

EP20AN2

User Guide

Regulatory Compliance

Information

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For questions related to the EMC performance of this product, contact:

Elitegroup Computer Systems Co., Ltd
9F., No. 22-1, Sec. 3, Zhongshan N. Rd.,
Zhongshan Dist, Taipei City 104, Taiwan
886-2162-1177

Canadian Department of Communications Compliance Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil numérique n'émet pas de bruits radio électriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



CE mark. Declaring compliance to all the applicable European Union (EU) directives. For CE mark related questions:

Elitegroup Computer Systems Co., Ltd
9F., No. 22-1, Sec. 3, Zhongshan N. Rd.,
Zhongshan Dist, Taipei City 104, Taiwan
886-2162-1177

French SAR/DAS

Votre ordinateur a un DAS. Pour plus d'informations, voir le portail radiofréquences-sante-environnement:
www.radiofrequences.gouv.fr



In the European Union, this symbol indicates that this product including battery must not be disposed of with household waste. It is your responsibility to hand it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information, please contact your local waste collection center or the point of purchase of this product.

Japan VCCI Statement

この装置は、情報処理装置等電波障害自主規制協議会 (VCCI) の基準に基づくクラス B 情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

Taiwan battery recycling:

Translation – please recycle batteries



廢電池請回收

RF Exposure warning

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the EUT transmitting at the specified power level in different channels.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> after searching on FCC ID: **TX2-RTL8852BE**

To ensure that RF exposure levels remain at or below the tested levels, use a belt-clip, holster, or similar accessory that maintains a minimum separation distance of 0 mm between your body and the device.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Innovation, Science and Economic Development Canada (ISED) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the ISED Specific Absorption Rate ("SAR") limits when operated in portable exposure conditions. (Antennas are greater than 0 mm from a person's body).

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie rayonnée de l'appareil sans fil est inférieure aux limites d'exposition aux radiofréquences d'Innovation, Sciences et Développement économique Canada (ISDE). L'Appareil sans fil doit être utilisé de telle manière que le potentiel de contact humain pendant le fonctionnement normal soit minimisé.

Cet appareil a été évalué et démontré conforme aux limites de débit d'absorption spécifique ("SAR") ISDE lorsqu'il est utilisé dans des conditions d'exposition portables. (Les antennes sont à plus de 0 mm du corps d'une personne).

CAUTION

User should also be advised that:

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and

(iii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate. High-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Les utilisateurs devraient aussi être avisés que

(i) les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;

(iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e.

spécifiée pour l'exploitation point à point et non point à point, selon le cas.

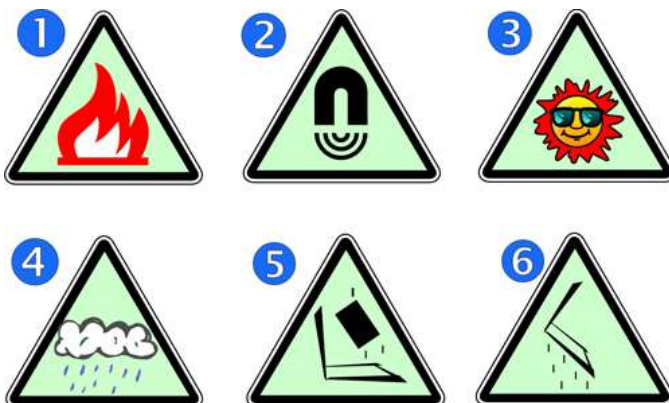
De plus, les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

CAUTION

ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE GRANTEE OF THIS DEVICE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Safety Precautions

The following are lists of precautionary measures that users must understand before using this computer:



1. Do not place near the fire or other sources of heat.
2. Do not expose to magnetic fields.
3. Do not expose to direct sunlight.
4. Do not expose to rain or moisture.
5. Do not place heavy objects to add heavy pressure on the computer.
6. Do not drop the computer.

CAUTION

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

ATTENTION

RISQUE D'EXPLOSION SI LA BATTERIE EST REMPLACÉE PAR UN TYPE INCORRECT. RECYCLEZ LES BATTERIES USAGÉES SELON LES INSTRUCTIONS.

IT IS RECOMMENDED TO USE THIS COMPUTER IN AN ENVIRONMENT WHERE THE AMBIENT TEMPERATURE IS NO MORE THAN 35°C.

