User Manual

■ Notice

The illustrations in this user's manual are for reference only. Actual product specifications may vary with territories.

The information in this user's manual is subject to change without notice.

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Reverse engineering or disassembly is prohibited.

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1.1 Regulations Information

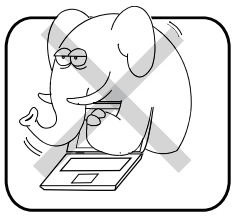
• CE compliance

This device is classed as a technical information equipment (ITE) in class B and is intended for use in living room and office.

CAUTION: Any changes or modifications not expressly approved by the guarantee of this device could void the user's authority to operate the equipment.

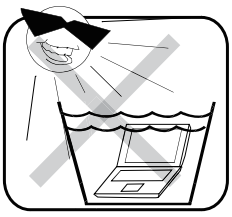
■ 1.2 Safety Instructions

The following safety precautions will increase the life of the Computer. Follow all Precautions and instructions.



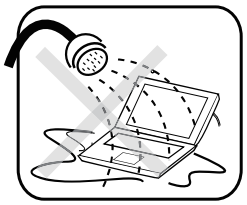
Do not place this device underneath heavy loads or in an unstable position.

Do not use or expose this device around magnetic fields as magnetic interference may affect the performance of the device.



Do not expose this device to high levels of direct sunlight, high-humidity or wet conditions.

Do not block the air vents to this device or impede the airflow in any way.



Do NOT expose to or use near liquid, rain, or moisture.

Do NOT use the modem during electrical storms.

•The unit can be operated at an ambient temperature of max. 35°C (95°F). Do not subject it to temperatures below 5°C (41°F) or above 35°C (95°F).

•CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

■ 1.3 Notes for this Manual

CAUTION! Important information that must be followed for safe operation.

NOTE : Information for special situations.

■ 1.4 Release History

Version	Revision Note	Date
1.0	First Released	03.2016

Getting to know the basics

2.1 Product Specification

This User's Manual provides instructions and illustrations on how to operate this notebook. It is recommended to read this manual carefully before using this notebook.

• Physical Characteristic

Dimension	380 x 263.8 x 25.1~26.35 mm (w/o rubber foot)
Weight	1.90~2.14kg w/4-cell (depend upon the actually shipping product)

• CPU

Support Processor	Intel® Shark Bay ULT platform

• Memory

DDRIII	DDR3L 1600 MHz, RAM socket x1 System DDR3 up to 8GB total

• Power

AC Adapter	65 Watts, 2 Pin
Battery	Li-ion Battery

• Storage

HDD	2.5" SATA HDD support (7mm)
Card reader	Support SD/MS/MS Pro Memory Card

· Optical Device

ODD	9.5 mm SATA ODD support

· I/O Port (Optional)

DC-in	x 1
USB	USB2.0 x 2 + USB3.0 x 1
RJ45	x 1
Phone jack	x 1 (Microphone/ Headphone)
Card Reader Socket	x 1 (SD/MS/MS pro)
HDMI	x 1
Kensington® Lock	x 1

· Audio

Audio Codec	Azalia standard support, D3 mode support
Speaker	Build-in one speaker as default, two as option
MIC	internal MIC support

· Input

Keyboard	Standard NB KB
Pointing Device	PS2+SMBus ClickPad with 1 button

· Display

VGA	Integrated HD Graphics
LCD	15.6" HD 16:9 LED type, resolution 1366 x 768 Touch panel (Optional)

· Communication Port

LAN Controller	Supports 10/100/1000 Mb/Sec.
Network Proxy-Remote Wake	Supports S3/S4/S5 wake ON LAN (WOL) feature Sleep mode or LPM <10W
Wireless LAN	IEEE802.11b/g/n support
Wireless LAN+Bluetooth (Optional)	IEEE802.11b/g/n support, BT 4.0, USB interface

