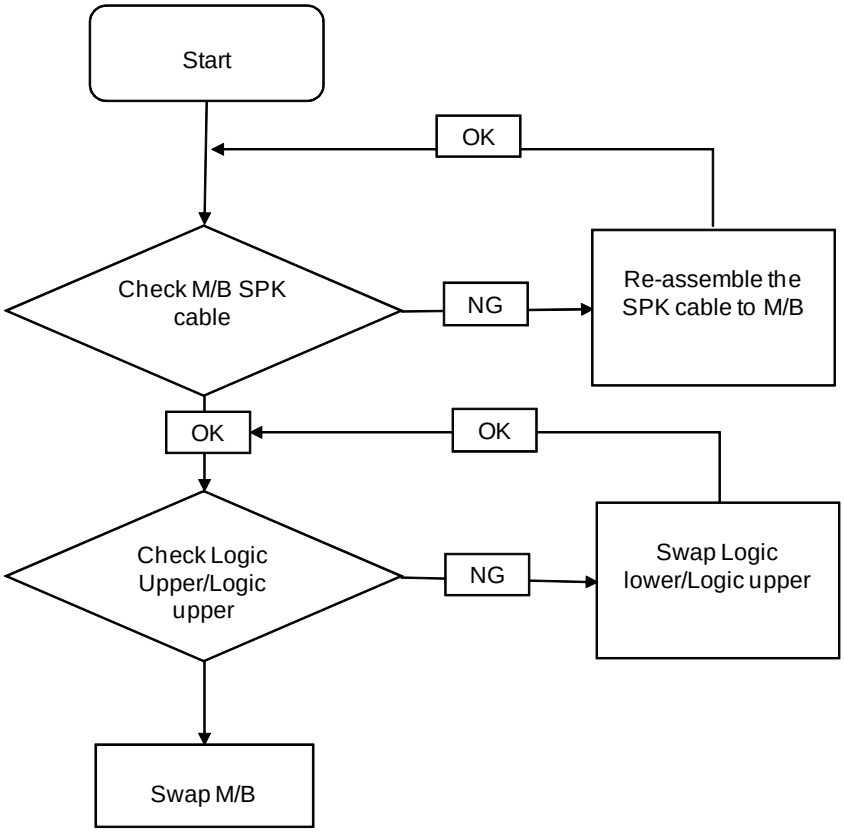
TouchPad Failure

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.

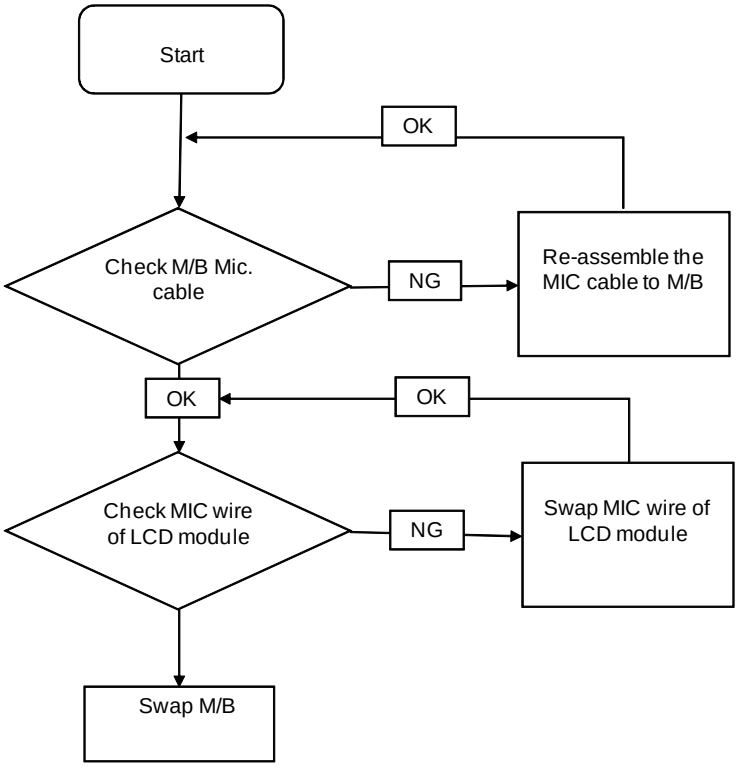
1. Reboot the computer.
2. Navigate to **Start**→ **Control Panel**→ **System and Maintenance**→ **System**→ **Device Manager**. Check the Device Manager to determine that:
   - The device is properly installed.
   - There are no red Xs or yellow exclamation marks.
   - There are no device conflicts.
   - 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 265.

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 265.

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 7 Startup Repair Utility:
   a. insert the Windows 7 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.

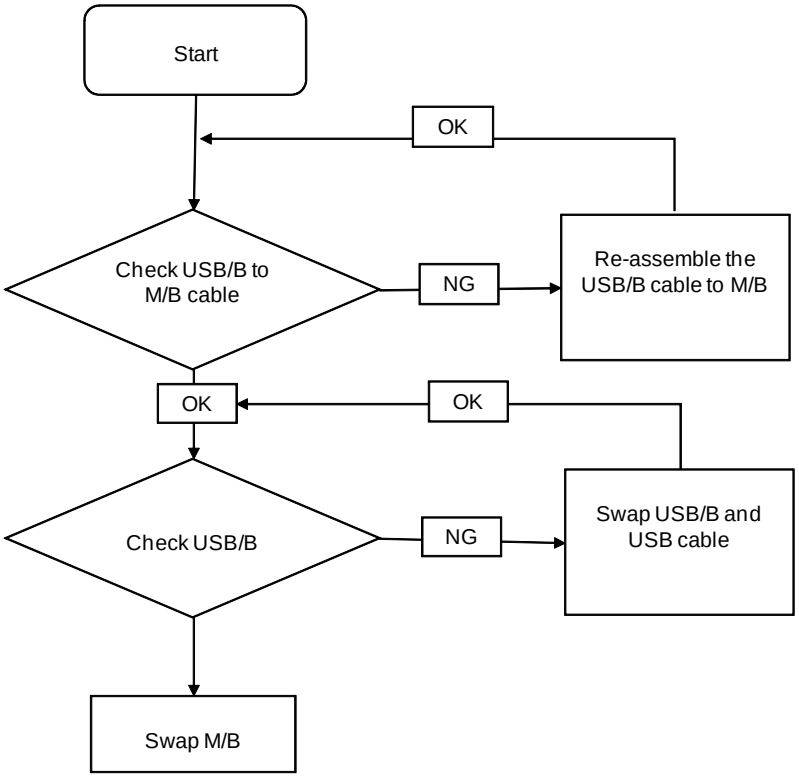
   g. Select **Startup Repair**.
   h. Startup Repair attempts to locate and resolve issues with the computer.
   i. When complete, click **Finish**.

   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 50.

USB (Right Up/Down Side) Failure

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



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 192.):

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

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

Chipset POST Codes

The following table details the chipset POST codes and functions used in 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

Code	Beeps	POST Routine Description
3Ah		Autosize cache
3Ch		Advanced configuration of chipset registers
3Dh		Load alternate registers with CMOS values
42h		Initialize interrupt vectors
45h		POST device initialization
46h	2-1-2-3	Check ROM copyright notice
48h		Check video configuration against CMOS
49h		Initialize PCI bus and devices
4Ah		Initialize all video adapters in system
4Bh		QuietBoot start (optional)
4Ch		Shadow video BIOS ROM
4Eh		Display BIOS copyright notice
50h		Display CPU type and speed
51h		Initialize EISA board
52h		Test keyboard
54h		Set key click if enabled
58h	2-2-3-1	Test for unexpected interrupts
59h		Initialize POST display service
5Ah		Display prompt "Press F2 to enter SETUP"
5Bh		Disable CPU cache
5Ch		Test RAM between 512 and 640 KB
60h		Test extended memory
62h		Test extended memory address lines
64h		Jump to 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

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

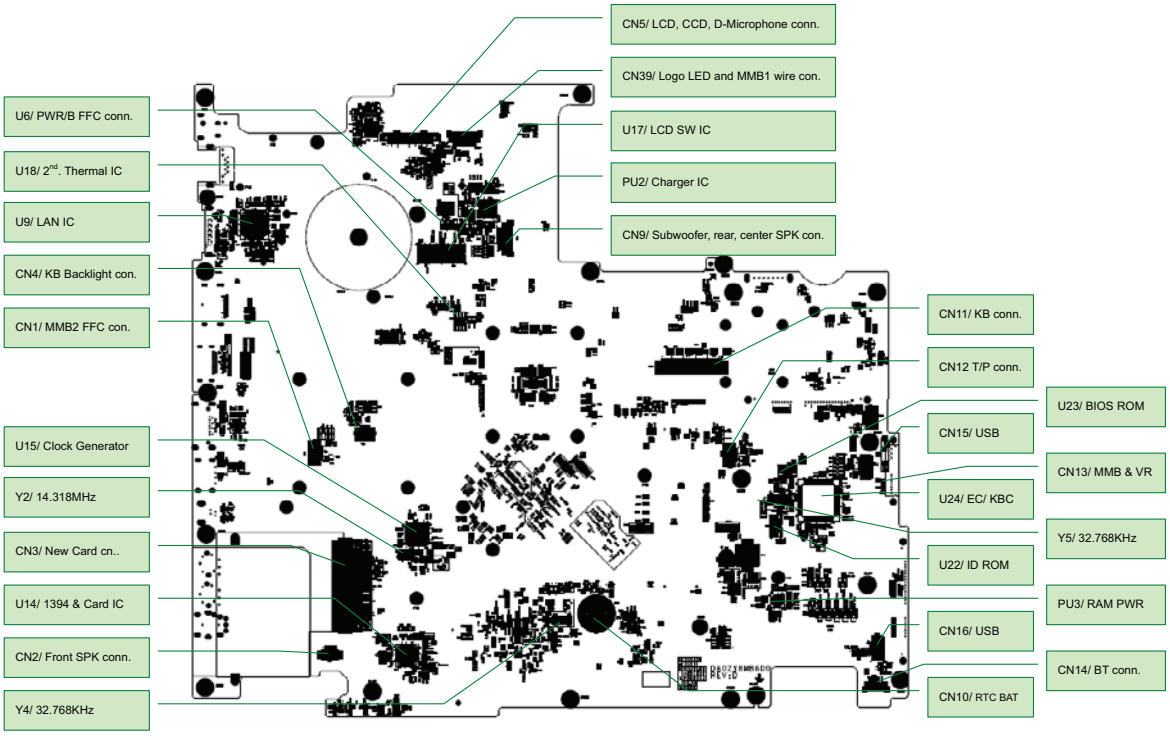
Code	Beeps	POST Routine Description
C1h		Initialize POST Error Manager (PEM)
C2h		Initialize error logging
C3h		Initialize error display function
C4h		Initialize system error handler
C5h		PnPnd dual CMOS (optional)
C6h		Initialize notebook docking (optional)
C7h		Initialize notebook docking late
C8h		Force check (optional)
C9h		Extended checksum (optional)
D2h		Unknown interrupt

Code	Beeps	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.

