



User Manual

About this manual

- This user manual is specially designed to detail the computer's functions and features.
- The user manual supplied with the computer may vary depending on the model.
- Please read this manual before using the computer to ensure safe and proper use.
- Optional items, some devices and software referred to in the user manual may not be provided or subject to upgrades. Note that the computer environment referred in the user manual may not be the same as your environment.
- Descriptions are based on the computer's default settings and Windows 8.1 operating system. Available features and additional services may vary by computer or operating system.
- This user manual describes procedures for using the touchpad, mouse, and touch screen. Instructions for using the touch screen are for models with the touch screen feature.
- Images and screenshots are those of the representative model of the series and may differ in appearance from the actual product.
- Content may differ from the final product and is subject to change without prior notice. For the latest version of the manual, refer to the Samsung website, www.samsung.com.

Instructional icons and expressions



Warning: situations that could cause injury to yourself or others



Caution: situations that could cause damage to the computer or other equipment



Note: notes, usage tips, or additional information



The order of options or menus you must select to perform a step. For example, select the **Settings** charm → **Power** (represents select the **Settings** charm and then **Power**).

Select Click or touch. For example, when using a mouse or touchpad, select **Settings** means click **Settings**. When using a touch screen, it means touch **Settings**.

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As an ENERGY STAR® Partner, Samsung has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



- The ENERGY STAR Program has reduced greenhouse gas emissions and saved energy through voluntary labeling.
- Power management setting of this product have been enabled by default, and have various timing settings from 1 minute to 5 hours.
- The product can wake with a button press on the chassis from sleep mode.

Caution for the data

Samsung Electronics shall not be liable for any data loss. Please take care to avoid losing any important data and back up your data to prevent any such data loss.

Operating system and software support

If you change the product's factory OS (Operating System) to another OS or if you install software which is not supported by the product's original factory OS, you will not receive any technical support, product exchange or refund, and a fee will be charged when requesting a service.

Please use your computer with the original factory OS. If you install an OS other than the factory OS, data may be deleted or the computer may not start.

Recommended screen resolutions

The recommended screen resolution for Windows is "FHD" (1,920x1,080) and for Windows 8.1 is "QHD+" (3,200x1,800).

If you set the resolution higher than the recommended value, it may result in problems with some applications, due to limitations of the operating system.

Product capacity representation

Storage capacity representation

The capacity of the storage device (HDD, SSD) of the manufacturer is calculated assuming that 1KB=1,000 Bytes.

However, the operating system (Windows) calculates the storage device capacity assuming that 1KB=1,024 Bytes, and therefore the capacity representation of the HDD in Windows is smaller than the actual capacity due to the difference in capacity calculation. For example, for a 80GB HDD, Windows represents the capacity as 74.5GB, $80 \times 1,000 \times 1,000 \times 1,000 \text{ byte} / (1,024 \times 1,024 \times 1,024) \text{ byte} = 74.505\text{GB}$.

In addition, the capacity representation in Windows may be even smaller because some programs such as Recovery may reside in a hidden area of the HDD.

Memory capacity representation

The memory capacity reported in Windows is less than the actual capacity of memory. This is because BIOS or a video adapter uses a portion of memory or claims it for further use. For example, for 1GB(=1,024MB) memory installed, Windows may report the capacity as 1,022MB or less.

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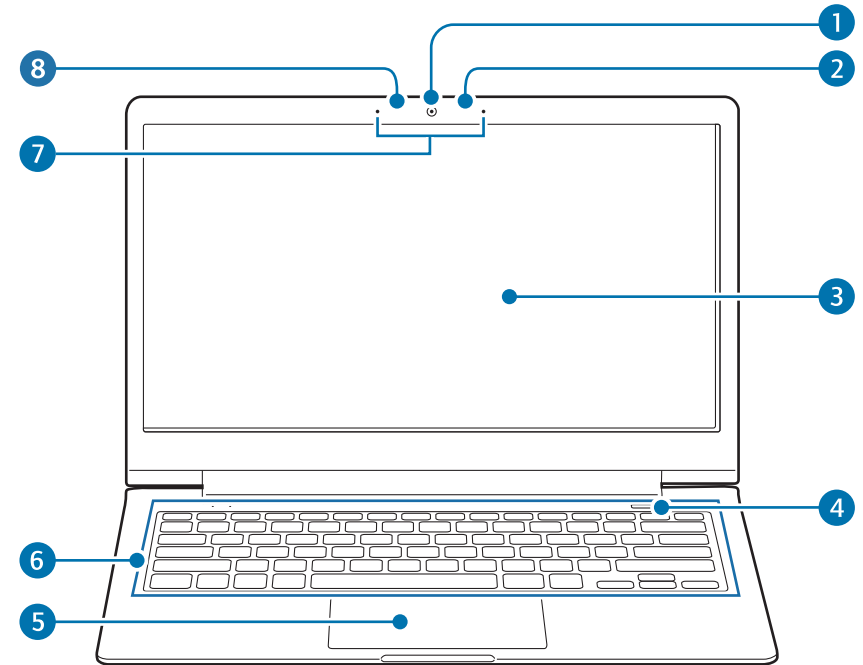
Getting started

Layout



- Features or options may differ depending on the model.
- The items marked as optional may not be provided or may be provided in different locations.
- Since some space on the SSD is reserved for system recovery and operations, the displayed capacity of the SSD may be less than the actual capacity.