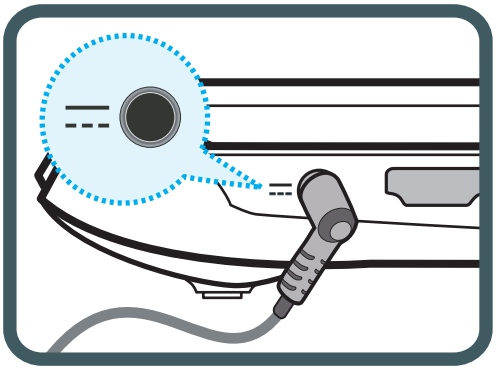
· Webcam

Webcam	Build-in Webcam module

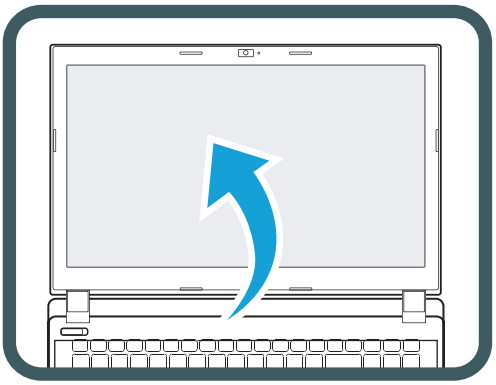
CAUTION: MODEL IS DESIGNED TO USE WITH THE DC INPUT: (19V/3.42A) ADAPTERS.

■ 2.2 Preparing your Computer

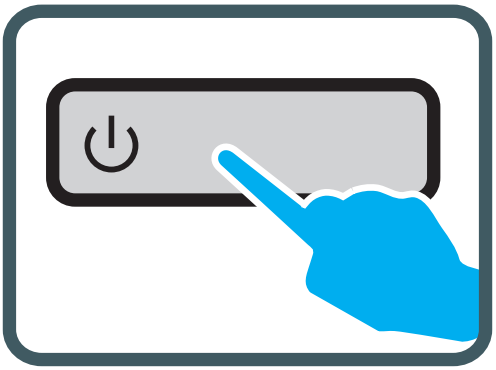
1. Plug the AC adapter cable into the DC power connector. Connect one end of the power cable to the supplied power adapter, and the other end to a wall outlet.



2. To open your notebook computer.



3. Press the power button to turn on your notebook computer.



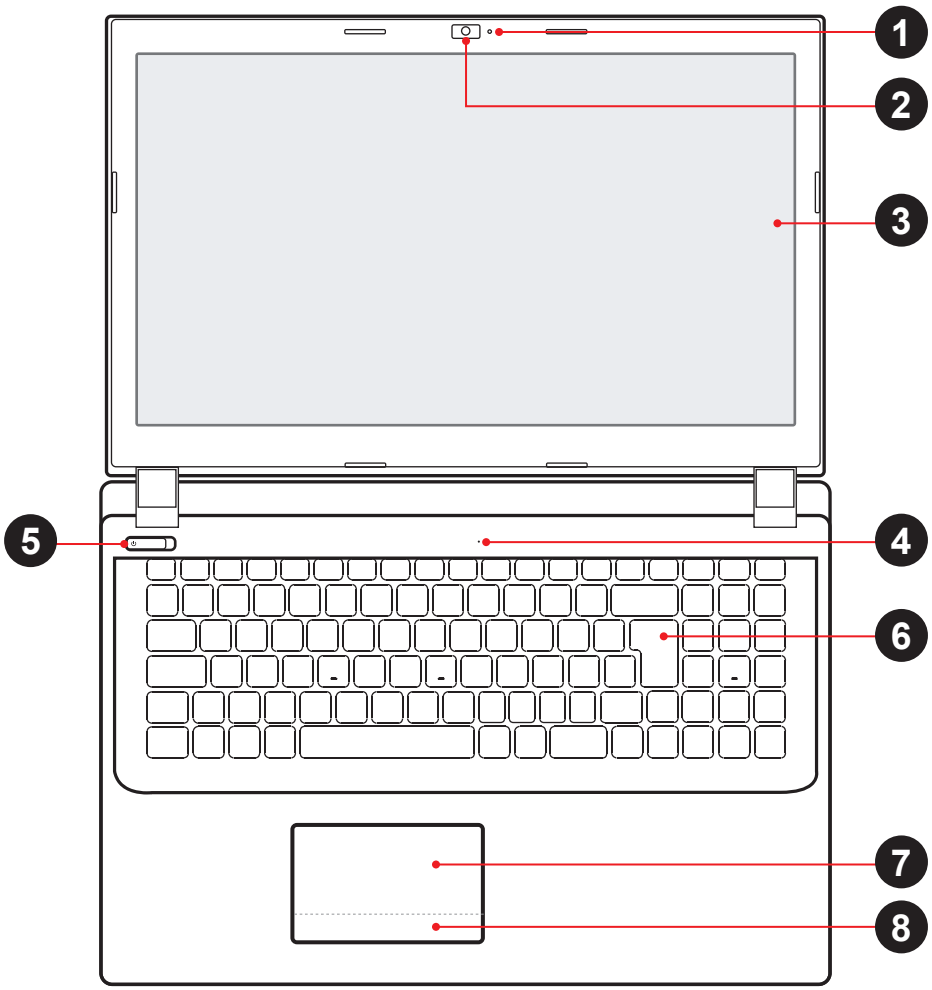
■ 2.3 Product Overview

This section provides the description of basic aspects of the notebook.