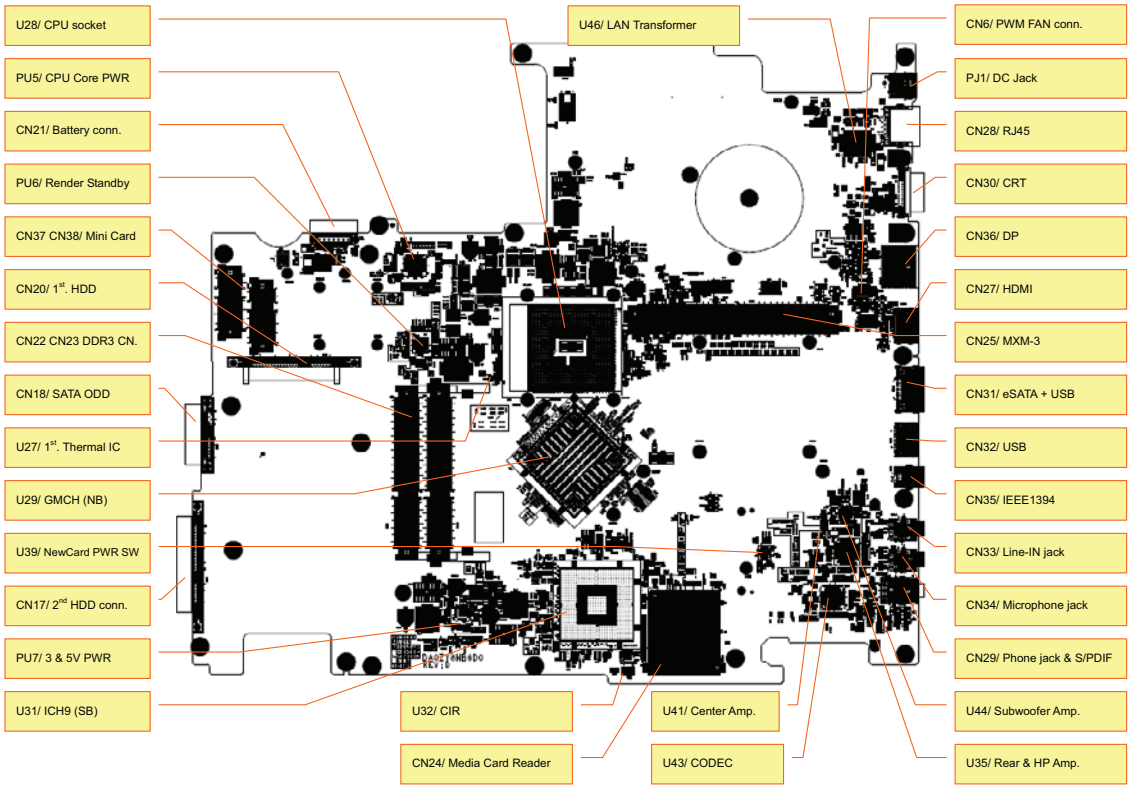
Jumper and Connector Locations

Top View



Item	Description	Item	Description
U6	PWR/B FFC connector	PU2	Charger IC
U18	Second thermal IC	CN9	Subwoofer, rear, center SPK connector
U9	LAN IC	CN11	KB connector
CN4	KB Backlight connector	CN12	T/P connector
CN1	MMB2 FFC connector	U23	BIOS ROM
U15	Clock Generator	CN15	USB
Y2	14.318MHz	CN13	MMB & VR
CN3	New Card connector	U24	EC/ KBC
U14	1394 & Card IC	Y5	32.768KHz
CN2	Front SPK connector	U22	ID ROM
Y4	32.768KHz	PU3	RAM PWR
CN5	LCD, CCD, D-microphone conn.	CN16	USB
CN39	Logo LED and MMB1 wire connector	CN14	BT connector
U17	LCD SW IC	CN10	RTC BAT

Bottom View



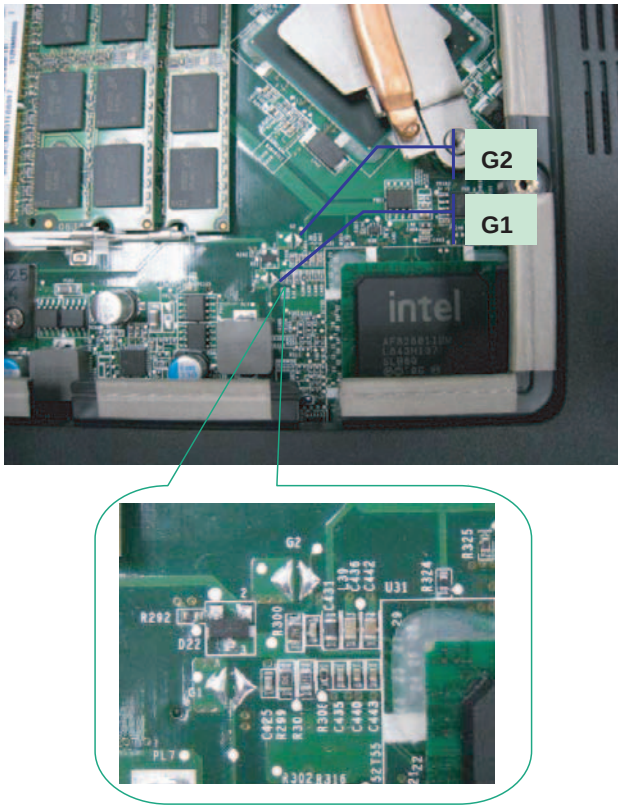
Item	Description	Item	Description
U28	CPU socket	CN28	RJ45
PU5	CPU Core PWR	CN30	CRT
CN21	Battery conn.	CN36	DP
PU6	Render Standby	CN27	HDMI
CN37 CN38	Mini Card	CN25	MXM-3
CN20	First HDD	CN31	eSATA + USB
CN22 CN23	DDR3 CN	CN32	USB
CN18	SATA ODD	CN35	IEEE1394
U27	First Thermal IC	CN33	Line-IN jack
U29	GMCH (NB)	CN34	Microphone jack
U39	New Card PWR SW	CN29	Phone jack & S/PDIF
CN17	Second HDD conn.	U44	Subwoofer Amp.
PU7	3 & 5V PWR	U35	Rear & HP Amp.
U31	ICH9 (SB)	U43	CODEC
U46	LAN Transformer	U41	Center Amp.
CN6	PWM FAN conn.	CN24	Media Card Reader
PJ1	DC Jack	U32	CIR

Clearing Password Check and BIOS Recovery

This section provide you the standard operating procedures of clearing password and BIOS recovery for Aspire 8940. Aspire 8940 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 is as follows:



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

1. Power off the system, and unplug the AC and Battery from the machine.
2. Open the Hard Drive and RAM doors.
3. Remove the Hard drive
4. Remove the mylar as shown in the above figure
5. Find the appropriate HW Gap on M/B as shown in the picture.
    - G2 is the Secondary RTC Reset. This signal resets the manageablility register bits in the RTC well when the TRTC battery is removed. The SRTCRST# input must always be high when all other RTC power planes are on. In the case where the RTC Battery is dead or missing on the platform, the SRTCRST# pin must rise before the RSMRST# pin.
    - G3 is the RTC Reset. When asserted, this signal resets register bits in the RTC well. Unless the CMOS is being cleared (only to be done in the G3 power state), the RTCRST# input must always be high when all other RTC power planes are on. In the case where the RTC Battery is dead or missing on the platform, the RTCRST# pin must rise before the RSMRST# pin.
6. Use an electric conductivity tool to short the two points of the HW Gap G3.

7. Plug in AC, keeping the HW Gap shorted, and press Power Button to power on the system till BIOS POST finish. Then remove the tool from the HW Gap.
8. Restart system. Press F2 key to enter BIOS Setup menu.

If there is no Password request, the BIOS Password has been successfully 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 USB flash crisis disk:

Before doing this, prepare the Crisis USB key. The Crisis USB key 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 disk.
2. Launch the ***wincris.exe*** program to create a USB Crisis Disk. Click **Start** to initiate the process.
3. Select the **Quick Format** option to format the disk and click **Start**. Follow the instructions on the screen to create the disk.
4. Copy the ***KAYF0X64.fd*** BIOS file into USB flash disk root directory.

NOTE: Do not place any other *.fd file in the USB flash disk root directory.

To use the Crisis USB key, do the following:

1. Plug USB storage into USB port.
2. Press **Fn + ESC** button then plug in AC power.

   The Power button flashes orange once.
3. Press **Power** button to initiate system CRISIS mode.

   When CRISIS is complete, the system auto restarts with a workable BIOS.
4. Update the latest version BIOS for this machine by regular BIOS flashing process.

FRU (Field Replaceable Unit) List

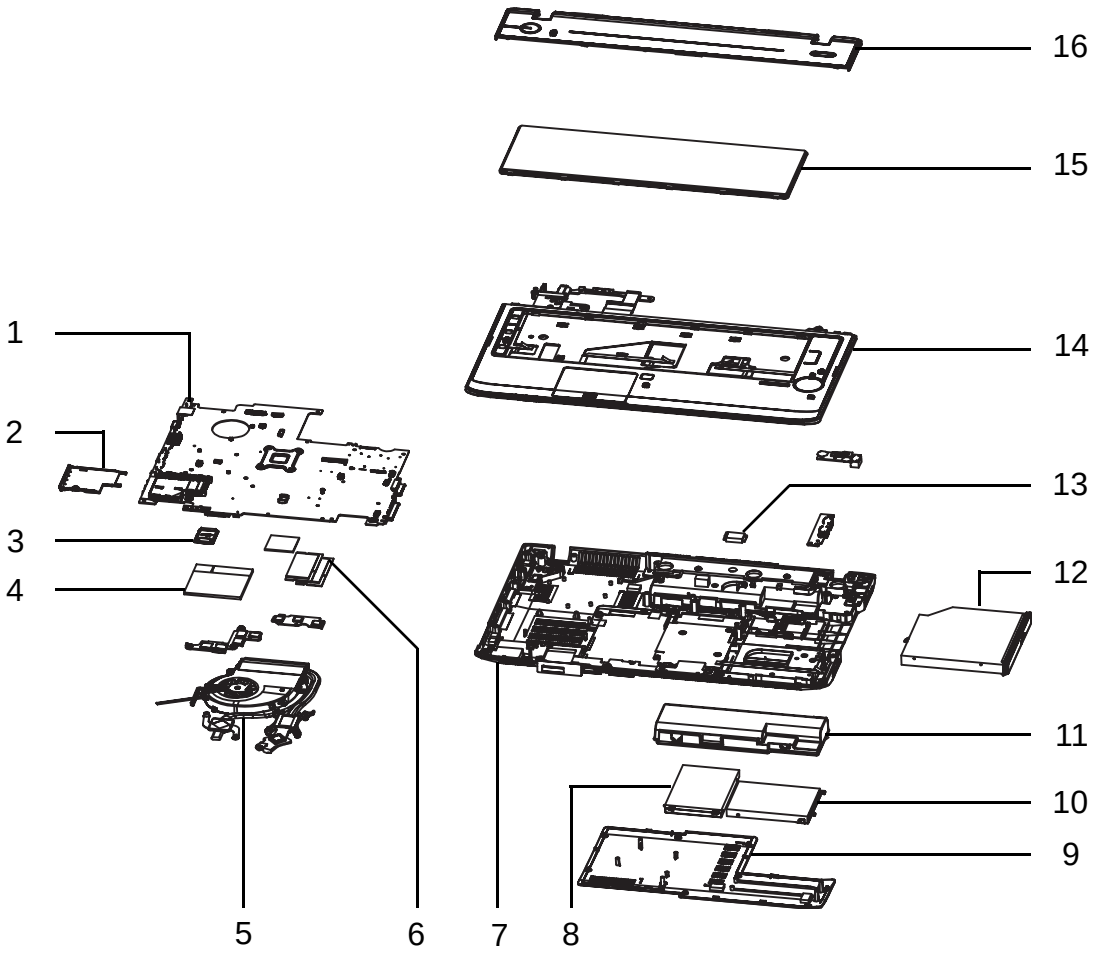
This chapter gives you the FRU (Field Replaceable Unit) listing in global configurations of Aspire 8940. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).

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.