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1. Getting to know your computer

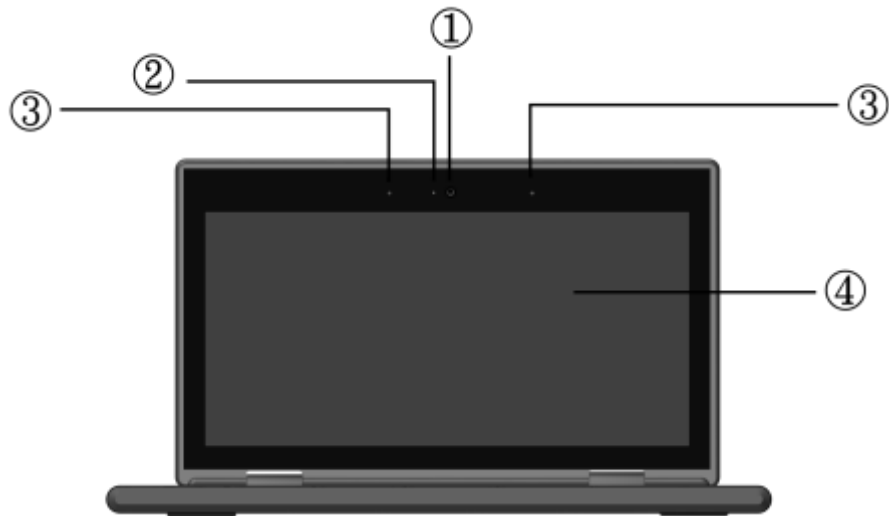
Package contents

Carefully unpack your box and take out the items listed as below. If any of the items is missing or damaged, contact your dealer immediately:

One laptop	One DC adapter (24W)
	
Stylus & Dock (optional)	One PD Adapter (optional)
	
This manual	
	

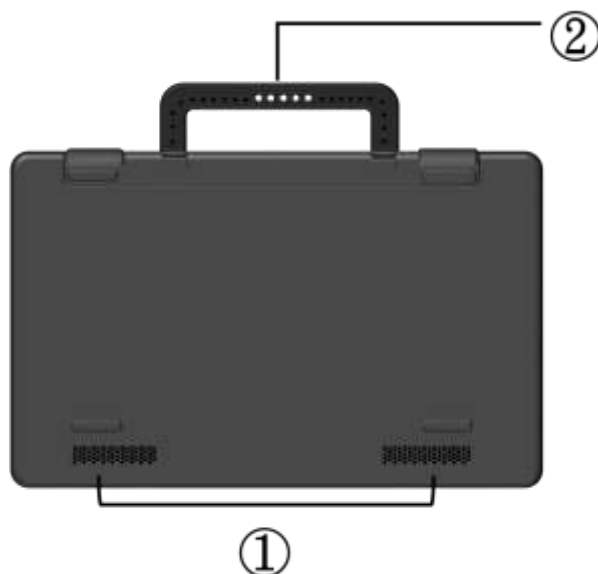
Layout

Front



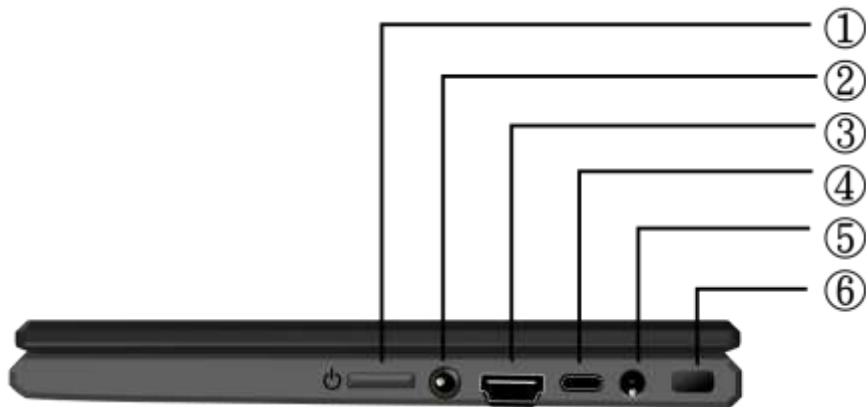
No.	Name	Function
1	Front Camera	Take self-portraits as well as for video conferencing.
2	LED indicator	Indicate camera on or off status.
3	Microphone	Mainly for sound and speech recording.
4	Touchscreen	The main display of your laptop and a see-touch device. You can look at it and also touch it with your fingers to control it.
5	2 nd Camera (optional)	Use as a rear camera when fold the device to use as a tablet.
6	Touchpad	Control the system using figure gestures