NOTE: The product's color, I/O port, indicator location, and specification will depend upon the actually shipping product.

■ 2.3.1 Top-Open View

The figure of top-open view and description shown below will lead you to browse the main operating area of your notebook.



Top Side Components	Function Description
1 Camera Status LED	The Camera indicator shows the Camera status.
2 Webcam	The built-in Webcam allows picture taking or video recording.
3 LCD screen	Displays of your notebook computer.
4 Microphone	Built-in microphone.
5 Power Button	Turns on the power of your notebook computer.
Power Status LED	The Power indicator shows the Power status.

Status	Color
Power On	Blue
Suspend	Blinking blue
Charging	Power on : Purple, Power off : Red
Battery Low	Interlaced blinking blue&purple

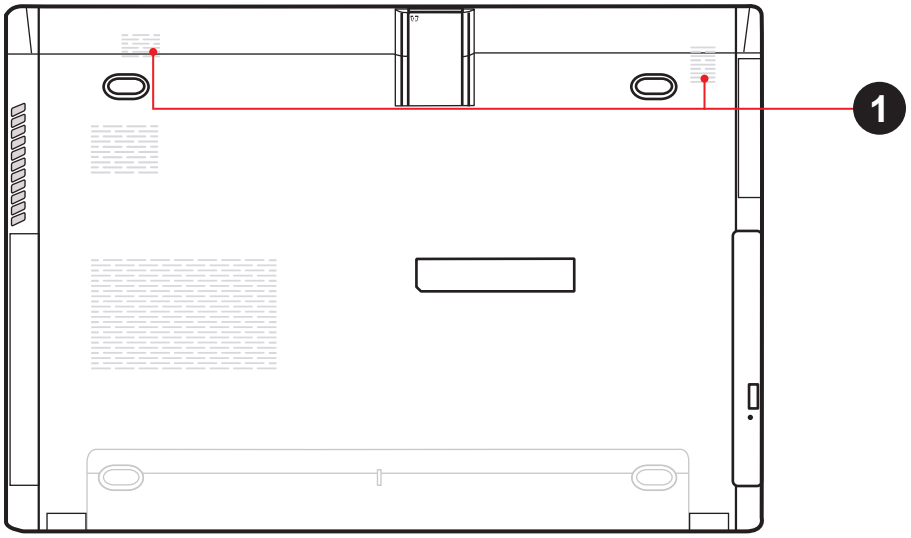
6 Keyboard	The keyboard provides keys with comfortable travel.
7 ClickPad	Touch-sensitive pointing device which functions like the mouse.
8 Left and right Clickpad buttons	The left and right buttons function like the left and right buttons on a standard mouse.

CAUTION: When you are not using the computer, keep the LCD screen closed to protect it from dust.

■ 2.3.2 Bottom Side View

Refer to the following illustration to identify the components on this side of the computer.

NOTE : The product's thermal vent will depend upon the actually shipping product.

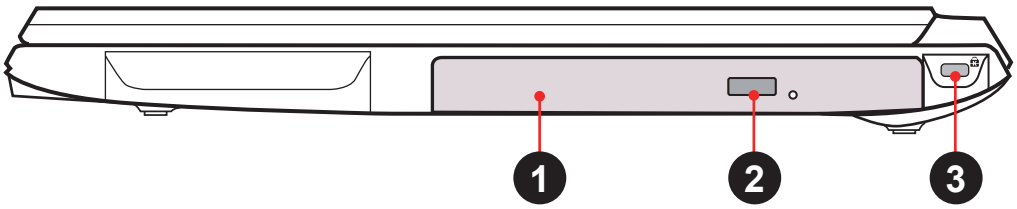


Top Side Components	Function Description
1 Stereo speakers	Produce stereo sound.

CAUTION: Do not put the computer on your LAP or other Parts of the body to avoid injury from the heat.