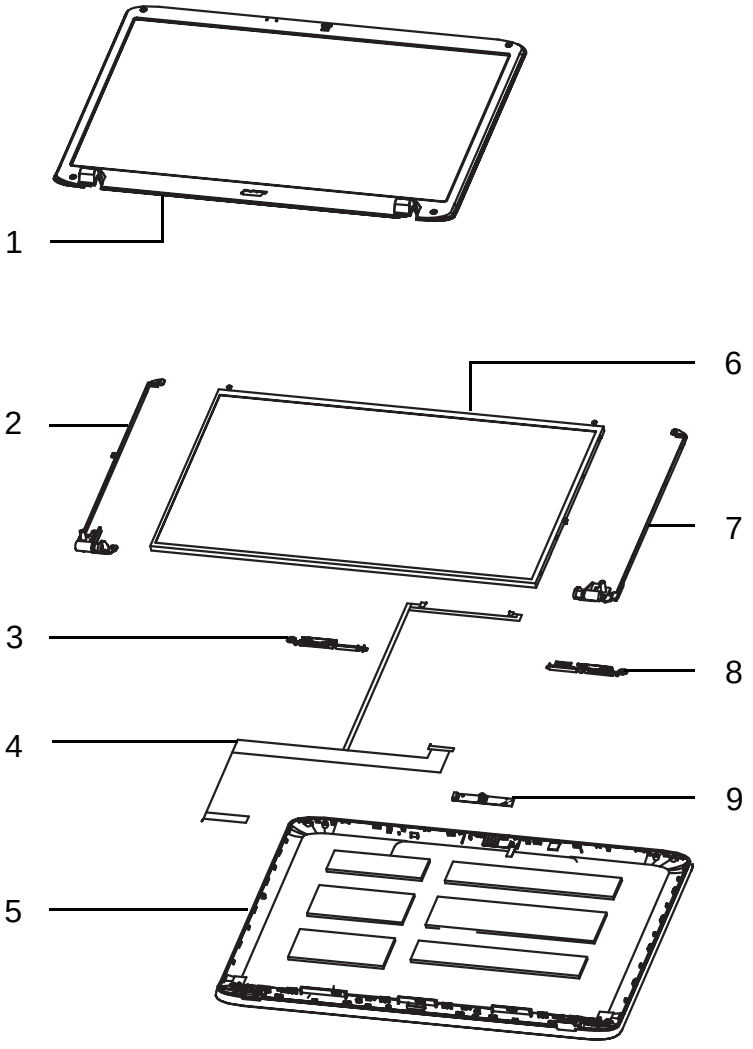
Aspire 8940 Exploded Diagrams

Main Chassis



No.	Description	Acer P/N	No.	Description	Acer P/N
1	Mainboard	MB.PJJ06.001	9	Lower Door	42.PJJ07.001
2	Dummy New Card	42.PDA07.003	10	HDD1	KH.16001.042
3	Dummy 4-in-1 Card	42.PDA07.004	11	Battery	BT.00803.024
4	Graphics Card	VG.10P06.004	12	ODD	KO.00405.002
5	Thermal Module for MXM	60.PJJ07.006	13	Bluetooth	BH.21100.004
6	Memory	KN.2GB04.004	14	Upper Cover	60.PJJ07.001
7	Lower Cover	60.PJP07.001	15	Keyboard	KB.I170A.005
8	HDD2	KH.16001.042	16	Switch Cover	55.PJJ07.003

LCD Assembly



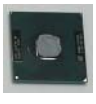
No.	Description	Acer P/N	No.	Description	Acer P/N
1	LCD Bezel	60.PH507.001	6	LCD Panel	LK.1840D.003
2	LCD Bracket w/ hinge - L	33.PD207.002	7	LCD Bracket w/ hinge - R	33.PD207.001
3	Antenna_L	60.PJJ07.003	8	Antenna_R	60.PJJ07.003
4	LCD Cable for CCD	50.PDA07.002	9	Camera	57.PDA07.001
5	LCD Module	6M.PJJ07.004			

NOTE: Antennas are not supplied separately. The part number given is for the LCD Module which includes the Antennas.

Aspire 8940 FRU List

Category	Description	Acer PN.
Adapter		
	Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF	AP.12001.009
Battery		
	Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON	BT.00803.024
	Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON	BT.00804.020
	Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS	BT.00807.015
Board		
	Foxconn Bluetooth BRM 2046 BT2.1 (T60H928.33) f/ w:861	BH.21100.004
	Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004	KI.SPM01.005
	Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361 TA#E14718-014	KI.SPM01.003
	Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541	KI.SPM01.008
	Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545	KI.SPM01.009
	POWER BOARD	55.PJJ07.002
	SWITCH BOARD	55.PJJ07.003
	USB BOARD	55.PJJ07.004
	TOUCHPAD BOARD W/FP	55.PJJ07.001
	MSI VGA Card nVidia N10PGS DDRIII 1024M 800MHz 64*16 MXM 3.0 Type A w/ Samsung K4W1G1646E-HC12	VG.10P06.004
	MSI VGA Card nVidia N10PGS DDRIII 1024M 800MHz 64*16 MXM 3.0 Type A w/ Hynix H5TQ1G63BFR-12C	VG.10P06.005
	MSI VGA Card nVidia N10EGE DDRIII 1024M 800Mhz 64*16 MXM 3.0 Type A w/Samsung K4W1G1646E-HC12	VG.10E06.004
	MSI VGA Card nVidia N10EGE DDRIII 1024M 800Mhz 64*16 MXM 3.0 Type A w/Hynix /H5TQ1G63BFR-12C	VG.10E06.005
	DVB-T Mini-card TT-1260DA w/DiBCOM DIB7070P+DiB0700C rev.D	TU.23100.015
	DVB-T Mini-card TT-1281DA w/DiBCOM DIB7770	TU.23100.023
Cable		

Category	Description	Acer PN.
	PWR CORD V943B30001218008 DANISH 3P	27.A03V7.006
	PWR CORD(ISR)1.8M 3PBLK FZ0I0008-038	27.TATV7.005
	PWR CORD V50CB3T3012180QD TW-110V,3P	27.A99V7.002
	POWER CORD(SWI)1.8M 3PBLACK FZ010008-011	27.A99V7.004
	POWER CORD(IT) 1.8M 3PBLACK FZ010008-008	27.A99V7.005
	POWER CORD(S.A) 1.8M 3BLACK FZ010008-006	27.T48V7.001
	POWER CORD US 3PIN ROHS	27.TAXV7.001
	POWER CORD(EU) 1.8M 3PBLACK FM010008-010	27.TATV7.001
	POWER CORD(UK) 1.8M 3PBLACK FP010008-013	27.TATV7.003
	POWER CORD BRAZIL IMETRO 3 PIN	27.S0607.001
	POWER CORD(S.A) 1.8M 3BLACK FZ010008-006	27.T48V7.001
	BLUETOOTH CABLE	50.PDA07.011
	FFC CABLE - P/B TO MB	50.PDA07.001
	FFC CABLE - TP TO TP/B	50.PDA07.003
	FFC CABLE - TP_LOCK TO TP/B	50.PDA07.004
	FFC CABLE - TP/B TO MB	50.PDA07.005
	FFC CABLE - MMB3 TO MB	50.PDA07.006
	FFC CABLE - MMB3 TO VR/B	50.PDA07.007
	FFC CABLE - MMB3 TO S/B	50.PDA07.008

Category	Description	Acer PN.
	FFC CABLE - MMB2 TO MB	50.PDA07.009
	FFC CABLE - USB/B TO MB	50.PDA07.010
Case/Cover/Bracket Assembly		
	MIDDLE COVER	42.PDA07.001
	UPPER CASE ASSY W/TP, TP FFC, TP_LOCK FFC, TP/B FFC, MMB3, MMB3 FFC, VR FFC, S/B FFC, MMB2, MMB2 FFC	60.PJJ07.001
	LOWER CASE ASSY W/SPEAKER, SPEAKER FRONT, USB/B FFC, TV-IN CABLE	60.PJP07.001
	LOWER CASE ASSY W/SPEAKER, SPEAKER FRONT, USB/B FFC W/O TV	60.PJJ07.002
	BASE COVER W/RUBBER	42.PJJ07.001
	TP BOARD HOLDER	33.PDA07.001
	DUMMY NEW CARD	42.PDA07.003
	DUMMY 4 IN 1 CARD	42.PDA07.004
	VGA SUPPORT BRACKET NVIDIA	33.PDA07.002
CPU/Processor		
	CPU Intel Core i7 720QM 1.6G 6M 1333 45W	KC.72001.QMP
	CPU Intel Core i7 820QM 1.73G 8M 1333 45W	KC.82001.QMP
Super Multidrive		
	DVD/RW SUPER MULTI MODULE	6M.PJJ07.001
	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633C LF W/O bezel SATA (HF + Windows 7)	KU.00801.035
	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT30N LF W/O bezel SATA (HF + Windows 7)	KU.0080D.048
	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7585H LF W/O bezel SATA (HF + Windows 7)	KU.0080E.027
	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A4SH LF W/O bezel SATA (HF + Windows 7)	KU.0080F.006
	ODD BEZEL - SUPER MULTI	42.PDA07.005

Category	Description	Acer PN.
	ODD BRACKET	33.PDA07.003
Combo Drive		
	BD COMBO MODULE	6M.PJJ07.002
	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA (Windows 7)	KO.0040F.003
	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel FW 1.E1 SATA (Windows 7)	KO.0040E.002
	ODD BRACKET	33.PDA07.003
	ODD BEZEL - BD COMBO	42.PDA07.006
	BLUE RAY RW MODULE	6M.PJJ07.003
	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA (Windows 7)	KU.00405.015
	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer F/W: 1003	TBD
	ODD BRACKET	33.PDA07.003
	ODD BEZEL - BD RW	42.PDA07.006
HDD		
	HDD HGST 2.5"" 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C	KH.16007.019
	HDD WD 2.5"" 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11	KH.16008.022
	HDD HGST 2.5"" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F	KH.25007.015
	HDD WD 2.5"" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11	KH.25008.021

Category	Description	Acer PN.
	HDD SEAGATE 2.5"" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1	KH.25001.016
	HDD TOSHIBA 2.5"" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J	KH.25004.003
	HDD HGST 2.5"" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F	KH.32007.007
	HDD WD 2.5"" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11	KH.32008.013
	HDD SEAGATE 2.5"" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1	KH.50001.011
	HDD TOSHIBA 2.5"" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J	KH.50004.001
	HDD HGST 2.5"" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F	KH.50007.009
	HDD WD 2.5"" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01	KH.50008.013
	HDD TOSHIBA 2.5"" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J	KH.16004.006
	HDD SEAGATE 2.5"" 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1	KH.16001.042
	HDD SEAGATE 2.5"" 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1	KH.32001.017
	HDD HGST 2.5"" 7200rpm 320GB HTS723232L9A360 Falcon-C SATA 16MB LF F/W:C30F	KH.32007.005
	HDD HGST 2.5"" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm	KH.25007.016
	HDD HGST 2.5"" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm	KH.50007.010
	HDD BRACKET ASSY	33.PDA07.004
Keyboard		
	Keyboard ACER AC7B SM80 17 103KS Black Arabic Backlit	KB.I170A.005
	Keyboard ACER AC7B SM80 17 104KS Black FR/Arabic Backlit	KB.I170A.011
	Keyboard ACER AC7B SM80 17 104KS Black Belgium Backlit	KB.I170A.006
	Keyboard ACER AC7B SM80 17 104KS Black Brazilian Portuguese Backlit	KB.I170A.007
	Keyboard ACER AC7B SM80 17 104KS Black CZ/SK Backlit	KB.I170A.008
	Keyboard ACER AC7B SM80 17 103KS Black Chinese Backlit	KB.I170A.009
	Keyboard ACER AC7B SM80 17 104KS Black Danish Backlit	KB.I170A.010

Category	Description	Acer PN.
	Keyboard ACER AC7B SM80 17 104KS Black French Backlit	KB.I170A.012
	Keyboard ACER AC7B SM80 17 104KS Black German Backlit	KB.I170A.013
	Keyboard ACER AC7B SM80 17 103KS Black Greek Backlit	KB.I170A.014
	Keyboard ACER AC7B SM80 17 104KS Black Hungarian Backlit	KB.I170A.015
	Keyboard ACER AC7B SM80 17 104KS Black Italian Backlit	KB.I170A.016
	Keyboard ACER AC7B SM80 17 107KS Black Japanese Backlit	KB.I170A.017
	Keyboard ACER AC7B SM80 17 104KS Black Nordic Backlit	KB.I170A.018
	Keyboard ACER AC7B SM80 17 104KS Black Norwegian Backlit	KB.I170A.019
	Keyboard ACER AC7B SM80 17 104KS Black Portuguese Backlit	KB.I170A.020
	Keyboard ACER AC7B SM80 17 103KS Black Russian Backlit	KB.I170A.021
	Keyboard ACER AC7B SM80 17 104KS Black SLO/CRO Backlit	KB.I170A.022
	Keyboard ACER AC7B SM80 17 104KS Black Spanish Backlit	KB.I170A.023
	Keyboard ACER AC7B SM80 17 104KS Black Sweden Backlit	KB.I170A.024
	Keyboard ACER AC7B SM80 17 104KS Black Swiss/G Backlit	KB.I170A.025
	Keyboard ACER AC7B SM80 17 103KS Black Thailand Backlit	KB.I170A.026
	Keyboard ACER AC7B SM80 17 104KS Black Turkish Backlit	KB.I170A.027
	Keyboard ACER AC7B SM80 17 104KS Black UK Backlit	KB.I170A.028
	Keyboard ACER AC7B SM80 17 103KS Black US International Backlit	KB.I170A.029
	Keyboard ACER AC7B SM80 17 103KS Black US International w/ Hebrew Backlit	KB.I170A.030
	Keyboard ACER AC7B SM80 17 104KS Black US w/ Canadian French Backlit	KB.I170A.031
LCD		
	LED LCD FLUSH MODULE 18.4 WUXGAG W/CCD ANTENNA *2	6M.PJJ07.004
	LED LCD FLUSH MODULE 18.4 WUXGAG W/CCD ANTENNA *3	6M.PJJ07.005
	LED LCD MODULE 18.4 WUXGAG W/CCD ANTENNA *2	6M.PH507.001
	LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1	LK.1840D.003

