LEADER™
COMPUTERS

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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■ 1.1 Regulations information

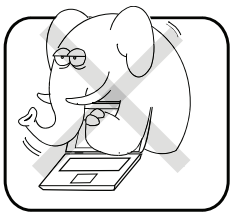
• CE compliance

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.

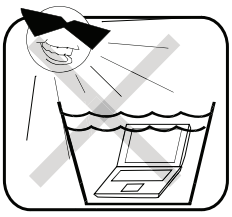
■ 1.2 Safety instructions

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

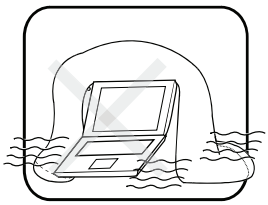


Do not place this device underneath heavy loads or in an unstable position.

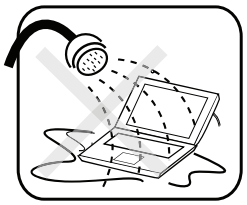
Do not use or expose this device around magnetic fields as magnetic interference may affect the performance of the device.



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
1.1	Leader	31.10.2018

Getting to know the basics

■ 2.1 Product specification

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

• Physical characteristics

Dimension	381.15 x 267.05 x 20.3 mm
Weight	2.1kg

• CPU

Support processor	Intel® Skylake platform

• Memory

DDR3 (optional)	DDR3L 1600 MHz, 1 x RAM Socket System DDR3L up to 8GB/16GB total

• Power

AC adapter	15.6" : 65 Watts, 2/3 Pin
Battery	Li-ion battery

· Storage

HDD	2.5” SATA HDD support, 7mm, 5400rpm
EMMC (optional)	On board EMMC support, 32GB Min
Card Reader	Support SD/SDHC/SDXC 3.0 memory card

· I/O port

USB (optional)	USB 3.0 x 2 + USB 2.0 x 1
DC-in	x 1
HDMI	x 1
RJ45	x 1
Headphone Jack	x 1 for external microphone + headphone (iPhone type supported)
Card reader socket (optional)	x 1 (SD/SDHC/SDXC 3.0)
Kensington® Lock	x 1

· Audio

Audio codec	Azalia standard support, D3 mode support
Speaker	Built-in
Microphone	Internal microphone support

· Input

Keyboard	Standard NB KB
Pointing device	PS2 touch pad with 2 buttons

· Display

LCD (optional)	15.6" HD, 16:9 LED type, resolution 1366x 768

· 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 (optional)	IEEE802.11b/g/n/ac or IEEE802.11b/g/n support or IEEE802.11 a/b/g/n/ac support

· Webcam

Webcam (optional)	Built-in camera module with D-Mic/Windows Cortana support, 0.3M/1M/HD webcam

· Optional

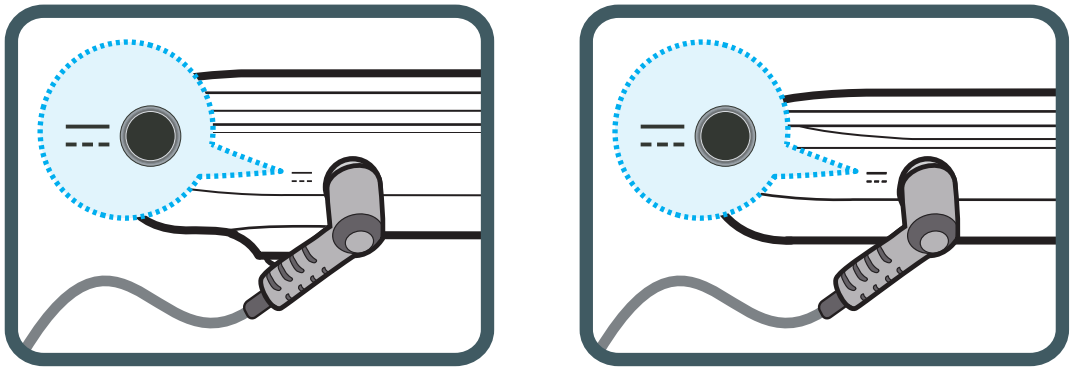
Wireless LAN + bluetooth	Support IEEE 802.11 b/g/n/ac, BT 4.0
HW TPM FW2.0 support	

CAUTION: MODEL IS DESIGNED TO USE WITH THE DC INPUT:
(19V/2.1A) or (19V/3.42A) ADAPTERS.