■ 2.3.3 Right Side View

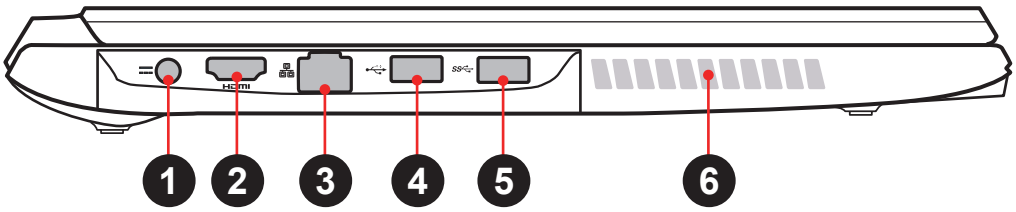
Refer to the following illustration to identify the components on this side of the computer.



Top Side Components		Function Description
1 Optical drive		Slot for inserting a disc.
2 Eject button		Ejects the CD/DVD disc.
3 Kensington® Lock Port		To be secured using Kensington® Lock Port security products.

■ 2.3.4 Left Side View

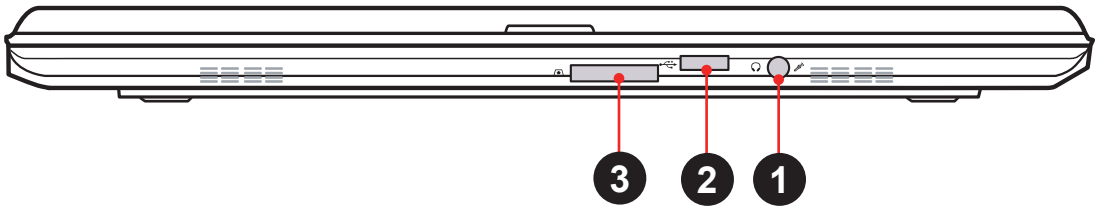
Refer to the following illustration to identify the components on this side of the computer.



Top Side Components		Function Description
1 Power Connector	⎓	Connects the AC adapter into this connector.
2 HDMI Port	HDMI	Connects an external monitor.
3 Network Jack		Connects network.
4 USB 2.0 Port		Connects an USB device. (such as USB Zip drive, keyboard or mouse) into this jack. -Intelligent charging for external USB device in power off mode. (Press power button in 5secs when power off, the charging function is enable. Press power button in 1sec, it can be disable the charging function.) -Enhance USB power from 500mA to 1.5A
5 USB 3.0 Port	SS	Connects an USB device.(such as USB Zip drive, keyboard or mouse) into this jack.
6 Vent		Thermal Vent.

■ 2.3.5 Front Side View

Refer to the following illustration to identify the components on this side of the computer.

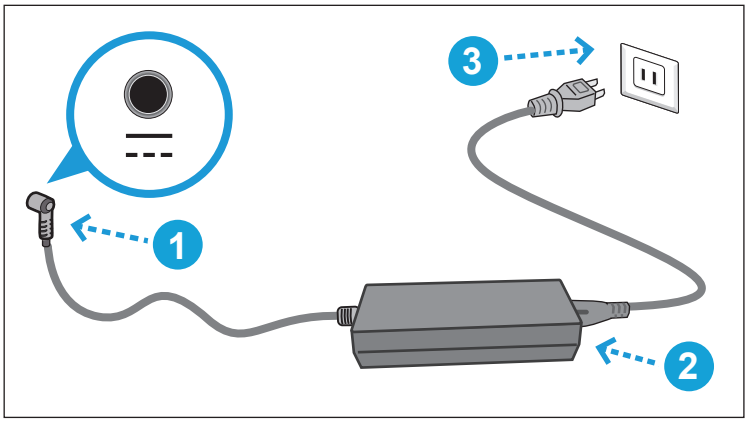


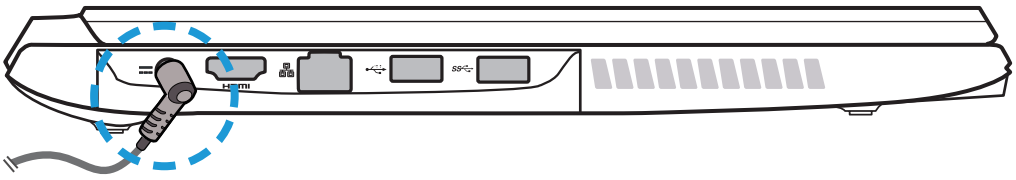
Top Side Components		Function Description
1 Headphone and Microphone jack		Connects amplified speakers, headphones or microphone into this jack.
2 USB 2.0 Port		Connects an USB device. (such as USB Zip drive, keyboard or mouse) into this jack.
3 Card Reader		SD/MS/MS Pro Memory Card.