Category	Description	Acer PN.
	LCD CABLE FOR CCD	50.PDA07.002
	LCD COVER ASSY W/ANTENNA *2	60.PJJ07.003
	LCD BEZEL ASSY FOR CCD	60.PH507.001
	LCD BRACKET W/HINGE - R	33.PD207.001
	LCD BRACKET W/HINGE - L	33.PD207.002
	CCD MODULE SUYIN 1.0M	57.PDA07.001
	CCD MODULE CN1014-S36B-OV01-1 CHICONY 1.0M	57.PDA07.002
	LED LCD MODULE 18.4 WUXGAG W/CCD ANTENNA *3	6M.PH507.002
	LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1	LK.1840D.003
	LCD CABLE FOR CCD	50.PDA07.002
	LCD COVER ASSY W/ANTENNA *3	60.PJJ07.005
	LCD BEZEL ASSY FOR CCD	60.PH507.001
	LCD BRACKET W/HINGE - R	33.PD207.001
	LCD BRACKET W/HINGE - L	33.PD207.002
	CCD MODULE SUYIN 1.0M	57.PDA07.001
	CCD MODULE CN1014-S36B-OV01-1 CHICONY 1.0M	57.PDA07.002

Category	Description	Acer PN.
Mainboard		
	MAINBOARD PM55 DIS W/CARD READER EXPRESS CARD W/O CPU RAM	MB.PJJ06.001
Memory		
	Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um	KN.2GB04.004
	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um	KN.2GB09.002
	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF	KN.2GB0B.005
	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um	KN.1GB0G.019
Thermal Module		
	THERMAL MODULE FOR MXM	60.PJJ07.006
	VGA HEATSINK	33.PDA07.007
Speaker		
	SPEAKER W/SUB-WOOFER	23.PDA07.001
Remote Control		
	FOMOSA21 REMOTE CONTROLLER RC804V-B EU	RT.22700.008
	FORMOSA21 REMOTE CONTROLLER RC804V-B TC	RT.22700.009
	FORMOSA21 REMOTE CONTROLLER RC804V-B SC	RT.22700.010
	FORMOSA21 REMOTE CONTROLLER RC804V-B EN	RT.22700.011
Miscellaneous		
	NAME PLATE AS8940G	40.PJJ07.001
	LCD SCREW RUBBER	47.PDA07.001
	BASE FOOT RUBBER LONG	47.PDA07.002
	BASE FOOT RUBBER SHORT	47.PDA07.003
	UPPER CASE RUBBER	47.PDA07.004
	CCD RUBBER-R	47.PDA07.005

Screw List

Category	Description	Acer PN
Screw		
	SCREW M3*0.5+3.5I	86.A03V7.006
	SCREW M2.0*6-I(ANTI-LOOSE)	86.N1407.001
	SCREW M2.5*2-I (NI,NYLOK)	86.TDY07.001
	SCREW M2.5*4-I(BNI)	86.N1407.003
	SCREW M2.0*3.0-I IRON	86.S0207.001
	SCREW M2.5*4.0-I(NI)(NYLOK)	86.D01V7.001
	SCREW M2.5*6.5-I(BZN(NYLOK-RED)	86.ARE07.001
	SCREW M2.5*5.0-I(NI)	86.ARE07.004
	SCREW M3*0.5+3.5I	86.TDY07.003

Model Definition and Configuration

Aspire 8940 Series

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-724G50Bi	EMEA	Russia	LX.PJJ02.008	AS8940G-724G50Bi W7HP64RUATRU1 MC N10EGE1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_abg_FP_1.0D_GEb_RU11	Ci7720QM
AS8940G-724G50Mn	PA	Canada	LX.PJJ02.006	AS8940G-724G50Mn W7HP64ATCA2 MC N10EGE1GBCFPbkQ_V3 2*2G/500_L/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_FR81	Ci7720QM
AS8940G-724G50Bn	PA	USA	LX.PJJ02.007	AS8940G-724G50Bn W7HP64ATUS1 MC N10EGE1GBCFPbkQ_V3 2*2G/500_L/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_FRB1	Ci7720QM
AS8940G-724G64Bn	EMEA	Germany	LX.PJJ02.002	AS8940G-724G64Bn W7HP64ATDE1 MC N10EGE1GBCFPbkQ_V3 2*2G/320+320/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_DE11	Ci7720QM
AS8940G-724G100Wn	EMEA	South Africa	LX.PJJ02.004	AS8940G-724G100Wn EM W7HP64EMATZA2 MC N10EGE1GBCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G100Wn	AAP	Japan	LX.PJJ02.005	AS8940G-724G100Wn W7HP64AJP1 MC N10EGE1GBCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_JA11_BR101	Ci7720QM
AS8940G-724G50Bn	EMEA	Germany	LX.PJJ02.001	AS8940G-724G50Bn W7HP64ATDE1 MC N10EGE1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_DE11	Ci7720QM
AS8940G-824G100Wn	AAP	Japan	LX.PJJ02.003	AS8940G-824G100Wn W7HP64AJP1 MC N10EGE1GBCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_JA11_BR100	Ci7820QM
AS8940G-724G57Mn	WW	WW	S2.PJJ02.001	AS8940G-724G57Mn W7HP64AWW1 MC N10EGE1GBCFPbkQ_V3 2*2G/320+250/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_ES62	Ci7720QM
AS8940G-724G100Wn	AAP	Australia/ New Zealand	LX.PJP02.006	AS8940G-724G100Wn W7HP64ATAU1 MC N10EGE1GBTCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_DVBT U/VHF_FP_1.0D_GEb_R_ES61	Ci7720QM

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-724G100Wn	EMEA	Germany	LX.PJP02.001	AS8940G-724G100Wn W7HP64ATDE1 MC N10EGE1GBTCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n2_DVBT FP_1.0D_GEb_DE11	Ci7720QM
AS8940G-824G100Wn	AAP	Australia/ New Zealand	LX.PJP02.004	AS8940G-824G100Wn W7HP64ATAU1 MC N10EGE1GBTCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n2_DVBT U/ VHF_FP_1.0D_GEb_ES61	Ci7820QM
AS8940G-724G100Bn	AAP	Australia/ New Zealand	LX.PJP02.003	AS8940G-724G100Bn W7HP64ATAU1 MC N10EGE1GBTCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n2_DVBT U/ VHF_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-824G50Bn	AAP	Australia/ New Zealand	LX.PJP02.002	AS8940G-824G50Bn W7HP64ATAU1 MC N10EGE1GBTCFPbkQ_V3 2*2G/500_L/ BT/8L2.4/5R/CBUL_n2_DVBT U/ VHF_FP_1.0D_GEb_ES61	Ci7820QM
AS8940G-824G100Mn	WW	WW	S2.PJP02.001	AS8940G-824G100Mn W7HP64AWW1 MC N10EGE1GBTCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n3_DVBT U/ VHF_FP_1.0D_GEb_ES62	Ci7820QM
AS8940G-824G82Mn	WW	WW	S2.PJP02.002	AS8940G-824G82Mn W7HP64AWW1 MC N10EGE1GBTCFPbkQ_V3 2*2G/ 320+500_L/BT/8L2.4/5R/CBUL_n3_DVBT U/VHF_FP_1.0D_GEb_ES62	Ci7820QM
AS8940G-724G100Wn	EMEA	Denmark	LX.PH202.056	AS8940G-724G100Wn W7HP64ATDK2 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ENS1	Ci7720QM
AS8940G-724G50Wn	EMEA	Switzerland	LX.PH202.017	AS8940G-724G50Wn W7HP64ATCH1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_IT41	Ci7720QM
AS8940G-724G50Wn	EMEA	Denmark	LX.PH202.012	AS8940G-724G50Wn W7HP64ATDK2 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ENS1	Ci7720QM
AS8940G-724G100Wn	EMEA	Israel	LX.PH202.055	AS8940G-724G100Wn W7HP64ATIL1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_HE11	Ci7720QM
AS8940G-724G100Wn	EMEA	Israel	LX.PH202.054	AS8940G-724G100Wn W7HP64ATIL1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_HE31	Ci7720QM
AS8940G-724G50Mn	EMEA	Greece	LX.PH202.053	AS8940G-724G50Mn W7HP64ATGR1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_EL31	Ci7720QM

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-724G100Wn	EMEA	Italy	LX.PH202.051	AS8940G-724G100Wn W7HP64ATIT1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_IT11	Ci7720QM
AS8940G-724G100Wn	EMEA	Cyprus	LX.PH202.052	AS8940G-724G100Wn W7HP64ATCY1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G100Wn	EMEA	Greece	LX.PH202.050	AS8940G-724G100Wn W7HP64ATGR1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_EL31	Ci7720QM
AS8940G-724G50Mn	EMEA	Israel	LX.PH202.049	AS8940G-724G50Mn W7HP64ATIL1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_HE11	Ci7720QM
AS8940G-724G50Mn	EMEA	Israel	LX.PH202.048	AS8940G-724G50Mn W7HP64ATIL1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_HE31	Ci7720QM
AS8940G-724G50Mn	EMEA	Italy	LX.PH202.046	AS8940G-724G50Mn W7HP64ATIT1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_IT11	Ci7720QM
AS8940G-724G50Mn	EMEA	Cyprus	LX.PH202.047	AS8940G-724G50Mn W7HP64ATCY1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G100Wn	EMEA	Norway	LX.PH202.045	AS8940G-724G100Wn W7HP64ATNO3 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+500_L/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_ENS1	Ci7720QM
AS8940G-724G82Bn	EMEA	Belgium	LX.PH202.044	AS8940G-724G82Bn W7HP64ATBE1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+320/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_NL11	Ci7720QM
AS8940G-724G82Bn	EMEA	Holland	LX.PH202.043	AS8940G-724G82Bn W7HP64ATNL1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+320/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_NL11	Ci7720QM
AS8940G-724G82Bn	EMEA	Luxembourg	LX.PH202.042	AS8940G-724G82Bn W7HP64ATLU3 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+320/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_IT41	Ci7720QM
AS8940G-724G50Mn	EMEA	Belgium	LX.PH202.041	AS8940G-724G50Mn W7HP64ATBE1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_NL11	Ci7720QM
AS8940G-724G50Mn	EMEA	Holland	LX.PH202.040	AS8940G-724G50Mn W7HP64ATNL1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_NL11	Ci7720QM