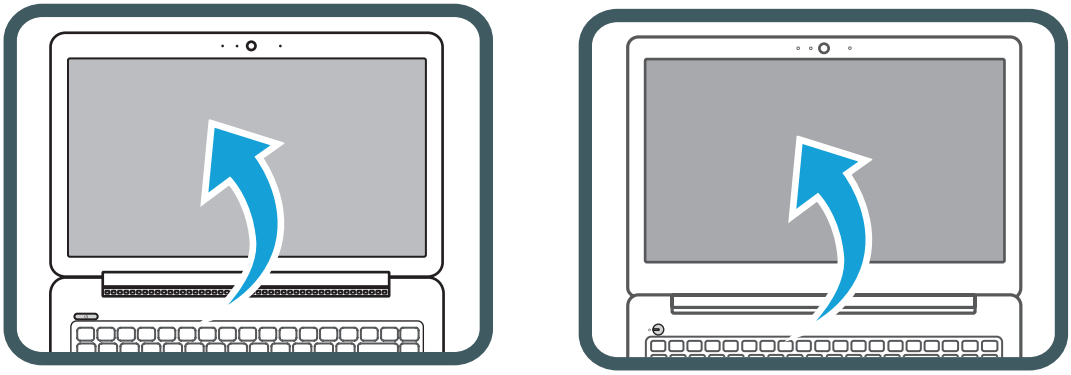
CAUTION! Adapter watt should follow default setting or refer to rating label information.

■ 2.2 Preparing your notebook pc

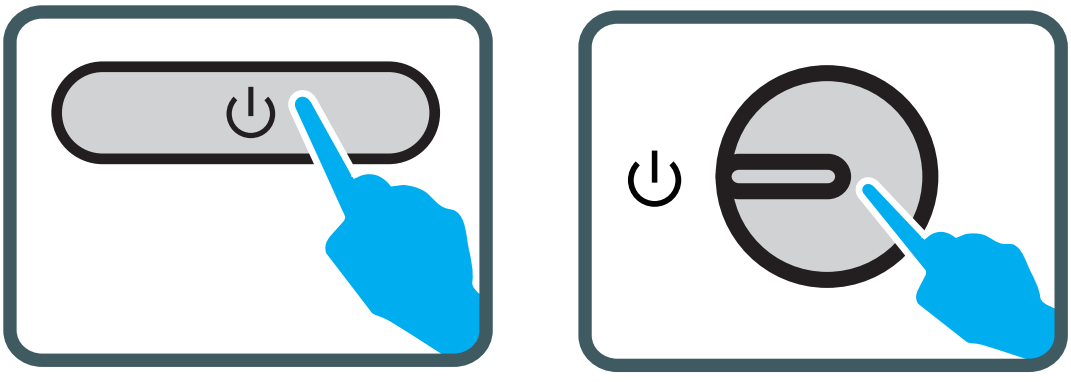
1. Plug the AC adapter cable into the DC power ⎓ connector. Then connect one end of the power cable to the power adapter, and the other end to a wall outlet.