3.1 AC Adapter

Please be noted that it is strongly recommended to connect the AC adapter and use the AC power while using this notebook for the first time. When the AC adapter is connected, the battery is being charged immediately.

Note that the AC adapter included in the package is approved for your notebook; using other adapter model may damage either the notebook or other devices attached to it.





CAUTION: Do not use inferior extension cords as this may result in damage to your notebook. The notebook comes with its own AC adapter. Do not use a different adapter to power the computer and other electrical devices.

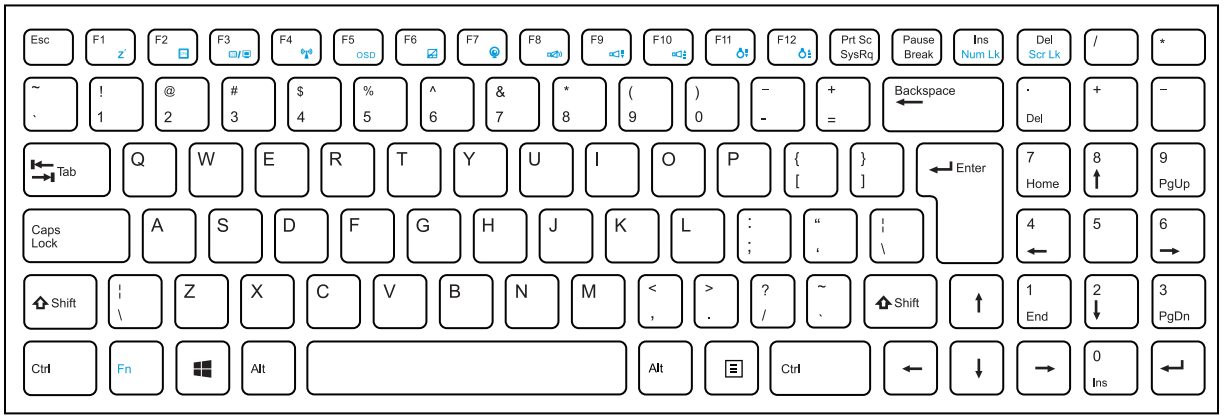
NOTE: The power adapter may become warm to hot when in use. Be sure not to cover the adapter and keep it away from your body.

■ 3.2 Knowing the Keyboard

The following defines the colored hot keys on the Keyboard.

The colored commands can only be accessed by first pressing and holding the function key while pressing a key with a colored command.

• Keyboard for Windows 8.1 / Windows 10:



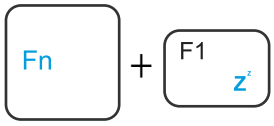
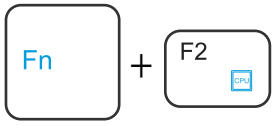
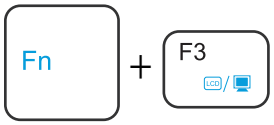
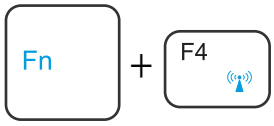
NOTE: The keyboard differs for each territory.

CAUTION: Operation system support based on product specification.

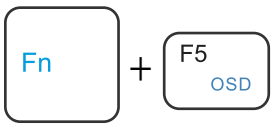
■ 3.2.1 Windows 8.1 / Windows 10 for keyboard users

To activate these functions, press and hold down <Fn> together with the keys described below:

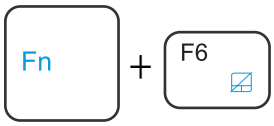
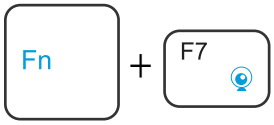
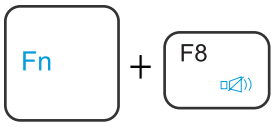
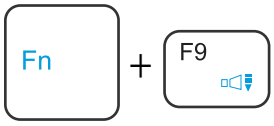
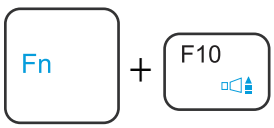
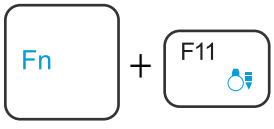
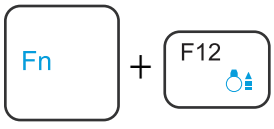
■ Function Keys

Keypad		Function Description
	Suspend:	Press this key combination (Fn+F1) to enter sleep mode.
	Power Saving:	Press this key combination (Fn+F2) to enter power saving mode (CPU will keep the lowest speed).
	Display Switch:	Press this key combination (Fn+F3) to toggle between the devices that receive video card's output. The default is computer monitor only. Other options are video projector only, both showing the same image and both showing a portion of a larger desktop.
	RADIO on/off:	Press this key combination (Fn+F4) to turn all radios on or off.