Bottom



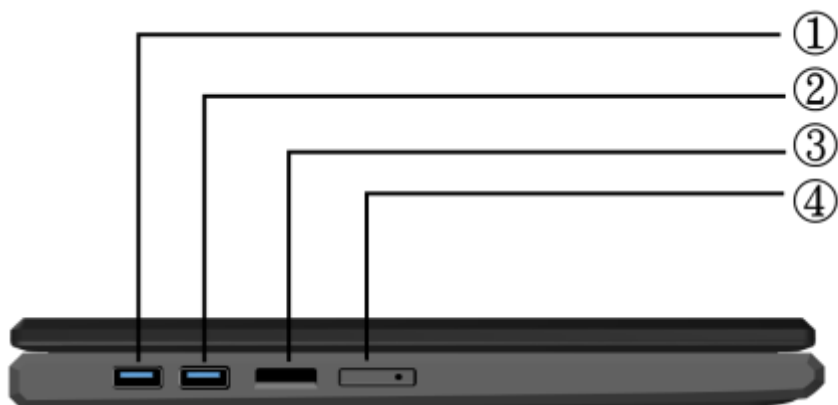
No.	Name	Function
1	Speaker	The sound system has two speakers for playing music, notification sounds, and other audio data.
2	Handle (optional)	This integrated rubber handle allowing you to carry your notebook easily and handily.

Right



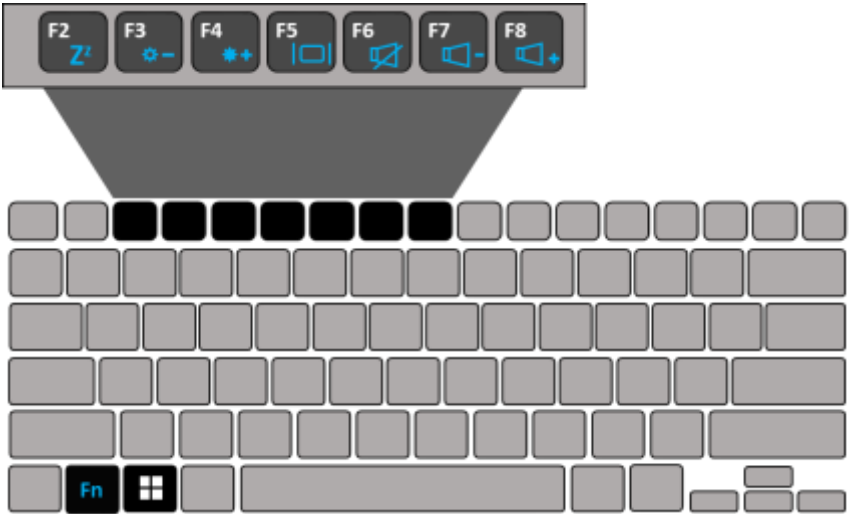
No.	Name	Function
1	Power button	Press it to power on/off your laptop
2	Combo Audio jack for microphone/headphone	Plug your 3.5mm headphone here
3	HDMI port	Plug your HDMI-cable here
4	Type-C USB port (USB 3.2 Gen1)	Plug your USB Type-C supported devices here. It is used for transferring video, and audio at high speed and power as well.
5	DC power port	Plug the provided adapter here to charge the battery.
6	Kensington lock	Allows you to secure the notebook with a Kensington lock.

Left

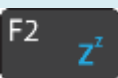



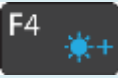




No.	Name	Function
1	Type-A USB port (USB 3.2 Gen1)	Plug your USB Type-A devices here.
2.	Type-A USB port (USB 3.2 Gen1)	Plug your USB Type-A devices here.
3	Micro SD card slot	Plug your micro SD card here.
4	SIM card slot (nano type) (optional)	Plug your SIM card here.