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-724G50Mn	EMEA	Luxembourg	LX.PH202.039	AS8940G-724G50Mn W7HP64ATLU3 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_IT41	Ci7720QM
AS8940G-724G50Wn	EMEA	Middle East	LX.PH202.031	AS8940G-724G50Wn EM W7HP64EMATME2 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_AR21	Ci7720QM
AS8940G-724G100Wn	EMEA	South Africa	LX.PH202.038	AS8940G-724G100Wn EM W7HP64EMATZA2 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L+500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_R_ES61	Ci7720QM
AS8940G-724G50Wn	EMEA	Turkey	LX.PH202.037	AS8940G-724G50Wn EM W7HP64EMATTR1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_TR31	Ci7720QM
AS8940G-724G50Wn	EMEA	Algeria	LX.PH202.036	AS8940G-724G50Wn EM W7HP64EMATDZ1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES81	Ci7720QM
AS8940G-724G50Wn	EMEA	South Africa	LX.PH202.035	AS8940G-724G50Wn EM W7HP64EMATZA1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES81	Ci7720QM
AS8940G-724G50Wn	EMEA	Middle East	LX.PH202.034	AS8940G-724G50Wn EM W7HP64EMATME4 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_RU61	Ci7720QM
AS8940G-724G50Wn	EMEA	Middle East	LX.PH202.033	AS8940G-724G50Wn EM W7HP64EMATME2 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G50Wn	EMEA	South Africa	LX.PH202.032	AS8940G-724G50Wn EM W7HP64EMATZA4 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G50Wn	EMEA	Middle East	LX.PH202.030	AS8940G-724G50Wn EM W7HP64EMATME3 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES81	Ci7720QM
AS8940G-724G50Wn	EMEA	South Africa	LX.PH202.029	AS8940G-724G50Wn EM W7HP64EMATZA2 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-724G50Wn	EMEA	Middle East	LX.PH2 02.028	AS8940G-724G50Wn EM W7HP64EMATME9 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/ BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES81	Ci7720QM
AS8940G-724G50Wn	EMEA	Middle East	LX.PH2 02.027	AS8940G-724G50Wn EM W7HP64EMATME4 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/ BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G50Wn	EMEA	Middle East	LX.PH2 02.026	AS8940G-724G50Wn EM W7HP64EMATME2 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/ BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_AR11	Ci7720QM
AS8940G-724G50Wn	EMEA	Middle East	LX.PH2 02.025	AS8940G-724G50Wn EM W7HP64EMATME6 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/ BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G50Wn	EMEA	Italy	LX.PH2 02.024	AS8940G-724G50Wn W7HP64ATIT1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/ BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_IT11	Ci7720QM
AS8940G-724G50Wn	EMEA	Serbia/ Macedonia	LX.PH2 02.023	AS8940G-724G50Wn W7HP64ATCS1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_SL11	Ci7720QM
AS8940G-724G50Wn	EMEA	Holland	LX.PH2 02.022	AS8940G-724G50Wn W7HP64ATNL1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/ BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_NL11	Ci7720QM
AS8940G-724G50Wn	EMEA	Germany	LX.PH2 02.020	AS8940G-724G50Wn W7HP64ATDE1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_DE11	Ci7720QM
AS8940G-724G50Wn	EMEA	Belgium	LX.PH2 02.021	AS8940G-724G50Wn W7HP64ATBE1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_NL11	Ci7720QM
AS8940G-724G50Wn	EMEA	France	LX.PH2 02.019	AS8940G-724G50Wn W7HP64ATFR1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_FR21	Ci7720QM
AS8940G-724G50Wn	EMEA	UK	LX.PH2 02.018	AS8940G-724G50Wn W7HP64ATGB1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_EN11	Ci7720QM
AS8940G-724G50Wn	EMEA	Greece	LX.PH2 02.016	AS8940G-724G50Wn W7HP64ATGR1 MC N10PGS1GBCFPbkQ_V3 2*2G/ 500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_EL31	Ci7720QM

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-724G50Wn	EMEA	Spain	LX.PH202.015	AS8940G-724G50Wn W7HP64ATES1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES51	Ci7720QM
AS8940G-724G50Wn	EMEA	Portugal	LX.PH202.014	AS8940G-724G50Wn W7HP64ATPT1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_PT11	Ci7720QM
AS8940G-724G50Wn	EMEA	Czech	LX.PH202.013	AS8940G-724G50Wn W7HP64ATCZ2 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_SK11	Ci7720QM
AS8940G-724G50Wn	EMEA	Cyprus	LX.PH202.011	AS8940G-724G50Wn W7HP64ATCY1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ES61	Ci7720QM
AS8940G-724G50Wn	EMEA	Eastern Europe	LX.PH202.010	AS8940G-724G50Wn W7HP64ATEU7 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_ENQ1	Ci7720QM
AS8940G-724G50Wn	EMEA	Eastern Europe	LX.PH202.009	AS8940G-724G50Wn W7HP64ATEU5 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_RO11	Ci7720QM
AS8940G-724G50Wn	EMEA	Eastern Europe	LX.PH202.008	AS8940G-724G50Wn W7HP64ATEU5 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_PL71	Ci7720QM
AS8940G-724G50Wn	EMEA	Eastern Europe	LX.PH202.007	AS8940G-724G50Wn W7HP64ATEU4 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_SV21	Ci7720QM
AS8940G-724G50Wn	EMEA	Luxembourg	LX.PH202.006	AS8940G-724G50Wn W7HP64ATLU3 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_IT41	Ci7720QM
AS8940G-724G50Wn	EMEA	Eastern Europe	LX.PH202.004	AS8940G-724G50Wn W7HP64ATEU7 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_SL11	Ci7720QM
AS8940G-724G50Wn	EMEA	Poland	LX.PH202.005	AS8940G-724G50Wn W7HP64ATPL1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_PL11	Ci7720QM
AS8940G-724G50Wn	EMEA	Hungary	LX.PH202.003	AS8940G-724G50Wn W7HP64ATHU1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_HU11	Ci7720QM
AS8940G-724G50Wn	EMEA	Israel	LX.PH202.002	AS8940G-724G50Wn W7HP64ATIL1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/ CBUL_n2_FP_1.0D_GEb_HE11	Ci7720QM

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-724G50Wn	EMEA	Austria	LX.PH202.001	AS8940G-724G50Wn W7HP64ATAT1 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_DE61	Ci7720QM
AS8940G-904G75Bn	WW	WW	S2.PH20X.001	AS8940G-904G75Bn VHP32ATWW3 MC N10PGS1GBCFPbkQ_V3 2*2G/500_L+250/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TC11	C2QQ9000
AS8940G-724G50Mn	PA	USA	LX.PH502.001	AS8940G-724G50Mn W7HP64ATUS1 MC N10PGS1GBCFbkQ_V3 2*2G/500_L/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_FRB1	Ci7720QM
AS8940G-722G50Mn	WW	WW	S2.PH50X.002	AS8940G-722G50Mn VHP64AWW1 MC N10PGS1GBCFbkQ_V3 2*1G/250+250/BT/8L2.4/5R/CBUL_n2_FP_1.0D_GEb_EN11	Ci7720QM
AS8940G-904G48Mn	WW	WW	S2.PH50X.001	AS8940G-904G48Mn VHP32ATWW3 MC N10PGS1GBCFbkQ_V3 2*2G/320+160/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TC11	C2QQ9000
AS8940G-724G100Mn	EMEA	Italy	LX.PH302.004	AS8940G-724G100Mn W7HP64ATIT1 MC N10PGS1GBTCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_DVBT FP_1.0D_GEb_R_IT11	Ci7720QM
AS8940G-724G100Wn	EMEA	Denmark	LX.PH302.003	AS8940G-724G100Wn W7HP64ATDK2 MC N10PGS1GBTCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_DVBT FP_1.0D_GEb_R_ENS1	Ci7720QM
AS8940G-724G100Bn	EMEA	Denmark	LX.PH302.002	AS8940G-724G100Bn W7HP64ATDK2 MC N10PGS1GBTCFPbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_DVBT FP_1.0D_GEb_R_ENS1	Ci7720QM
AS8940G-724G64Wn	EMEA	Spain	LX.PH302.001	AS8940G-724G64Wn W7HP64ATES1 MC N10PGS1GBTCFPbkQ_V3 2*2G/320+320/BT/8L2.4/5R/CBUL_n2_DVBT FP_1.0D_GEb_R_ES51	Ci7720QM
AS8940G-824G82Wn	WW	WW	S2.PH30X.002	AS8940G-824G82Wn VHP64AWW1 MC N10PGS1GBTCFPbkQ_V3 2*2G/500_L+320/BT/8L2.4/5R/CBUL_n2_DVBT U/VHF_FP_1.0D_GEb_EN11	Ci7820QM
AS8940G-904G75Bn	WW	WW	S2.PH30X.001	AS8940G-904G75Bn VHP32ATWW3 MC N10PGS1GBTCFPbkQ_V3 2*2G/500_L+250/BT/8L/5R/CBUL_n2_DVBT U/VHF_FP_1.0D_GEb_TC11	C2QQ9000
AS8940G-724G100Wn	EMEA	Czech	LX.PH402.001	AS8940G-724G100Wn W7HP64ATCZ2 MC N10PGS1GBTCFbkQ_V3 2*2G/500_L+500_L/BT/8L2.4/5R/CBUL_n2_DVBT FP_1.0D_GEb_R_SK11	Ci7720QM
AS8940G-724G64Bn	WW	GCTWN	S2.PH40X.002	AS8940G-724G64Bn VHP64AWW1 MC N10PGS1GBTCFbkQ_V3 2*2G/320+320/BT/8L2.4/5R/CBUL_n2_DVBT U/VHF_FP_1.0D_GEb_ENX1	Ci7720QM

Model	RO	Country	Acer Part No	Description	CPU
AS8940G-904G48Mn	WW	WW	S2.PH40X.001	AS8940G-904G48Mn VHP32ATWW3 MC N10PGS1GBTCFbkQ_V3 2*2G/320+160/ BT/8L/5R/CBUL_n2_DVBT U/ VHF_FP_1.0D_GEb_TC11	C2QQ9000

Model	LCD	VGA Chip	VRAM 1	Memory 1	Memory 2
AS8940G-724G50Bi	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Bn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G64Bn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Bn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-824G100Wn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G57Mn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-824G100Wn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Bn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-824G50Bn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-824G100Mn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-824G82Mn	NLED18.4W UXGAGL	N10EGE	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10

Model	LCD	VGA Chip	VRAM 1	Memory 1	Memory 2
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G82Bn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G82Bn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G82Bn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10

Model	LCD	VGA Chip	VRAM 1	Memory 1	Memory 2
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Wn	NLED18.4WUXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10

Model	LCD	VGA Chip	VRAM 1	Memory 1	Memory 2
AS8940G-724G50Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-904G75Bn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-722G50Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO1GBIII10	SO1GBIII10
AS8940G-904G48Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Bn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G64Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-824G82Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-904G75Bn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G100Wn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-724G64Bn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10
AS8940G-904G48Mn	NLED18.4W UXGAGL	N10PGS	1G-DDR3 (64*16*8)	SO2GBIII10	SO2GBIII10

Model	HDD 1(GB)	HDD 2(GB)	ODD	Media Processor	Bluetooth
AS8940G-724G50Bi	N500GB5.4KS	N	NBDCB4XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	N
AS8940G-724G50Bn	N500GB5.4KS	N	NBDCB4XS	N	N
AS8940G-724G64Bn	N320GB5.4KS	N320GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G50Bn	N500GB5.4KS	N	NBDCB4XS	N	BT 2.1
AS8940G-824G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G57Mn	N320GB5.4KS	N250GB5.4KS	NSM8XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-824G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G100Bn	N500GB5.4KS	N500GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-824G50Bn	N500GB5.4KS	N	NBDCB4XS	N	BT 2.1
AS8940G-824G100Mn	N500GB5.4KS	N500GB5.4KS	NSM8XS	N	BT 2.1
AS8940G-824G82Mn	N320GB5.4KS	N500GB5.4KS	NSM8XS	N	BT 2.1

Model	HDD 1(GB)	HDD 2(GB)	ODD	Media Processor	Bluetooth
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	N
AS8940G-724G82Bn	N500GB5.4KS	N320GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-724G82Bn	N500GB5.4KS	N320GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-724G82Bn	N500GB5.4KS	N320GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1

Model	HDD 1(GB)	HDD 2(GB)	ODD	Media Processor	Bluetooth
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-724G50Wn	N500GB5.4KS	N	NBDRW4XS	N	BT 2.1
AS8940G-904G75Bn	N500GB5.4KS	N250GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-724G50Mn	N500GB5.4KS	N	NSM8XS	N	N
AS8940G-722G50Mn	N250GB5.4KS	N250GB5.4KS	NSM8XS	N	BT 2.1
AS8940G-904G48Mn	N320GB5.4KS	N160GB5.4KS	NSM8XS	N	BT 2.1
AS8940G-724G100Mn	N500GB5.4KS	N500GB5.4KS	NSM8XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G100Bn	N500GB5.4KS	N500GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-724G64Wn	N320GB5.4KS	N320GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-824G82Wn	N500GB5.4KS	N320GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-904G75Bn	N500GB5.4KS	N250GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-724G100Wn	N500GB5.4KS	N500GB5.4KS	NBDRW4XS	N	BT 2.1
AS8940G-724G64Bn	N320GB5.4KS	N320GB5.4KS	NBDCB4XS	N	BT 2.1
AS8940G-904G48Mn	N320GB5.4KS	N160GB5.4KS	NSM8XS	N	BT 2.1

Model	Extra SW1	Card Reader	Wireless LAN1	Bluetooth
AS8940G-724G50Bi	McAfee	5 in 1-Build in	SP1x2MABG	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	N
AS8940G-724G50Bn	McAfee	5 in 1-Build in	SP1x2MMW	N
AS8940G-724G64Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-824G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G57Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-824G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1

Model	Extra SW1	Card Reader	Wireless LAN1	Bluetooth
AS8940G-724G100Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-824G50Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-824G100Mn	McAfee	5 in 1-Build in	SP3x3MMW	BT 2.1
AS8940G-824G82Mn	McAfee	5 in 1-Build in	SP3x3MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	N
AS8940G-724G82Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G82Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G82Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1

Model	Extra SW1	Card Reader	Wireless LAN1	Bluetooth
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-904G75Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	N
AS8940G-722G50Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-904G48Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G64Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-824G82Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-904G75Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G100Wn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-724G64Bn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1
AS8940G-904G48Mn	McAfee	5 in 1-Build in	SP1x2MMW	BT 2.1

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 8940 Compatibility Test Report released by the Acer Mobile System Testing Department.