Annotation: FN+F4 is combo key for Bluetooth and WIFI function on/off.

	OSD: (on screen display):	Press this key combination (Fn+F5) to show a OSD bar for knowing the definition of function keys.

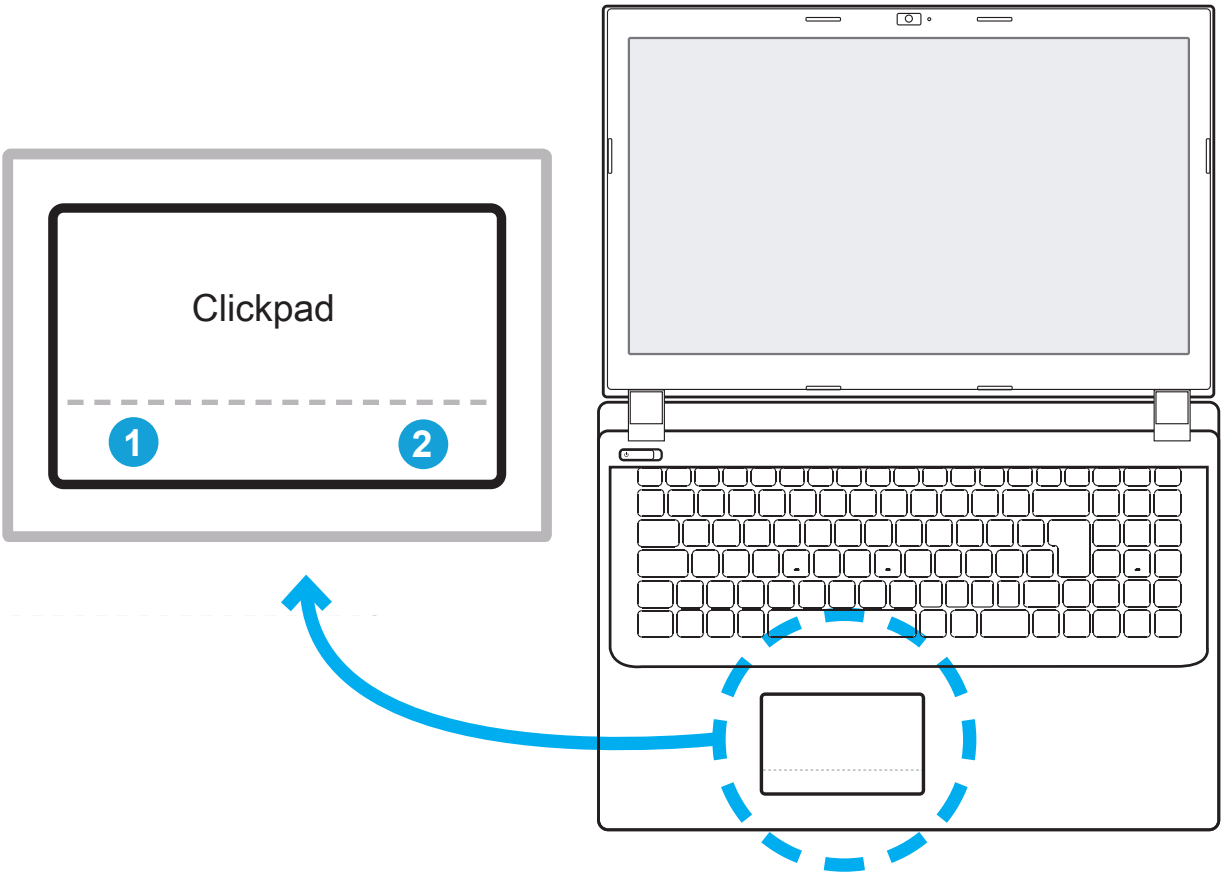
■ Function Keys

Keypad		Function Description
	Touch pad:	Press this key combination (Fn+F6) to enter Touch pad mode.
	Webcam on/off:	Press this key combination (Fn+F7) to enter Webcam on/off mode.
	MUTE:	Press this key combination (Fn+F8) to enter MUTE mode.
	Volume down:	Press this key combination (Fn+F9) to enter Volume down mode.
	Volume up:	Press this key combination (Fn+F10) to enter Volume up mode.
	Brightness down:	Press this key combination (Fn+F11) to decrease brightness of LCD display.
	Brightness up:	Press this key combination (Fn+F12) to increase brightness of LCD display.