Function keys



+

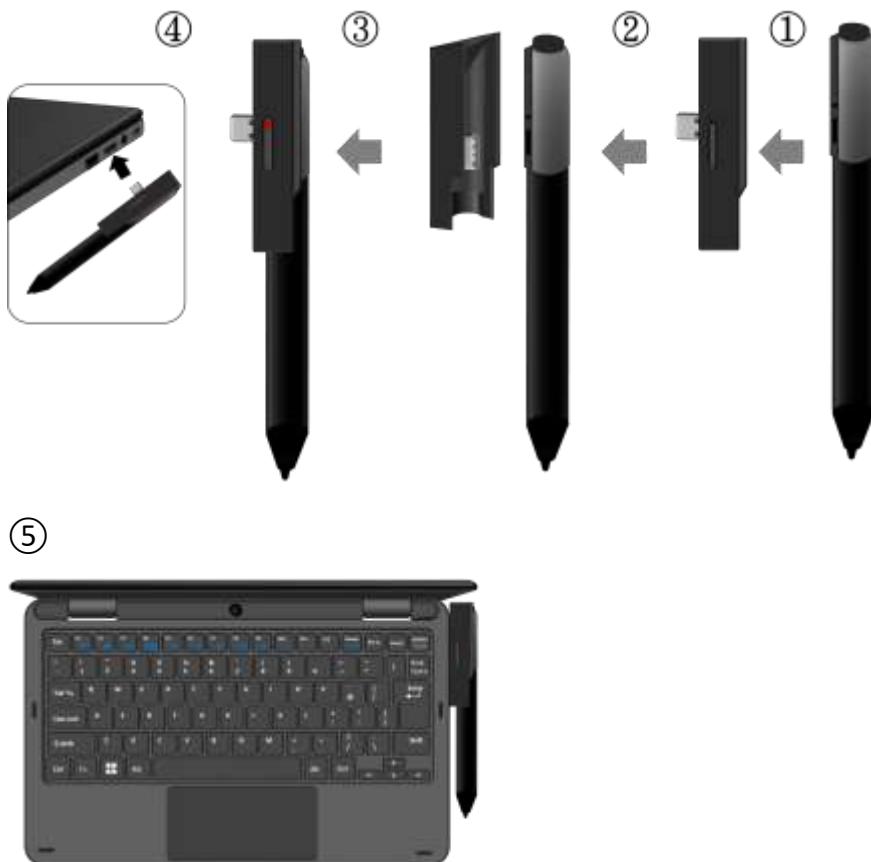
	Puts your computer into sleep mode.		Mutes/unmutes the audio output.
	Decreases the display brightness.		Decreases the volume level.
	Increases the display brightness.		Increases the volume level
	Switches display output between your display, external monitor (if connected) and both.		

Charge and Activate your stylus pen (optional)

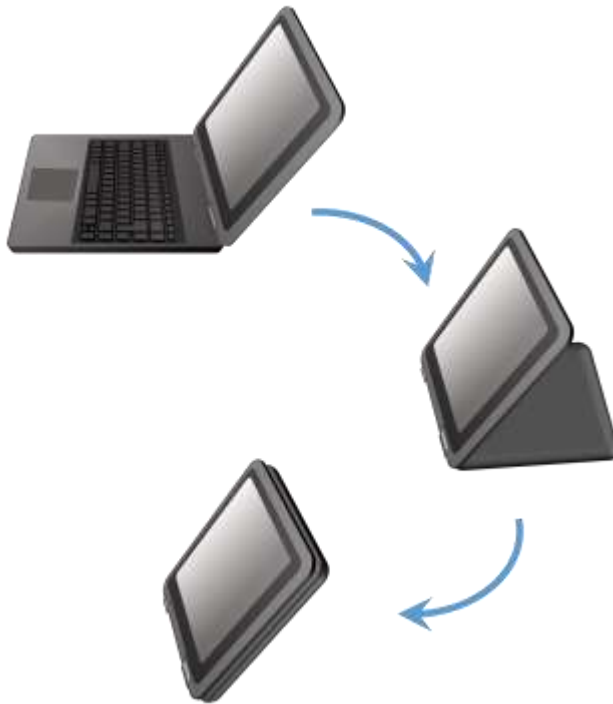
While connecting your stylus for the first time, the shipping mode is still enabled. To use the stylus for first time, connect the stylus pen to the charging area of your computer to disable shipping mode.

To charge the stylus pen, connect the stylus pen to the charging dock and plug it into a USB-C port on the right side of the computer.

When the stylus is charging, the power indicator light on the charging dock will turn red. Once the pen is fully charged, the LED will turn off.



Folding the keyboard



This laptop supports a swiveling 11.6-inch touchscreen that can be used in several different ways. Opening the device as a standard laptop gives you access to the keyboard and touchpad, while folding the keyboard behind the screen turns it into tent mode or stand mode, which is ideal for viewing videos and presentations.