2. Lift to open the display panel.



3. Press the power button ⏻ to turn on your notebook pc.

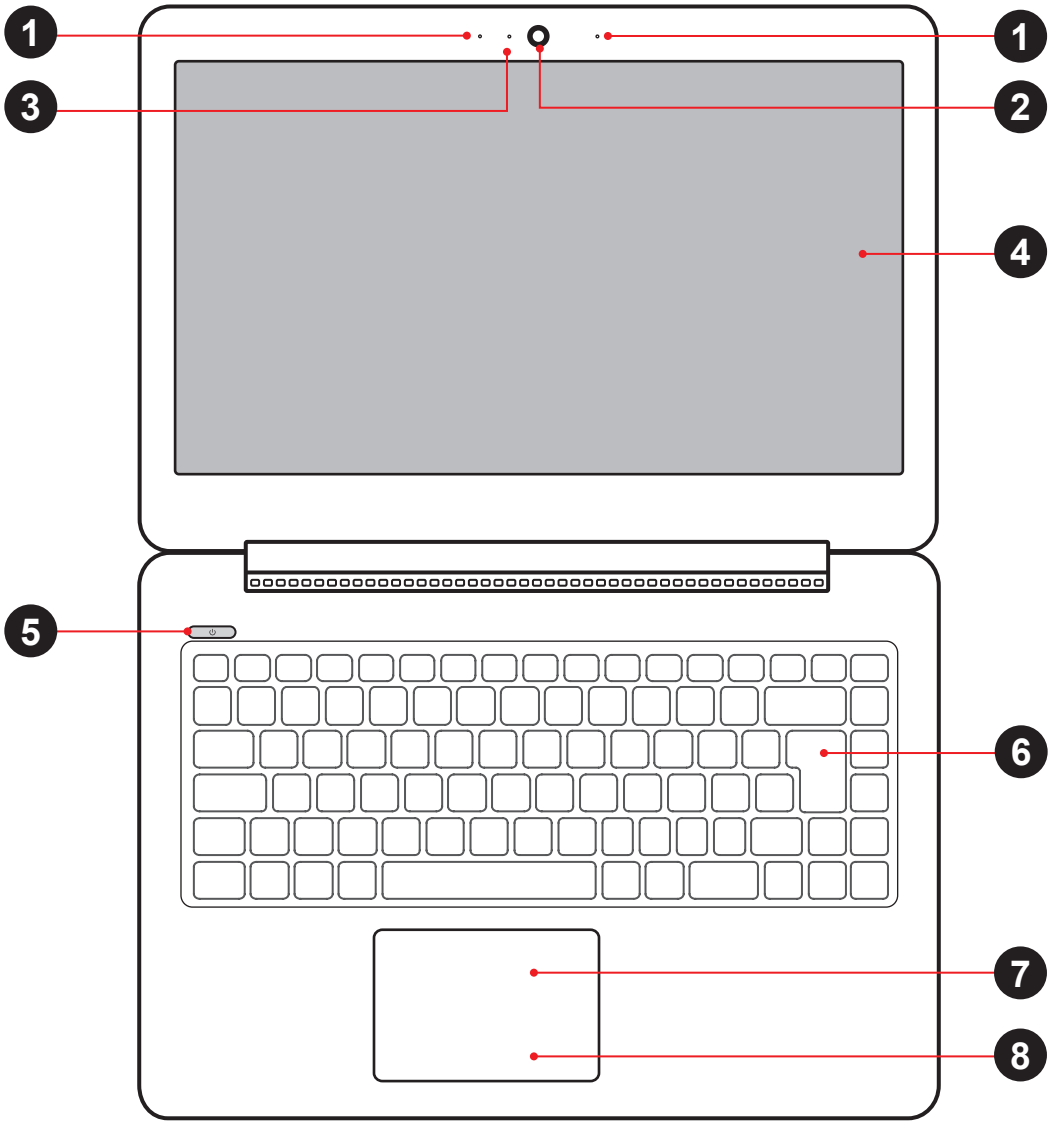


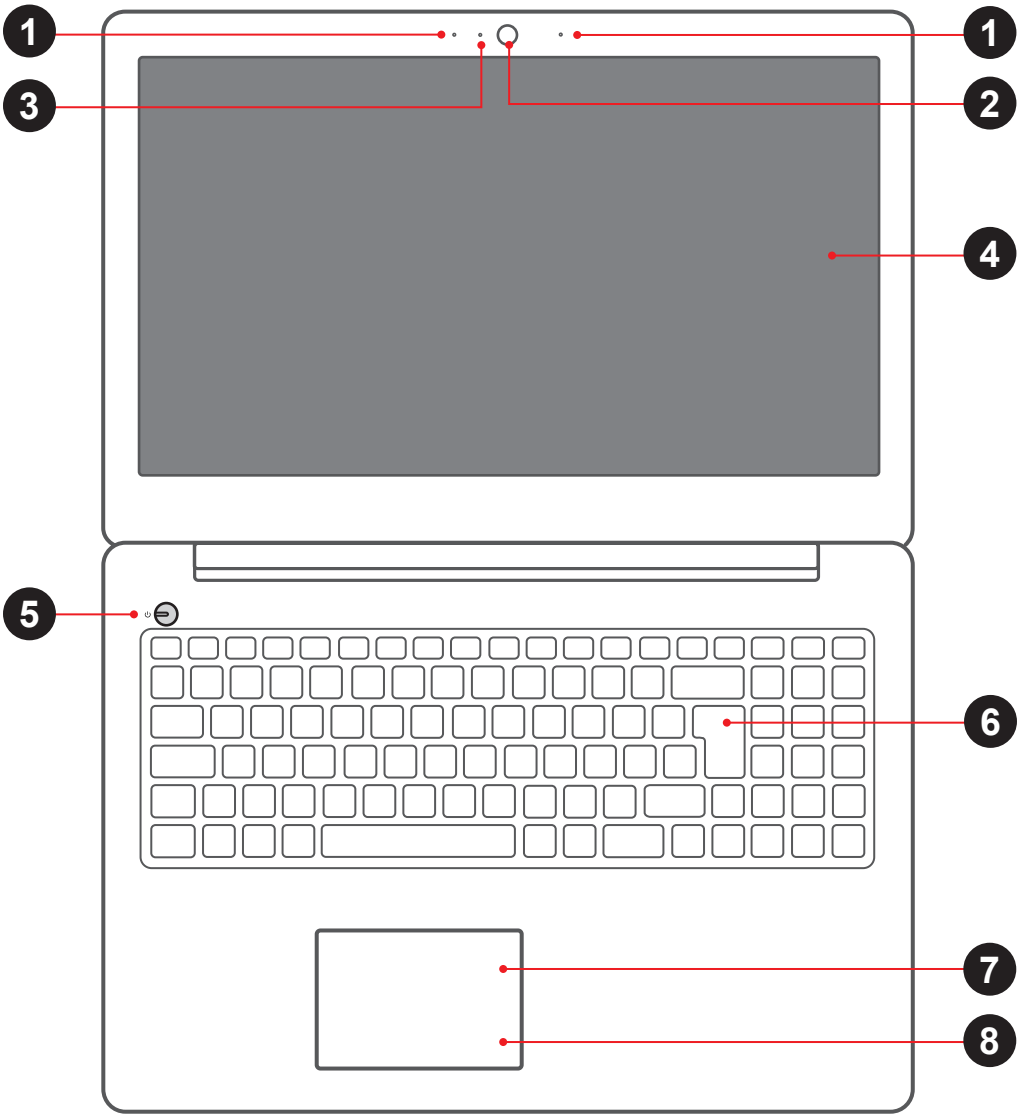
■ 2.3 Product overview

This section provides a description of the basic features of the Notebook PC.

NOTE: The product's colours, port locations, indicators and specifications are subject to change and will depend on the final shipped product.

■ 2.3.1 Top-open view