■ 3.3 Using the ClickPad

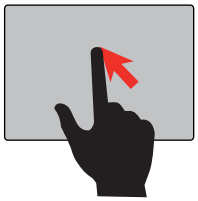
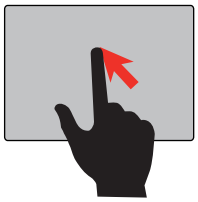
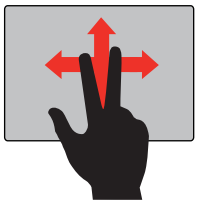
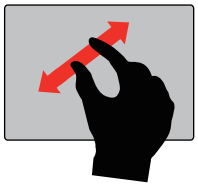
The ClickPad is a rectangular electronic panel located just below your keyboard. You can use the static-sensitive panel of the ClickPad and slide it to move the cursor. You can use the buttons below the ClickPad as left and right mouse buttons.

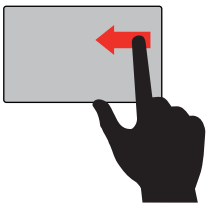
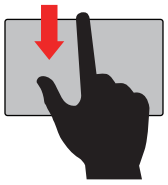
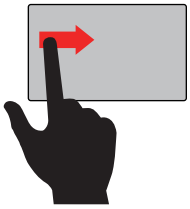
Press the left 1 and right 2 buttons located on the edge of the ClickPad to make selections and run functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the ClickPad produces similar results.



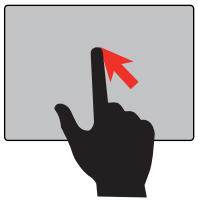
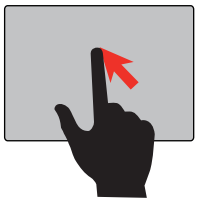
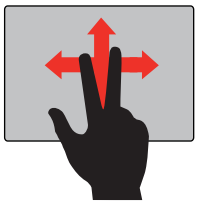
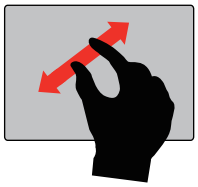
CAUTION: Keep your fingers dry and clean while using the ClickPad. Also keep the ClickPad dry and clean. The ClickPad is sensitive to finger movements. Therefore, the lighter the touch, the better theresponse. Tapping too hard will not increase the ClickPad's responsiveness.

■ 3.3.1 Windows 8.1 Touchpad Usage

Finger gesture		Function Description
Single-finger Slides		Mouse cursor manipulation
Single/two-finger tap, double tap		Primary button click, double click at cursor location
Two-finger Slides		Horizontal or vertical scroll (mouse wheel)
Two-finger Pinch		Zoom (Ctrl + mouse wheel)