2. Using your computer

Powering ON/OFF

Powering on your computer



If this is the first time you turn this computer on, connect the AC adapter and fully charge the battery. Press the power button (normally 1 to 2 seconds) until you see the power indicator lights up in blue.



Powering on for the first time

The laptop will require you to do the initial setup, which including:

1. Activate your Windows 11
2. Sign in to or create your Microsoft account
3. Setup a wireless connection and more

Please follow the instruction to complete the initial setup.

Powering off your computer

Save all your data before powering your computer off.

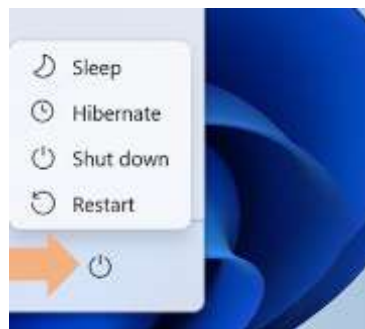
To power off your system, following the steps below:

A. By Start menu

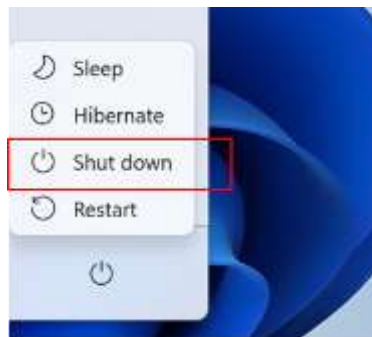
1. Click the <Windows> icon in the low-left corner of the Desktop. Or, press on the Windows key in the keyboard.



2. In the <Start> menu, click <Power> option, as shown on the right



3. Select <Shut down> from the power option menu, as shown on the right.



B. Using the power button

For some reasons if your laptop cannot be powered off by the previous way, you can try to press and hold the power button for at least four seconds. This shall force the laptop to power off itself directly.

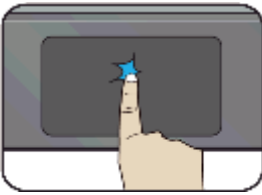
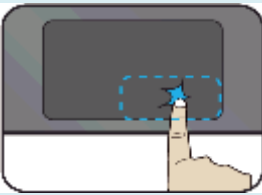
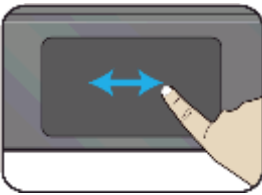
Waking up your computer

To wake up your computer, just press the power button briefly one time.

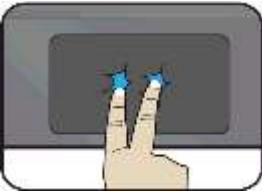

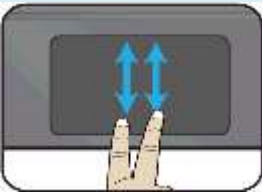
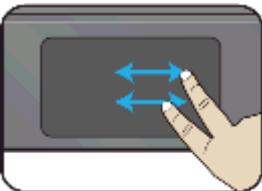
Basic Touchpad Operations

The touchpad works like a traditional mouse. With it, you can move the cursor and perform left-click, right-click, double-click actions. However, the actual available actions are application dependent.


One finger

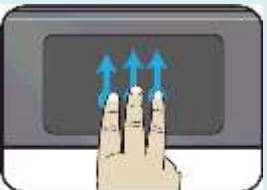
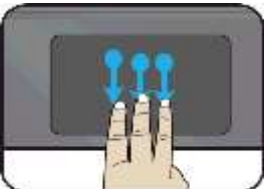
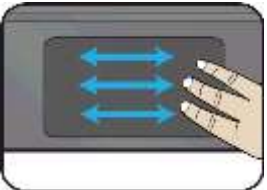
Action	Explanation
	Tap once on the touchpad surface or press once on the low-left corner of the touchpad to get the effect just like left clicking a mouse.
	Press once on the low-right corner of the touchpad to get the effect just like right clicking a mouse.
	Press and continue to hold down the left corner and then move (drag) your finger across the touchpad surface to drag an item on the desktop.

Two fingers


Action	Explanation
	Tap once on the touchpad surface to get the effect just like right clicking a mouse
	Move two fingers together or apart while touching the touchpad. This is to zoom in and out on visual apps, such as pictures and maps.
	Drag two fingers vertically the touchpad to scroll vertically.
	Drag two fingers horizontally on the touchpad to scroll horizontally.