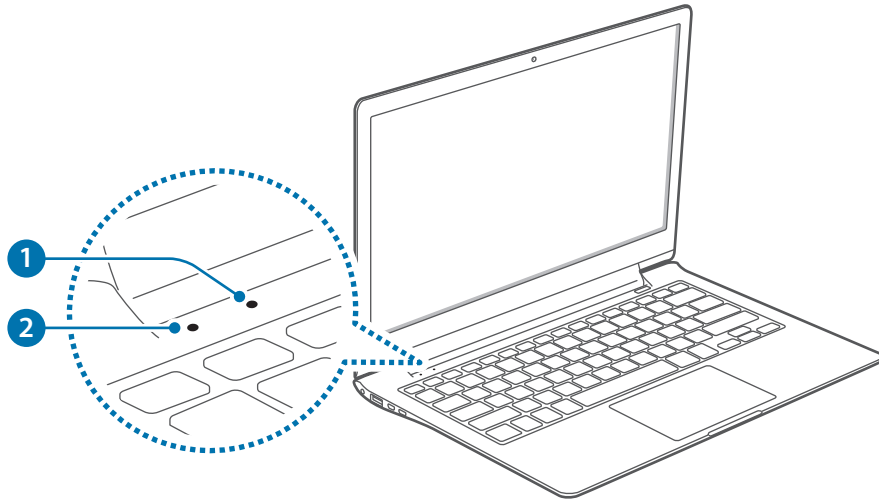
Front view





Number/Name	Description
1 Camera	<ul style="list-style-type: none"> • Takes photos or videos. • Use the camera application on the Start screen to take photos or videos.
2 Light sensor	<ul style="list-style-type: none"> • This sensor detects the ambient illumination of the computer. If the ambient illumination becomes dark, the LCD becomes dimmer and the keyboard backlight is lit. On the contrary, if the ambient illumination becomes brighter, the LCD becomes brighter and the keyboard backlight is turned off. • Do not cover the sensor.

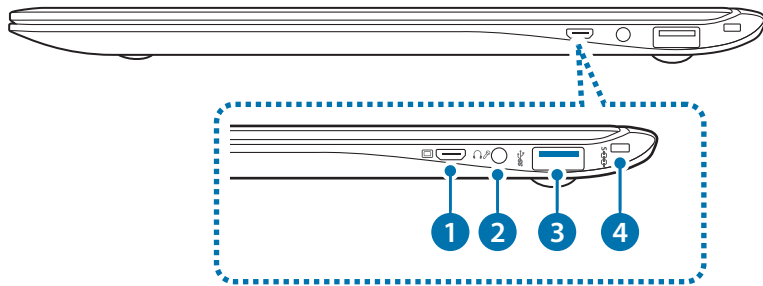
Number/Name	Description
3 LCD/Touch screen (optional)	<ul style="list-style-type: none"> • Displays the user interface. • Recognizes touches on the screen. (Only for models with the touch screen.)
4 Power button	<ul style="list-style-type: none"> • Press to turn the computer on.
5 Touchpad	<ul style="list-style-type: none"> • Move the cursor and click options. • Works actions as those of a mouse.
6 Keyboard	<ul style="list-style-type: none"> • Press keys to enter data.
7 Microphone	<ul style="list-style-type: none"> • Use the built-in microphone.
8 Camera indicator light	<ul style="list-style-type: none"> • Indicates the camera status.





Operating indicator light



Number/Name	Description
1 Power LED 	<ul style="list-style-type: none">• Turns on when the computer is turned on.
2 Charge LED 	<ul style="list-style-type: none">• Shows the battery's charging status.<ul style="list-style-type: none">– Red or Orange: While charging is in progress– Green: When charging is complete or the battery is not installed– Off: When the AC adapter is disconnected and the computer is running on the battery

Right view



Number/Name	Description
1 Monitor port 	<ul style="list-style-type: none">Connect external display devices that support a 15-pin analog connector.You can connect a VGA adapter (optional).
2 Ear-set/Headset jack 	<ul style="list-style-type: none">Connect a headset or ear-set.
3 USB 3.0 port 	<ul style="list-style-type: none">Connect a USB device.
4 Slim security slot 	<ul style="list-style-type: none">Secure the computer by connecting an optional lock and cable to it.