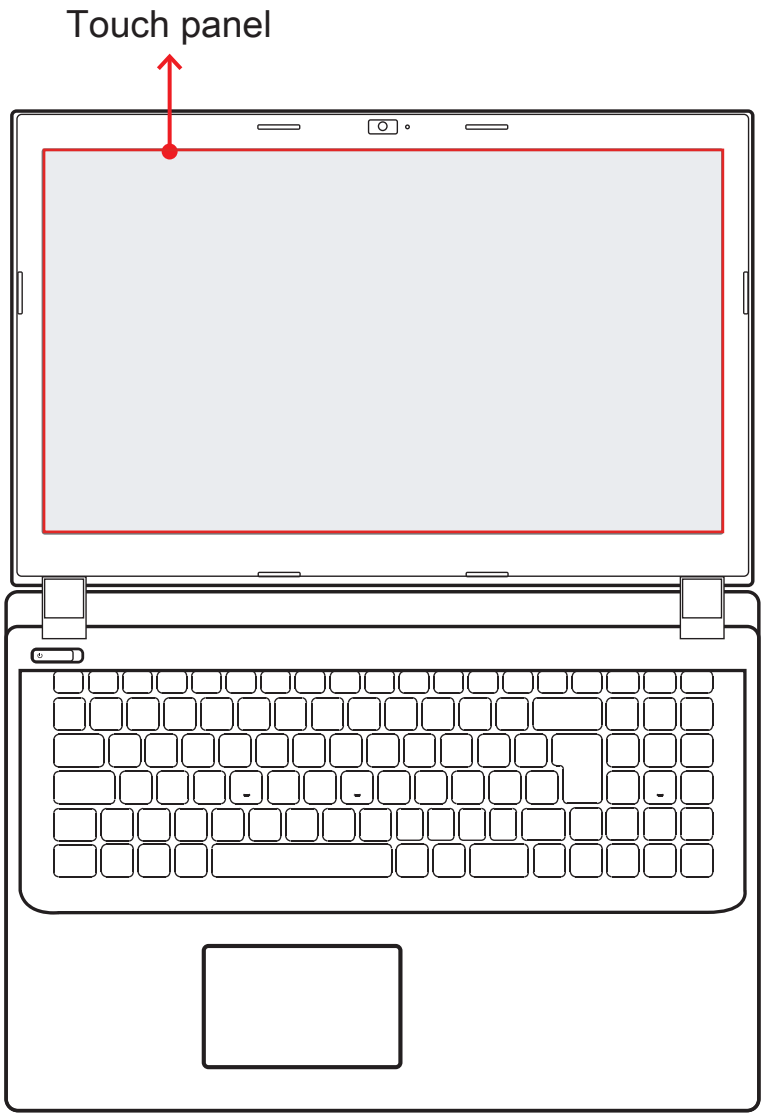
Finger gesture		Function Description
Swipe in from the right edge		Toggle the charms (+ C)
Swipe down from the top edge		Toggle the app commands (+ Z)
Swipe in from the left edge		Switch to last application (+ Ctrl + Backspace)

■ 3.3.2 Windows 10 Touchpad Usage

Finger gesture		Function Description
Single-finger Slides		Mouse cursor manipulation
Single/two-finger tap, double tap		Primary button click, double click at cursor location
Two-finger Slides		Horizontal or vertical scroll (mouse wheel)
Two-finger Pinch		Zoom (Ctrl + mouse wheel)

3.4 Using the touch panel (Optional)

Using the touch panel on selected models can operate following gestures. Gestures allow you to launch programs and access the settings of your Notebook.



CAUTION: Keep your fingers dry and clean while using the touch-panel. Also keep the touch panel dry and clean. The touch panel is sensitive to finger movements. Therefore, the lighter the touch, the better theresponse. Tapping too hard will not increase the touch panel's responsiveness.

4.1 About BIOS Setup

The default BIOS (Basic Input/Output System) is already properly configured and optimized, there is normally no need to run this utility.

4.1.1 When to Use BIOS Setup ?

You may need to run the BIOS Setup when:

- An error message appears on the screen during the system booting up and is requested to run SETUP.
- You want to change the default settings for customized features.
- You want to reload the default BIOS settings.

CAUTION! We strongly recommend that you change the BIOS settings only with the help of a trained service personnel.

4.1.2 How to Run BIOS Setup ?

To run the BIOS Setup Utility, turn on the computer and press the [Del] or [F2] key during the POST procedure.

If the message disappears before you respond and you still wish to enter Setup, either restart the system by turning it OFF and ON, or simultaneously pressing [Ctrl]+[Alt]+[Del] keys to restart.

The setup function only can be invoked by pressing [Del] or [F2] key during POST that provide an approach to change some setting and configuration the user prefer, and the changed values will save in the NVRAM and will take effect after the system rebooted.

Press [F7] key for Boot Menu.

NOTE : The drivers, BIOS and utilities bundled in the support DVD may vary by models and are subject to change without notice.

・ When OS support is Windows 8.1 :

1. Press the Windows key + C, or swipe in from the right edge of the screen to open your Charms.
2. Click Settings.
3. Click Change PC Settings or Click Power and press the Shift key and Click Restart to go to step 6.
4. Update and recovery in PC Settings and select Recovery option.
5. Under Advanced startup, click Restart now. The system will restart and show the Windows 8.1 boot menu.
6. In the boot menu, select Troubleshoot.
7. In the Troubleshoot menu, select Advanced options.
8. In the Advanced options menu, select UEFI Firmware Settings.
9. Click Restart to restart the system and enter UEFI (BIOS).

・ When OS support is Windows 10 :

1. Click the Start menu and select Settings.
2. Select Update and Security.
3. Click Recovery
4. Under Advanced startup, click Restart now.
   The system will restart and show the Windows 10 boot menu.
5. Select Troubleshoot.
6. Choose Advanced options.
7. Select UEFI Firmware Settings.
8. Click Restart to restart the system and enter UEFI (BIOS).