Three fingers

Action	Explanation
	Clicking with three fingers can open the Search bar.

	<p>Press and drag upward with three fingers to bring existing active windows out on the desktop.</p>
	<p>Press and drag downward with three fingers to hide all existing active windows and bring out the desktop.</p>
	<p>Press and drag to left or right with three fingers to switch between existing active windows.</p>

Four fingers

Action	Explanation
	<p>Clicking with four fingers can open the Notification Center.</p>

3.Windows 11 Interface

Desktop and Virtual Desktop Experience

The Desktop screen is as shown below and natively provides virtual desktop feature.



To launch the feature you can click the virtual desktops button on your taskbar or just press Window key and TAB key of your keyboard in the same time.



Taskbar

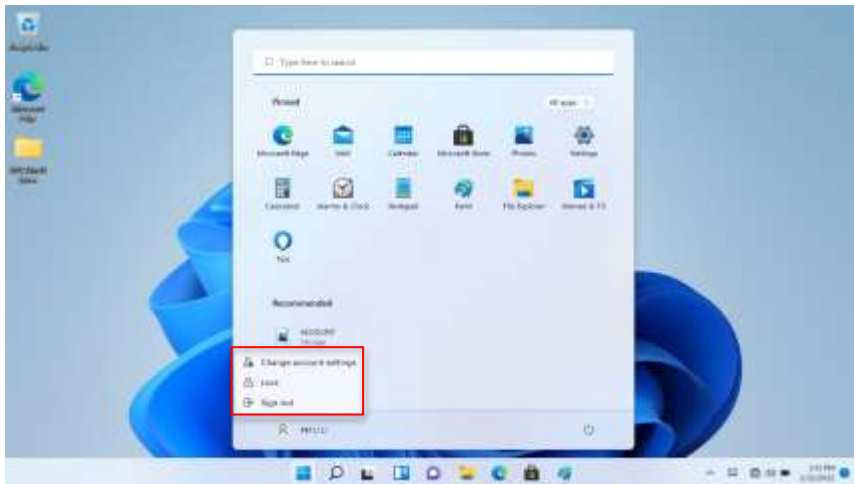
The light blue bar on the bottom of the desktop is called Taskbar. It provides several key features and they are:

- Start menu
- Search box
- App shortcuts area
- Notification area

Start menu



To open the Start menu, you can either click on the windows icon (which is also known as Start button) located at the central end of the taskbar or press once on the windows key of the keyboard. And the Start menu will appear, as shown below



For how to setup this menu, please refer to page 15.

App shortcuts area







In the taskbar area, you can put the shortcuts of your frequently used apps. For how to arrange this area, please refer to page 16

Notification area

The right part of the taskbar holds several icons that show you the status of your system, as shown below.



This is an area called Notification Area, where

	Click here to show more hidden status icons.
	Shows you the current battery status.(For detail, please refer to page 25)
	Shows you the status of your wireless network connection.
	Click here to show the system notifications and several shortcuts.

4. Setup and Connection

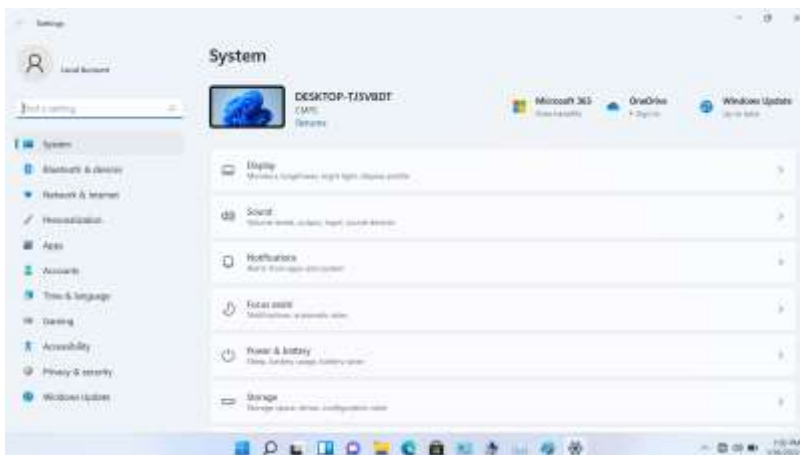
Settings Screen

To access to the Settings screen:

1. Click the <Windows> icon at the bottom of the Desktop screen. Or, press on the Windows key in the keyboard.
2. Click the <Settings> icon.