Microsoft® Windows® 7 Environment Test

BOM_Name	BRAND	Type	Description
Adapter			
AS8940G_N10EGE1 GBCFPbkQ_V3	DELTA	120W-DE	“Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF”
AS8940G_N10EGE1 GBCFPbkQ_V3	LITE-ON	120W-DE	“Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-1121-04AC, LV5+OBL LED LF”
AS8940G_N10EGE1 GBTCFPbkQ_V3	DELTA	120W-DE	“Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF”
AS8940G_N10EGE1 GBTCFPbkQ_V3	LITE-ON	120W-DE	“Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-1121-04AC, LV5+OBL LED LF”
AS8940G_N10PGS1 GBCFPbkQ_V3	DELTA	120W-DE	“Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF”
AS8940G_N10PGS1 GBCFPbkQ_V3	LITE-ON	120W-DE	“Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-1121-04AC, LV5+OBL LED LF”
AS8940G_N10PGS1 GBCFbkQ_V3	DELTA	120W-DE	“Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF”
AS8940G_N10PGS1 GBCFbkQ_V3	LITE-ON	120W-DE	“Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-1121-04AC, LV5+OBL LED LF”
AS8940G_N10PGS1 GBTCFPbkQ_V3	DELTA	120W-DE	“Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF”
AS8940G_N10PGS1 GBTCFPbkQ_V3	LITE-ON	120W-DE	“Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-1121-04AC, LV5+OBL LED LF”
AS8940G_N10PGS1 GBTCFbkQ_V3	DELTA	120W-DE	“Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF”
AS8940G_N10PGS1 GBTCFbkQ_V3	LITE-ON	120W-DE	“Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-1121-04AC, LV5+OBL LED LF”
Audio Codec			
AS8940G_N10EGE1 GBCFPbkQ_V3	Realtek	ALC889X	Realtek Audio Codec ALC889X
AS8940G_N10EGE1 GBTCFPbkQ_V3	Realtek	ALC889X	Realtek Audio Codec ALC889X
AS8940G_N10PGS1 GBCFPbkQ_V3	Realtek	ALC889X	Realtek Audio Codec ALC889X
AS8940G_N10PGS1 GBCFbkQ_V3	Realtek	ALC889X	Realtek Audio Codec ALC889X
AS8940G_N10PGS1 GBTCFPbkQ_V3	Realtek	ALC889X	Realtek Audio Codec ALC889X
AS8940G_N10PGS1 GBTCFbkQ_V3	Realtek	ALC889X	Realtek Audio Codec ALC889X
Battery			
AS8940G_N10EGE1 GBCFPbkQ_V3	SANYO	8CELL2.4	Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON
AS8940G_N10EGE1 GBCFPbkQ_V3	SONY	8CELL2.4	Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON
AS8940G_N10EGE1 GBCFPbkQ_V3	SIMPLO	8CELL2.4	Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS
AS8940G_N10EGE1 GBTCFPbkQ_V3	SANYO	8CELL2.4	Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON
AS8940G_N10EGE1 GBTCFPbkQ_V3	SONY	8CELL2.4	Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON
AS8940G_N10EGE1 GBTCFPbkQ_V3	SIMPLO	8CELL2.4	Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFPbkQ_V3	SANYO	8CELL2.4	Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBCFPbkQ_V3	SONY	8CELL2.4	Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBCFPbkQ_V3	SIMPLO	8CELL2.4	Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS
AS8940G_N10PGS1 GBCFbkQ_V3	SANYO	8CELL2.4	Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBCFbkQ_V3	SONY	8CELL2.4	Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBCFbkQ_V3	SIMPLO	8CELL2.4	Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS
AS8940G_N10PGS1 GBTCFPbkQ_V3	SANYO	8CELL2.4	Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBTCFPbkQ_V3	SONY	8CELL2.4	Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBTCFPbkQ_V3	SIMPLO	8CELL2.4	Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS
AS8940G_N10PGS1 GBTCFbkQ_V3	SANYO	8CELL2.4	Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBTCFbkQ_V3	SONY	8CELL2.4	Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON
AS8940G_N10PGS1 GBTCFbkQ_V3	SIMPLO	8CELL2.4	Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS
Bluetooth			
AS8940G_N10EGE1 GBCFPbkQ_V3	Foxconn	BT 2.1	Foxconn Bluetooth BRM 2046 BT2.1 (T60H928.33) f/w:861
AS8940G_N10EGE1 GBTCFPbkQ_V3	Foxconn	BT 2.1	Foxconn Bluetooth BRM 2046 BT2.1 (T60H928.33) f/w:861
AS8940G_N10PGS1 GBCFPbkQ_V3	Foxconn	BT 2.1	Foxconn Bluetooth BRM 2046 BT2.1 (T60H928.33) f/w:861
AS8940G_N10PGS1 GBCFbkQ_V3	Foxconn	BT 2.1	Foxconn Bluetooth BRM 2046 BT2.1 (T60H928.33) f/w:861
AS8940G_N10PGS1 GBTCFPbkQ_V3	Foxconn	BT 2.1	Foxconn Bluetooth BRM 2046 BT2.1 (T60H928.33) f/w:861
AS8940G_N10PGS1 GBTCFbkQ_V3	Foxconn	BT 2.1	Foxconn Bluetooth BRM 2046 BT2.1 (T60H928.33) f/w:861
Camera			
AS8940G_N10EGE1 GBCFPbkQ_V3	Suyin	1.0M DV	Suyin 1.0M DV Tulip_G
AS8940G_N10EGE1 GBCFPbkQ_V3	Chicony	1.0M DV	Chicony 1.0M DV Daisy_G
AS8940G_N10EGE1 GBTCFPbkQ_V3	Suyin	1.0M DV	Suyin 1.0M DV Tulip_G
AS8940G_N10EGE1 GBTCFPbkQ_V3	Chicony	1.0M DV	Chicony 1.0M DV Daisy_G
AS8940G_N10PGS1 GBCFPbkQ_V3	Suyin	1.0M DV	Suyin 1.0M DV Tulip_G
AS8940G_N10PGS1 GBCFPbkQ_V3	Chicony	1.0M DV	Chicony 1.0M DV Daisy_G
AS8940G_N10PGS1 GBCFbkQ_V3	Suyin	1.0M DV	Suyin 1.0M DV Tulip_G
AS8940G_N10PGS1 GBCFbkQ_V3	Chicony	1.0M DV	Chicony 1.0M DV Daisy_G

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBTCFPbkQ_V3	Suyin	1.0M DV	Suyin 1.0M DV Tulip_G
AS8940G_N10PGS1 GBTCFPbkQ_V3	Chicony	1.0M DV	Chicony 1.0M DV Daisy_G
AS8940G_N10PGS1 GBTCFbkQ_V3	Suyin	1.0M DV	Suyin 1.0M DV Tulip_G
AS8940G_N10PGS1 GBTCFbkQ_V3	Chicony	1.0M DV	Chicony 1.0M DV Daisy_G
Card Reader			
AS8940G_N10EGE1 GBCFPbkQ_V3		5 in 1-Build in	“5 in 1-Build in MS, MS Pro, SD, SC, XD”
AS8940G_N10EGE1 GBTCFPbkQ_V3		5 in 1-Build in	“5 in 1-Build in MS, MS Pro, SD, SC, XD”
AS8940G_N10PGS1 GBCFPbkQ_V3		5 in 1-Build in	“5 in 1-Build in MS, MS Pro, SD, SC, XD”
AS8940G_N10PGS1 GBCFbkQ_V3		5 in 1-Build in	“5 in 1-Build in MS, MS Pro, SD, SC, XD”
AS8940G_N10PGS1 GBTCFPbkQ_V3		5 in 1-Build in	“5 in 1-Build in MS, MS Pro, SD, SC, XD”
AS8940G_N10PGS1 GBTCFbkQ_V3		5 in 1-Build in	“5 in 1-Build in MS, MS Pro, SD, SC, XD”
CPU			
AS8940G_N10EGE1 GBCFPbkQ_V3	INTEL	Ci7720QM	CPU Intel Core i7 720QM 1.6G 6M 1333 45W
AS8940G_N10EGE1 GBCFPbkQ_V3	INTEL	Ci7820QM	CPU Intel Core i7 820QM 1.73G 8M 1333 45W
AS8940G_N10EGE1 GBTCFPbkQ_V3	INTEL	Ci7720QM	CPU Intel Core i7 720QM 1.6G 6M 1333 45W
AS8940G_N10EGE1 GBTCFPbkQ_V3	INTEL	Ci7820QM	CPU Intel Core i7 820QM 1.73G 8M 1333 45W
AS8940G_N10PGS1 GBCFPbkQ_V3	INTEL	Ci7720QM	CPU Intel Core i7 720QM 1.6G 6M 1333 45W
AS8940G_N10PGS1 GBCFPbkQ_V3	INTEL	Ci7820QM	CPU Intel Core i7 820QM 1.73G 8M 1333 45W
AS8940G_N10PGS1 GBCFbkQ_V3	INTEL	Ci7720QM	CPU Intel Core i7 720QM 1.6G 6M 1333 45W
AS8940G_N10PGS1 GBCFbkQ_V3	INTEL	Ci7820QM	CPU Intel Core i7 820QM 1.73G 8M 1333 45W
AS8940G_N10PGS1 GBTCFPbkQ_V3	INTEL	Ci7720QM	CPU Intel Core i7 720QM 1.6G 6M 1333 45W
AS8940G_N10PGS1 GBTCFPbkQ_V3	INTEL	Ci7820QM	CPU Intel Core i7 820QM 1.73G 8M 1333 45W
AS8940G_N10PGS1 GBTCFbkQ_V3	INTEL	Ci7720QM	CPU Intel Core i7 720QM 1.6G 6M 1333 45W
AS8940G_N10PGS1 GBTCFbkQ_V3	INTEL	Ci7820QM	CPU Intel Core i7 820QM 1.73G 8M 1333 45W
Finger Print Reader			
AS8940G_N10EGE1 GBCFPbkQ_V3	LTT	SS801U	LTT Finger Print SS801U
AS8940G_N10EGE1 GBTCFPbkQ_V3	LTT	SS801U	LTT Finger Print SS801U
AS8940G_N10PGS1 GBCFPbkQ_V3	LTT	SS801U	LTT Finger Print SS801U

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFbkQ_V3	LTT	SS801U	LTT Finger Print SS801U
AS8940G_N10PGS1 GBTCFPbkQ_V3	LTT	SS801U	LTT Finger Print SS801U
AS8940G_N10PGS1 GBTCFbkQ_V3	LTT	SS801U	LTT Finger Print SS801U
HDD1			
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”

BOM_Name	BRAND	Type	Description
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F Disk imbalance criteria = 0.014g-cm”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
HDD2			
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”

BOM_Name	BRAND	Type	Description
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10EGE1 GBTCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10EGE1 GBTCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10EGE1 GBTCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBCFbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBCFbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBCFbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFPbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFPbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFPbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N160GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 160GB ST9160314AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N160GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N160GB5.4K S	“HDD HGST 2.5”” 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N160GB5.4K S	“HDD WD 2.5”” 5400rpm 160GB WD1600BEVT-22ZCTO ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N250GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N250GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N250GB5.4K S	“HDD HGST 2.5”” 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N250GB5.4K S	“HDD WD 2.5”” 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N320GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 320GB ST9320325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N320GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N320GB5.4K S	“HDD HGST 2.5”” 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N320GB5.4K S	“HDD WD 2.5”” 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11”