CAUTION: When you are not using the computer, keep the LCD screen closed to protect it from dust. Do not put the computer on your lap or other parts of the body to avoid injury from the heat.

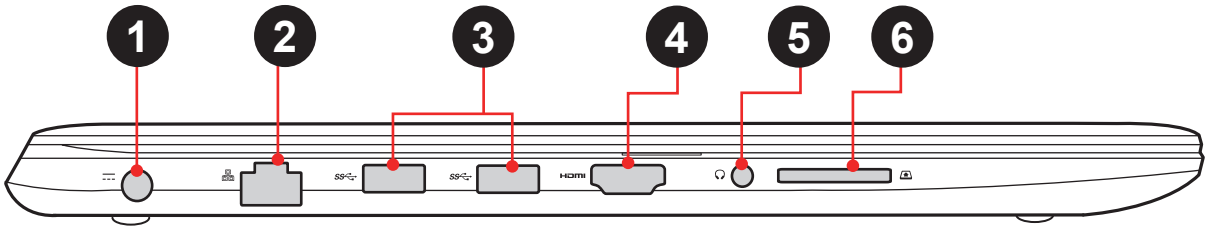
Top side components	Function description
1 Microphone	Built-in microphone.
2 Webcam	The built-in webcam allows picture taking or video recording.
3 Camera status LED	The camera indicator shows the camera status.
4 LCD screen	Displays of your notebook pc.
5 Power button ⏻	Turns on the power of your notebook pc.
Power status LED	The power indicator shows the power status.