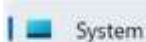


This will open the <Settings> screen, as shown below



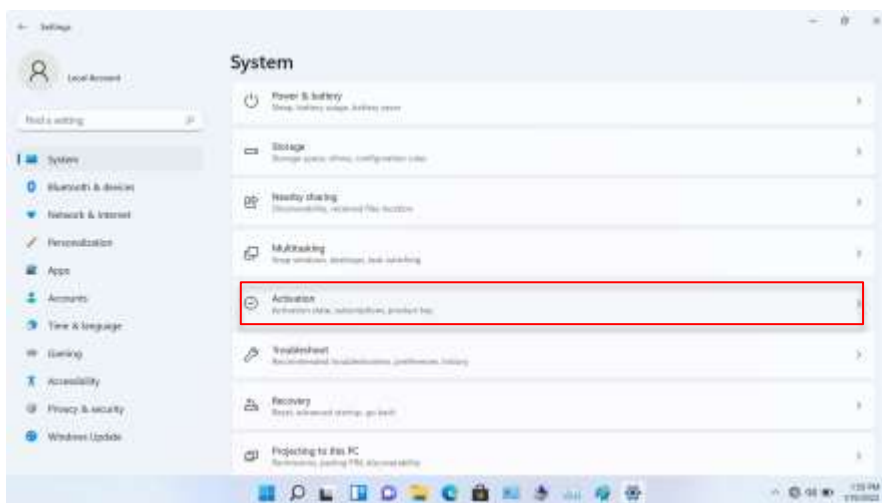
Next, the following sections will guide you through the basic setup of your Windows system.

Windows Activation



To use all features of your Windows pc, you may need to activate your Windows system. Follow the following steps to register and activate your Windows.

1. Open the Start menu and click <Settings>.
2. Click <System>
3. Select <Activation>.
4. Follow the instructions to activate your windows.



Setup Your Microsoft Account

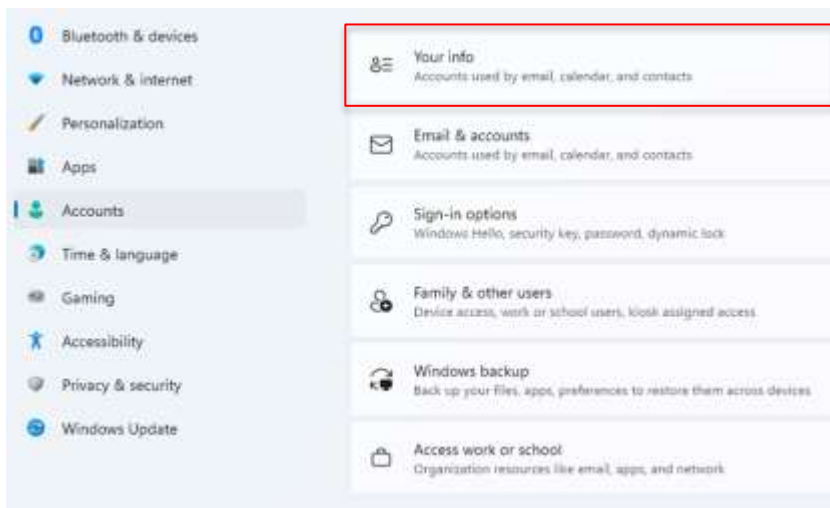
Accounts

To share files or settings with other devices running Windows 11, you need to setup a Microsoft Account.

Furthermore, if you want to download or purchase apps from the Microsoft Store, such Microsoft Account is required.

To setup your Microsoft account

1. Open the <Settings> screen and select <Accounts>.
2. Select <Your info >
3. Select <Sign in with a Microsoft account instead>.
4. Follow the instruction to register your account information.