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBTCFbkQ_V3	SEAGATE	N500GB5.4K S	“HDD SEAGATE 2.5”” 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1”
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	N500GB5.4K S	“HDD TOSHIBA 2.5”” 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J”
AS8940G_N10PGS1 GBTCFbkQ_V3	HGST	N500GB5.4K S	“HDD HGST 2.5”” 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F”
AS8940G_N10PGS1 GBTCFbkQ_V3	WD	N500GB5.4K S	“HDD WD 2.5”” 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01”
LAN			
AS8940G_N10EGE1 GBCFPbkQ_V3	Broadcom	BCM5784	Broadcom BCM5784
AS8940G_N10EGE1 GBTCFPbkQ_V3	Broadcom	BCM5784	Broadcom BCM5784
AS8940G_N10PGS1 GBCFPbkQ_V3	Broadcom	BCM5784	Broadcom BCM5784
AS8940G_N10PGS1 GBCFbkQ_V3	Broadcom	BCM5784	Broadcom BCM5784
AS8940G_N10PGS1 GBTCFPbkQ_V3	Broadcom	BCM5784	Broadcom BCM5784
AS8940G_N10PGS1 GBTCFbkQ_V3	Broadcom	BCM5784	Broadcom BCM5784
LCD			
AS8940G_N10EGE1 GBCFPbkQ_V3	CMO	NLED18.4W UXGAGL	“LED LCD CMO 18.4”” WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1”
AS8940G_N10EGE1 GBTCFPbkQ_V3	CMO	NLED18.4W UXGAGL	“LED LCD CMO 18.4”” WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1”
AS8940G_N10PGS1 GBCFPbkQ_V3	CMO	NLED18.4W UXGAGL	“LED LCD CMO 18.4”” WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1”
AS8940G_N10PGS1 GBCFbkQ_V3	CMO	NLED18.4W UXGAGL	“LED LCD CMO 18.4”” WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1”
AS8940G_N10PGS1 GBTCFPbkQ_V3	CMO	NLED18.4W UXGAGL	“LED LCD CMO 18.4”” WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1”
AS8940G_N10PGS1 GBTCFbkQ_V3	CMO	NLED18.4W UXGAGL	“LED LCD CMO 18.4”” WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1”
Memory			
AS8940G_N10EGE1 GBCFPbkQ_V3	NANYA	SO1GBIII10	Memory NANYA SO-DIMM DDRIII 1066 1GB NT1GC64BH8A1PS-BE LF 64*16 0.07um
AS8940G_N10EGE1 GBCFPbkQ_V3	MICRON	SO1GBIII10	Memory MICRON SO-DIMM DDRIII 1066 1GB MT8JSF12864HY-1G1D1 LF 64*16 0.07um
AS8940G_N10EGE1 GBCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ11UE6BBS0-AE-F LF 64*16 0.065um
AS8940G_N10EGE1 GBCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ10UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10EGE1 GBCFPbkQ_V3	SAMSUNG	SO1GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 1GB M471B2873EH1-CF8 LF 64*16 0.055um
AS8940G_N10EGE1 GBCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um
AS8940G_N10EGE1 GBCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6BFR6C-G7 N0 LF 64*16 0.055um
AS8940G_N10EGE1 GBCFPbkQ_V3	NANYA	SO2GBIII10	Memory NANYA SO-DIMM DDRIII 1066 2GB NT2GC64B8HA1NS-BE LF 128*8 0.07um
AS8940G_N10EGE1 GBCFPbkQ_V3	MICRON	SO2GBIII10	Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um

BOM_Name	BRAND	Type	Description
AS8940G_N10EGE1 GBCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um
AS8940G_N10EGE1 GBCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BBS0-AE-F LF 128*8 0.065um
AS8940G_N10EGE1 GBCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10EGE1 GBCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF 128*8 0.065um
AS8940G_N10EGE1 GBCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673EH1-CF8 LF 128*8 0.055um
AS8940G_N10EGE1 GBCFPbkQ_V3	HYNIX	SO2GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 2GB HMT125S6BFR8C-G7 N0 LF 128*8 0.055um
AS8940G_N10EGE1 GBTCFPbkQ_V3	NANYA	SO1GBIII10	Memory NANYA SO-DIMM DDRIII 1066 1GB NT1GC64BH8A1PS-BE LF 64*16 0.07um
AS8940G_N10EGE1 GBTCFPbkQ_V3	MICRON	SO1GBIII10	Memory MICRON SO-DIMM DDRIII 1066 1GB MT8JSF12864HY-1G1D1 LF 64*16 0.07um
AS8940G_N10EGE1 GBTCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ11UE6BBS0-AE-F LF 64*16 0.065um
AS8940G_N10EGE1 GBTCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ10UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10EGE1 GBTCFPbkQ_V3	SAMSUNG	SO1GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 1GB M471B2873EH1-CF8 LF 64*16 0.055um
AS8940G_N10EGE1 GBTCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um
AS8940G_N10EGE1 GBTCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6BFR6C-G7 N0 LF 64*16 0.055um
AS8940G_N10EGE1 GBTCFPbkQ_V3	NANYA	SO2GBIII10	Memory NANYA SO-DIMM DDRIII 1066 2GB NT2GC64B8HA1NS-BE LF 128*8 0.07um
AS8940G_N10EGE1 GBTCFPbkQ_V3	MICRON	SO2GBIII10	Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um
AS8940G_N10EGE1 GBTCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um
AS8940G_N10EGE1 GBTCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BBS0-AE-F LF 128*8 0.065um
AS8940G_N10EGE1 GBTCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10EGE1 GBTCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF 128*8 0.065um
AS8940G_N10EGE1 GBTCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673EH1-CF8 LF 128*8 0.055um
AS8940G_N10EGE1 GBTCFPbkQ_V3	HYNIX	SO2GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 2GB HMT125S6BFR8C-G7 N0 LF 128*8 0.055um
AS8940G_N10PGS1 GBCFPbkQ_V3	NANYA	SO1GBIII10	Memory NANYA SO-DIMM DDRIII 1066 1GB NT1GC64BH8A1PS-BE LF 64*16 0.07um
AS8940G_N10PGS1 GBCFPbkQ_V3	MICRON	SO1GBIII10	Memory MICRON SO-DIMM DDRIII 1066 1GB MT8JSF12864HY-1G1D1 LF 64*16 0.07um
AS8940G_N10PGS1 GBCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ11UE6BBS0-AE-F LF 64*16 0.065um
AS8940G_N10PGS1 GBCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ10UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBCFPbkQ_V3	SAMSUNG	SO1GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 1GB M471B2873EH1-CF8 LF 64*16 0.055um
AS8940G_N10PGS1 GBCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6BFR6C-G7 N0 LF 64*16 0.055um
AS8940G_N10PGS1 GBCFPbkQ_V3	NANYA	SO2GBIII10	Memory NANYA SO-DIMM DDRIII 1066 2GB NT2GC64B8HA1NS-BE LF 128*8 0.07um
AS8940G_N10PGS1 GBCFPbkQ_V3	MICRON	SO2GBIII10	Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um
AS8940G_N10PGS1 GBCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um
AS8940G_N10PGS1 GBCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BBS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF 128*8 0.065um
AS8940G_N10PGS1 GBCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673EH1-CF8 LF 128*8 0.055um
AS8940G_N10PGS1 GBCFPbkQ_V3	HYNIX	SO2GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 2GB HMT125S6BFR8C-G7 N0 LF 128*8 0.055um
AS8940G_N10PGS1 GBCFbkQ_V3	NANYA	SO1GBIII10	Memory NANYA SO-DIMM DDRIII 1066 1GB NT1GC64BH8A1PS-BE LF 64*16 0.07um
AS8940G_N10PGS1 GBCFbkQ_V3	MICRON	SO1GBIII10	Memory MICRON SO-DIMM DDRIII 1066 1GB MT8JSF12864HY-1G1D1 LF 64*16 0.07um
AS8940G_N10PGS1 GBCFbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ11UE6BBS0-AE-F LF 64*16 0.065um
AS8940G_N10PGS1 GBCFbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ10UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBCFbkQ_V3	SAMSUNG	SO1GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 1GB M471B2873EH1-CF8 LF 64*16 0.055um
AS8940G_N10PGS1 GBCFbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um
AS8940G_N10PGS1 GBCFbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6BFR6C-G7 N0 LF 64*16 0.055um
AS8940G_N10PGS1 GBCFbkQ_V3	NANYA	SO2GBIII10	Memory NANYA SO-DIMM DDRIII 1066 2GB NT2GC64B8HA1NS-BE LF 128*8 0.07um
AS8940G_N10PGS1 GBCFbkQ_V3	MICRON	SO2GBIII10	Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um
AS8940G_N10PGS1 GBCFbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um
AS8940G_N10PGS1 GBCFbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BBS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBCFbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBCFbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF 128*8 0.065um
AS8940G_N10PGS1 GBCFbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673EH1-CF8 LF 128*8 0.055um
AS8940G_N10PGS1 GBCFbkQ_V3	HYNIX	SO2GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 2GB HMT125S6BFR8C-G7 N0 LF 128*8 0.055um
AS8940G_N10PGS1 GBTCFPbkQ_V3	NANYA	SO1GBIII10	Memory NANYA SO-DIMM DDRIII 1066 1GB NT1GC64BH8A1PS-BE LF 64*16 0.07um
AS8940G_N10PGS1 GBTCFPbkQ_V3	MICRON	SO1GBIII10	Memory MICRON SO-DIMM DDRIII 1066 1GB MT8JSF12864HY-1G1D1 LF 64*16 0.07um
AS8940G_N10PGS1 GBTCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ11UE6BBS0-AE-F LF 64*16 0.065um

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBTCFPbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ10UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFPbkQ_V3	SAMSUNG	SO1GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 1GB M471B2873EH1-CF8 LF 64*16 0.055um
AS8940G_N10PGS1 GBTCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um
AS8940G_N10PGS1 GBTCFPbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6BFR6C-G7 N0 LF 64*16 0.055um
AS8940G_N10PGS1 GBTCFPbkQ_V3	NANYA	SO2GBIII10	Memory NANYA SO-DIMM DDRIII 1066 2GB NT2GC64B8HA1NS-BE LF 128*8 0.07um
AS8940G_N10PGS1 GBTCFPbkQ_V3	MICRON	SO2GBIII10	Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um
AS8940G_N10PGS1 GBTCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um
AS8940G_N10PGS1 GBTCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BBS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFPbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFPbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673EH1-CF8 LF 128*8 0.055um
AS8940G_N10PGS1 GBTCFPbkQ_V3	HYNIX	SO2GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 2GB HMT125S6BFR8C-G7 N0 LF 128*8 0.055um
AS8940G_N10PGS1 GBTCFbkQ_V3	NANYA	SO1GBIII10	Memory NANYA SO-DIMM DDRIII 1066 1GB NT1GC64BH8A1PS-BE LF 64*16 0.07um
AS8940G_N10PGS1 GBTCFbkQ_V3	MICRON	SO1GBIII10	Memory MICRON SO-DIMM DDRIII 1066 1GB MT8JSF12864HY-1G1D1 LF 64*16 0.07um
AS8940G_N10PGS1 GBTCFbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ11UE6BBS0-AE-F LF 64*16 0.065um
AS8940G_N10PGS1 GBTCFbkQ_V3	ELPIDA	SO1GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ10UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFbkQ_V3	SAMSUNG	SO1GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 1GB M471B2873EH1-CF8 LF 64*16 0.055um
AS8940G_N10PGS1 GBTCFbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um
AS8940G_N10PGS1 GBTCFbkQ_V3	HYNIX	SO1GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6BFR6C-G7 N0 LF 64*16 0.055um
AS8940G_N10PGS1 GBTCFbkQ_V3	NANYA	SO2GBIII10	Memory NANYA SO-DIMM DDRIII 1066 2GB NT2GC64B8HA1NS-BE LF 128*8 0.07um
AS8940G_N10PGS1 GBTCFbkQ_V3	MICRON	SO2GBIII10	Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um
AS8940G_N10PGS1 GBTCFbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um
AS8940G_N10PGS1 GBTCFbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BBS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFbkQ_V3	ELPIDA	SO2GBIII10	Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BDS0-AE-F LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF 128*8 0.065um
AS8940G_N10PGS1 GBTCFbkQ_V3	SAMSUNG	SO2GBIII10	Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673EH1-CF8 LF 128*8 0.055um
AS8940G_N10PGS1 GBTCFbkQ_V3	HYNIX	SO2GBIII10	Memory HYNIX SO-DIMM DDRIII 1066 2GB HMT125S6BFR8C-G7 N0 LF 128*8 0.055um