Status	Color (on selected models)
Power On	Blue or Green
Suspend	Blinking blue or blinking green
Charging	Power on : Purple or Yellow, Power off : Red or Orange
Battery Low	Interlaced blinking blue & purple or Interlaced blinking green & yellow

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

■ 2.3.2 Left side view

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

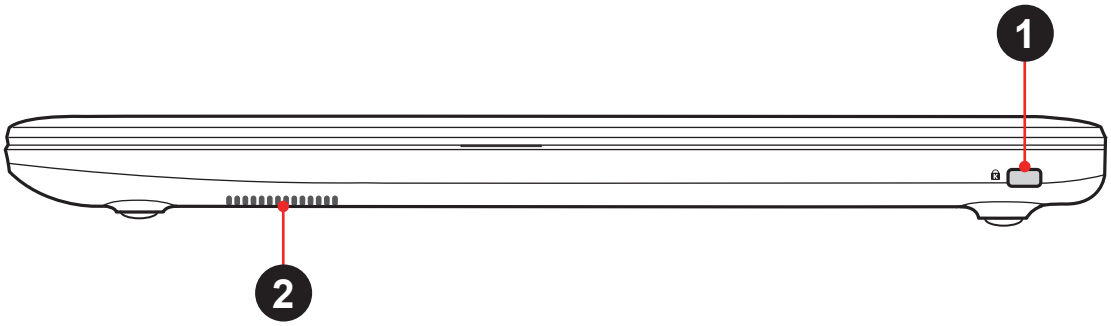


Top side components		Function description
1 Power connector	⎓	Connect the AC adapter into this connector.
2 Network jack		Connect ethernet network.
3 USB 3.0 ports	SS	Connect USB devices. (such as USB drive, mouse or other device) into this jack.
USB Power when system shut down under AC mode: Power Rating is USB 3.0: 1.5A.		
4 HDMI port	HDMI	Connect an external HDMI monitor.
5 Headphone and microphone jack		Connect amplified speaker, headphones or microphone
6 Card reader		SD/SDHC/SDXC 3.0 memory card

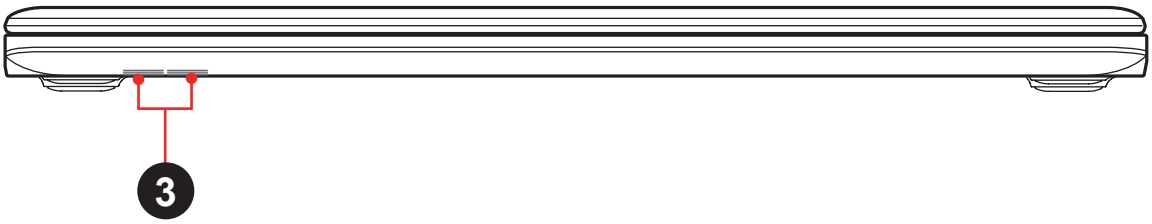
■ 2.3.3 Right/Front side view

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

Right side



Front side

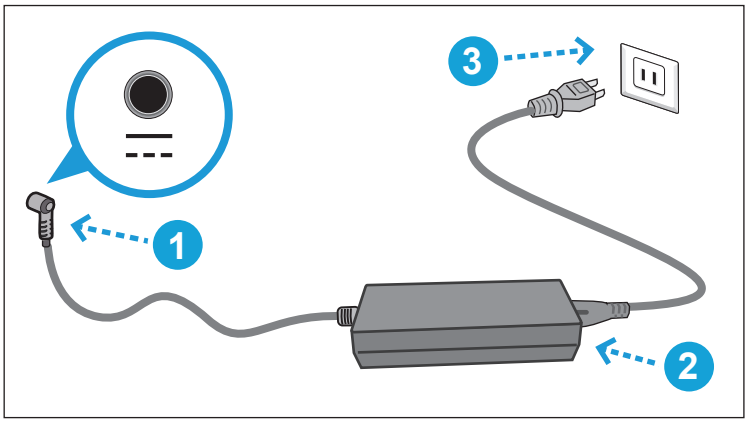


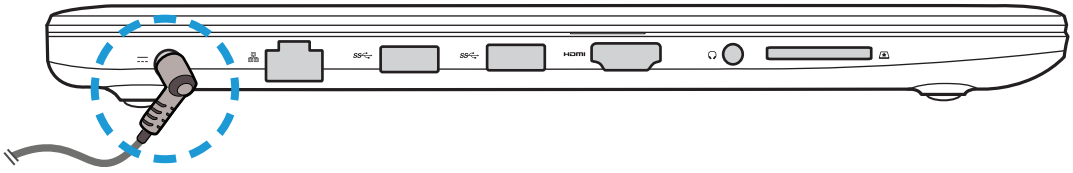
Top side components		Function description
1 Kensington® Lock		To be secured using Kensington® lock hole security products.
2 Vents		Thermal vents
3 Stereo Speakers		For stereo sound

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 pc 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 pc; using other adapter model may damage either the notebook pc or other devices attached to it.





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

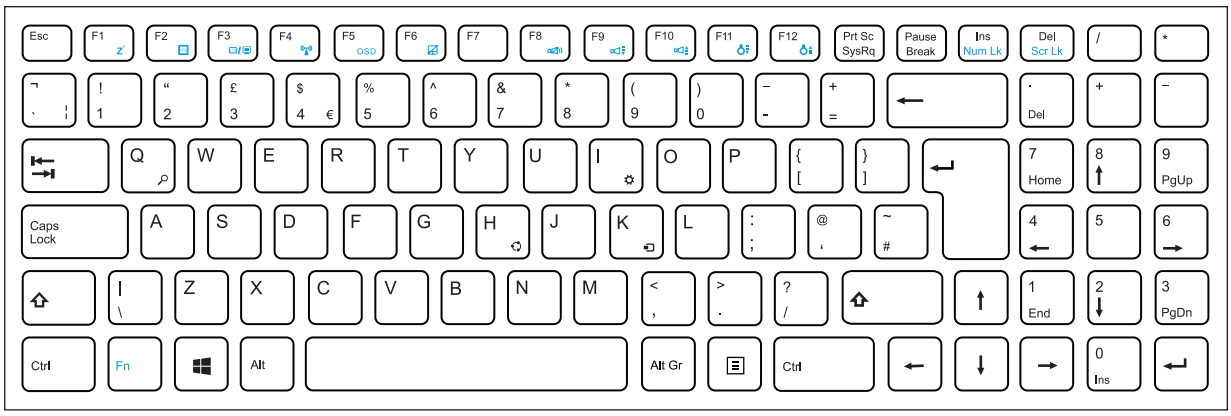
NOTE: The power adapter may become warm to hot when in use. Be sure not to cover the adapter and keep it away from your body.

■ 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 10:



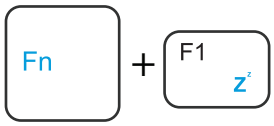
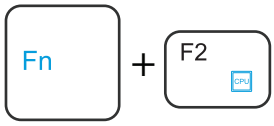
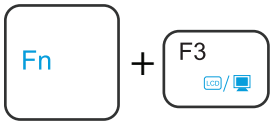
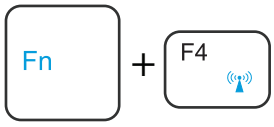
NOTE: The keyboard differs for each territory.

CAUTION: Operation system support based on product specification.

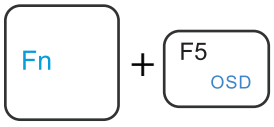
■ 3.2.1 Windows 10 for keyboard users

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

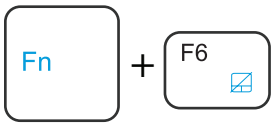
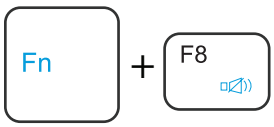
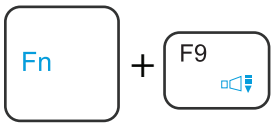
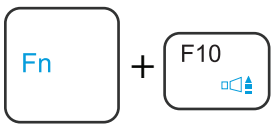
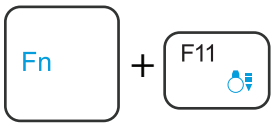
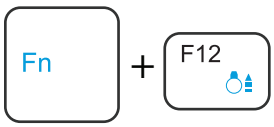
■ Function keys

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 notebook pc 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.