BOM_Name	BRAND	Type	Description
Northbridge Chipset			
AS8940G_N10EGE1 GBCFPbkQ_V3	INTEL	PM55	NB Chipset Intel CS BD82PM55 MM#903212
AS8940G_N10EGE1 GBTCFPbkQ_V3	INTEL	PM55	NB Chipset Intel CS BD82PM55 MM#903212
AS8940G_N10PGS1 GBCFPbkQ_V3	INTEL	PM55	NB Chipset Intel CS BD82PM55 MM#903212
AS8940G_N10PGS1 GBCFbkQ_V3	INTEL	PM55	NB Chipset Intel CS BD82PM55 MM#903212
AS8940G_N10PGS1 GBTCFPbkQ_V3	INTEL	PM55	NB Chipset Intel CS BD82PM55 MM#903212
AS8940G_N10PGS1 GBTCFbkQ_V3	INTEL	PM55	NB Chipset Intel CS BD82PM55 MM#903212
ODD			
AS8940G_N10EGE1 GBCFPbkQ_V3	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT21N LF W/O bezel 1.00 SATA (HF + Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel FW 1.E1 SATA (Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA (Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA (Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	PANASONIC	NBDRW4XS	“ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer”
AS8940G_N10EGE1 GBCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel FW 1.10 SATA (Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ240A LF W/O bezel SATA (HF+Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633C LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT30N LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS8940G_N10EGE1 GBCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7585H LF W/O bezel SATA (HF + Windows 7)

BOM_Name	BRAND	Type	Description
AS8940G_N10EGE1 GBCFPbkQ_V3	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A4SH LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT21N LF W/O bezel 1.00 SATA (HF + Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel FW 1.E1 SATA (Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA (Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA (Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	PANASONIC	NBDRW4XS	“ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer”
AS8940G_N10EGE1 GBTCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel FW 1.10 SATA (Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ240A LF W/O bezel SATA (HF+Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633C LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT30N LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS8940G_N10EGE1 GBTCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7585H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10EGE1 GBTCFPbkQ_V3	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A4SH LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT21N LF W/O bezel 1.00 SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel FW 1.E1 SATA (Windows 7)

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	PANASONIC	NBDRW4XS	“ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer”
AS8940G_N10PGS1 GBCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel FW 1.10 SATA (Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ240A LF W/O bezel SATA (HF+Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633C LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT30N LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS8940G_N10PGS1 GBCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7585H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFPbkQ_V3	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A4SH LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT21N LF W/O bezel 1.00 SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel FW 1.E1 SATA (Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	PANASONIC	NBDRW4XS	“ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer”

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel FW 1.10 SATA (Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ240A LF W/O bezel SATA (HF+Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633C LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT30N LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA
AS8940G_N10PGS1 GBCFbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS8940G_N10PGS1 GBCFbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7585H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBCFbkQ_V3	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A4SH LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT21N LF W/O bezel 1.00 SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel FW 1.E1 SATA (Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	PANASONIC	NBDRW4XS	“ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer”
AS8940G_N10PGS1 GBTCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel FW 1.10 SATA (Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ240A LF W/O bezel SATA (HF+Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633C LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT30N LF W/O bezel SATA (HF + Windows 7)

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBTCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS8940G_N10PGS1 GBTCFPbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7585H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFPbkQ_V3	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A4SH LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	PIONEER	NBDCB4XS	ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	HLDS	NBDCB4XS	ODD HLDS BD COMBO 12.7mm Tray DL 4X CT21N LF W/O bezel 1.00 SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel FW 1.E1 SATA (Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	SONY	NBDCB4XS	ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	PLDS	NBDCB4XS	ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	PIONEER	NBDRW4XS	ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA (Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	PANASONIC	NBDRW4XS	“ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer”
AS8940G_N10PGS1 GBTCFbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel FW 1.10 SATA (Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	PANASONIC	NBDRW4XS	ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ240A LF W/O bezel SATA (HF+Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	TOSHIBA	NSM8XS	ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633C LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	HLDS	NSM8XS	ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT30N LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA
AS8940G_N10PGS1 GBTCFbkQ_V3	SONY	NSM8XS	ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7585H LF W/O bezel SATA (HF + Windows 7)
AS8940G_N10PGS1 GBTCFbkQ_V3	PLDS	NSM8XS	ODD PLDS Super-Multi DRIVE 12.7mm Tray DL 8X DS-8A4SH LF W/O bezel SATA (HF + Windows 7)
Remote Control			
AS8940G_N10EGE1 GBCFPbkQ_V3	Fomosa21	RC804V-B	Fomosa21 Remote Controller RC804V-B EU

BOM_Name	BRAND	Type	Description
AS8940G_N10EGE1 GBCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B TC
AS8940G_N10EGE1 GBCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B SC
AS8940G_N10EGE1 GBCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B EN
AS8940G_N10EGE1 GBTCFPbkQ_V3	Fomosa21	RC804V-B	Fomosa21 Remote Controller RC804V-B EU
AS8940G_N10EGE1 GBTCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B TC
AS8940G_N10EGE1 GBTCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B SC
AS8940G_N10EGE1 GBTCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B EN
AS8940G_N10PGS1 GBCFPbkQ_V3	Fomosa21	RC804V-B	Fomosa21 Remote Controller RC804V-B EU
AS8940G_N10PGS1 GBCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B TC
AS8940G_N10PGS1 GBCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B SC
AS8940G_N10PGS1 GBCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B EN
AS8940G_N10PGS1 GBCFbkQ_V3	Fomosa21	RC804V-B	Fomosa21 Remote Controller RC804V-B EU
AS8940G_N10PGS1 GBCFbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B TC
AS8940G_N10PGS1 GBCFbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B SC
AS8940G_N10PGS1 GBCFbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B EN
AS8940G_N10PGS1 GBTCFPbkQ_V3	Fomosa21	RC804V-B	Fomosa21 Remote Controller RC804V-B EU
AS8940G_N10PGS1 GBTCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B TC
AS8940G_N10PGS1 GBTCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B SC
AS8940G_N10PGS1 GBTCFPbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B EN
AS8940G_N10PGS1 GBTCFbkQ_V3	Fomosa21	RC804V-B	Fomosa21 Remote Controller RC804V-B EU
AS8940G_N10PGS1 GBTCFbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B TC
AS8940G_N10PGS1 GBTCFbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B SC
AS8940G_N10PGS1 GBTCFbkQ_V3	Formosa21	RC804V-B	Formosa21 Remote Controller RC804V-B EN
Southbridge Chipset			
AS8940G_N10EGE1 GBCFPbkQ_V3	None	N	N
AS8940G_N10EGE1 GBTCFPbkQ_V3	None	N	N
AS8940G_N10PGS1 GBCFPbkQ_V3	None	N	N

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBCFbkQ_V3	None	N	N
AS8940G_N10PGS1 GBTCFPbkQ_V3	None	N	N
AS8940G_N10PGS1 GBTCFbkQ_V3	None	N	N
Software			
AS8940G_N10EGE1 GBCFPbkQ_V3		McAfee	Antivirus application McAfee
AS8940G_N10EGE1 GBTCFPbkQ_V3		McAfee	Antivirus application McAfee
AS8940G_N10PGS1 GBCFPbkQ_V3		McAfee	Antivirus application McAfee
AS8940G_N10PGS1 GBCFbkQ_V3		McAfee	Antivirus application McAfee
AS8940G_N10PGS1 GBTCFPbkQ_V3		McAfee	Antivirus application McAfee
TV Antenna			
AS8940G_N10EGE1 GBTCFPbkQ_V3		Passive Antenna	Avermedia Di-Pole passive TV Antenna
AS8940G_N10PGS1 GBTCFPbkQ_V3		Passive Antenna	Avermedia Di-Pole passive TV Antenna
AS8940G_N10PGS1 GBTCFbkQ_V3		Passive Antenna	Avermedia Di-Pole passive TV Antenna
TV Tuner			
AS8940G_N10EGE1 GBTCFPbkQ_V3		DVB-T Mini-card	DVB-T Mini-card TT-1260DA w/DiBCOM DIB7070P+DiB0700C rev.D
AS8940G_N10EGE1 GBTCFPbkQ_V3		DVB-T Mini-card	DVB-T Mini-card TT-1281DA w/DiBCOM DIB7770
AS8940G_N10PGS1 GBTCFPbkQ_V3		DVB-T Mini-card	DVB-T Mini-card TT-1260DA w/DiBCOM DIB7070P+DiB0700C rev.D
AS8940G_N10PGS1 GBTCFPbkQ_V3		DVB-T Mini-card	DVB-T Mini-card TT-1281DA w/DiBCOM DIB7770
AS8940G_N10PGS1 GBTCFbkQ_V3		DVB-T Mini-card	DVB-T Mini-card TT-1260DA w/DiBCOM DIB7070P+DiB0700C rev.D
AS8940G_N10PGS1 GBTCFbkQ_V3		DVB-T Mini-card	DVB-T Mini-card TT-1281DA w/DiBCOM DIB7770
VGA Chip			
AS8940G_N10EGE1 GBCFPbkQ_V3	NVIDIA	N10EGE	NVIDIA N10EGE 40nm 29mm*29mm GB1-128 package
AS8940G_N10EGE1 GBTCFPbkQ_V3	NVIDIA	N10EGE	NVIDIA N10EGE 40nm 29mm*29mm GB1-128 package
AS8940G_N10PGS1 GBCFPbkQ_V3	NVIDIA	N10PGS	NVIDIA N10PGS 40nm 29mm*29mm GB1-128 package
AS8940G_N10PGS1 GBCFbkQ_V3	NVIDIA	N10PGS	NVIDIA N10PGS 40nm 29mm*29mm GB1-128 package
AS8940G_N10PGS1 GBTCFPbkQ_V3	NVIDIA	N10PGS	NVIDIA N10PGS 40nm 29mm*29mm GB1-128 package
AS8940G_N10PGS1 GBTCFbkQ_V3	NVIDIA	N10PGS	NVIDIA N10PGS 40nm 29mm*29mm GB1-128 package
VRAM			
AS8940G_N10EGE1 GBCFPbkQ_V3		1G-DDR3 (64*16*8)	1G-DDR3 64*16*8

BOM_Name	BRAND	Type	Description
AS8940G_N10EGE1 GBTCFPbkQ_V3		1G-DDR3 (64*16*8)	1G-DDR3 64*16*8
AS8940G_N10PGS1 GBCFPbkQ_V3		1G-DDR3 (64*16*8)	1G-DDR3 64*16*8
AS8940G_N10PGS1 GBCFbkQ_V3		1G-DDR3 (64*16*8)	1G-DDR3 64*16*8
AS8940G_N10PGS1 GBTCFPbkQ_V3		1G-DDR3 (64*16*8)	1G-DDR3 64*16*8
AS8940G_N10PGS1 GBTCFbkQ_V3		1G-DDR3 (64*16*8)	1G-DDR3 64*16*8
WiFi Antenna			
AS8940G_N10EGE1 GBCFPbkQ_V3	WNC	PIFA	PIFA
AS8940G_N10EGE1 GBTCFPbkQ_V3	WNC	PIFA	PIFA
AS8940G_N10PGS1 GBCFPbkQ_V3	WNC	PIFA	PIFA
AS8940G_N10PGS1 GBCFbkQ_V3	WNC	PIFA	PIFA
AS8940G_N10PGS1 GBTCFPbkQ_V3	WNC	PIFA	PIFA
AS8940G_N10PGS1 GBTCFbkQ_V3	WNC	PIFA	PIFA
WLAN			
AS8940G_N10EGE1 GBCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361
AS8940G_N10EGE1 GBCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541
AS8940G_N10EGE1 GBCFPbkQ_V3	INTEL	SP3x3MMW	Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545
AS8940G_N10EGE1 GBTCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361
AS8940G_N10EGE1 GBTCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541
AS8940G_N10EGE1 GBTCFPbkQ_V3	INTEL	SP3x3MMW	Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545
AS8940G_N10PGS1 GBCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361
AS8940G_N10PGS1 GBCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541
AS8940G_N10PGS1 GBCFPbkQ_V3	INTEL	SP3x3MMW	Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545
AS8940G_N10PGS1 GBCFbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361
AS8940G_N10PGS1 GBCFbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541
AS8940G_N10PGS1 GBCFbkQ_V3	INTEL	SP3x3MMW	Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545
AS8940G_N10PGS1 GBTCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361
AS8940G_N10PGS1 GBTCFPbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541
AS8940G_N10PGS1 GBTCFPbkQ_V3	INTEL	SP3x3MMW	Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545

BOM_Name	BRAND	Type	Description
AS8940G_N10PGS1 GBTCFbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361
AS8940G_N10PGS1 GBTCFbkQ_V3	INTEL	SP1x2MMW	Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541
AS8940G_N10PGS1 GBTCFbkQ_V3	INTEL	SP3x3MMW	Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545

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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