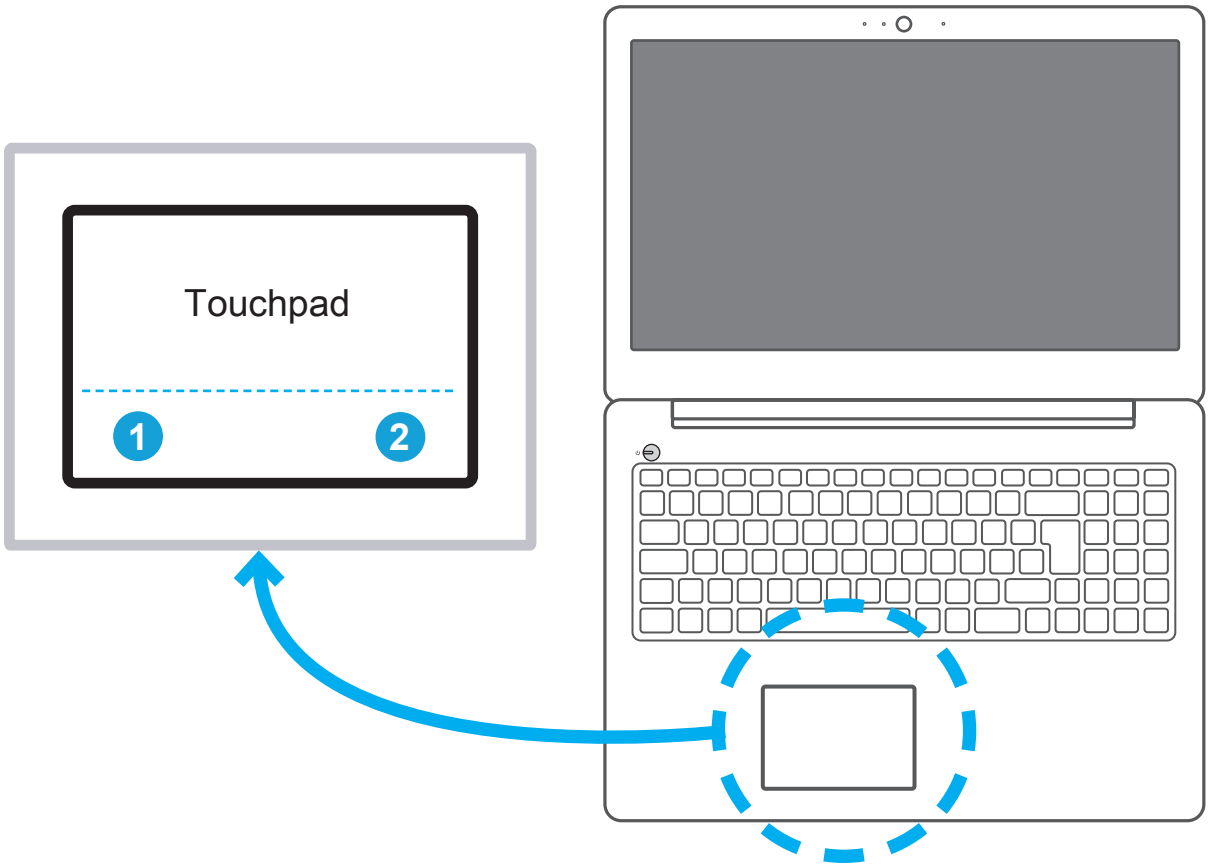
■ Function keys

Keypad		Function description
	Touch pad on/off:	Press this key combination (Fn+F6) to enter Touch pad on/off mode.
	MUTE on/off:	Press this key combination (Fn+F8) to enter MUTE on/off 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 touchpad

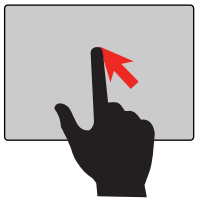
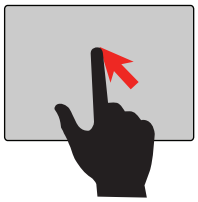
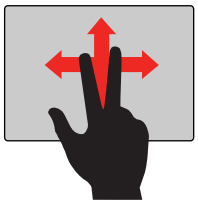
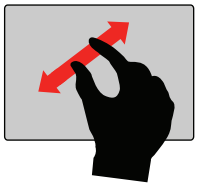
The touchpad is a rectangular electronic panel located just below your keyboard. You can use the static-sensitive panel of the touchpad and slide it to move the cursor. You can use the buttons below the touchpad as left and right mouse buttons.

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



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

■ 3.3.1 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)

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 notebook pc 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 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).