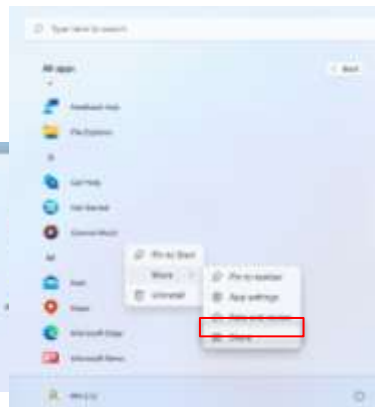


Pin and Unpin Your App

Pinning an App to Start menu or Taskbar

To add an app:

1. Open the Start menu and select <All Apps>.

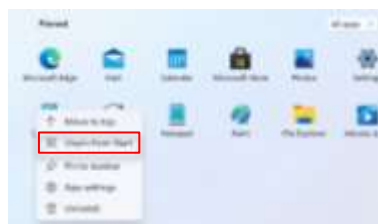


2. Right-click on the app that you want to appear on your Start menu or taskbar, and an option menu appears.
3. Click <Pin to taskbar> or <Pin to Start> to add the app to your Start menu or taskbar.

Removing an App

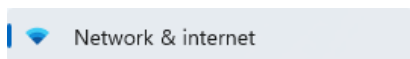
To remove an app:

1. Right click the app that you want to remove from your Start menu or taskbar.
2. Click <Unpin from Start> or <Unpin from taskbar> to remove it from your Start menu or taskbar.

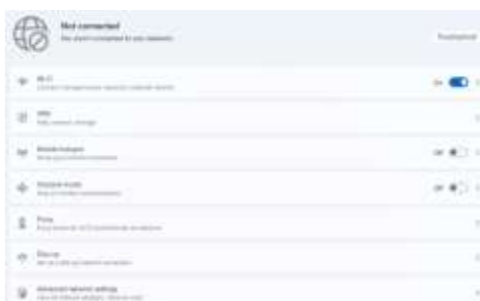


Wireless LAN

Enabling wireless connection



1. Open Settings menu and select <Network & Internet>.



2. Select <Wi-Fi> and set the function to ON, as shown left.

3. Make sure you have switched the Airplane mode off. To confirm that Airplane mode is disabled, go to the desktop and check the notification area. If you see an airplane icon displayed on the lower right, please disable the Airplane mode first.

Connecting to a wireless LAN

Once the wireless has been enabled, the computer automatically scans for available wireless networks and displays them in the wireless LAN network list. To connect to your desired wireless network, click the network's name in the list, and then click Connect.

Note: Some networks require a network security key or password for connection. If necessary, ask the network administrator or the Internet service provider (ISP) for the required information.

Micro SD Card Slot

You can utilize your micro SD cards as removable disks and conveniently exchange data with digital devices such as a digital camera, digital camcorder, MP3, etc.

To insert your micro SD card

1. Insert the micro SD card into the card slot as shown below.



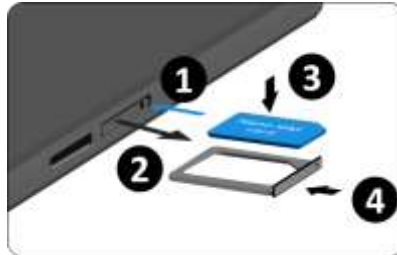
2. Follow the message on the screen, and choose to open and view files.
3. A Windows Explorer runs and shows all the folders and files in the micro SD cards, and you can save, move and delete data as you are handling a storage device.

To remove your memory card

1. Press the card and release. The card will pop up.
2. Pull the card out by holding the end of the card.

Inserting a NanoSIM Card (Optional)

1. Use an eject pin to open the SIM card tray
2. Remove the SIM card tray from the slot. When you remove it, keep it face up.
3. Place the SIM card in the SIM card tray. The words or logo on the SIM card should be facing up.
4. Slide the SIM card tray back into the SIM card slot until it clicks. Don't force it in – the SIM card tray should slide in smoothly



Connecting an External Device

Connecting to the USB port

Your computer comes with three USB ports. Once you plug a USB device into any of them, Windows automatically loads a driver for that device. After the driver has been loaded one time, you can disconnect and reconnect the same device without performing any additional steps.

Note: If Windows requires you to install the driver before connecting, check the documentation provided by the device's manufacturer before connecting the device.



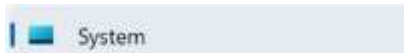
To disconnect a USB storage device, make sure you click the



Safely Remove Hardware icon (as shown on the right) in the notification area of the taskbar to remove the device before disconnecting.

Note: If your USB device uses a power cord, connect the device to a power source before connecting it.

Connecting to the Display Port or HDMI port



You can connect your external display device such as a monitor, TV, or projector to your laptop, if such device has a HDMI port. By doing so, you have a wider view when you give a presentation or watch a video or movie.

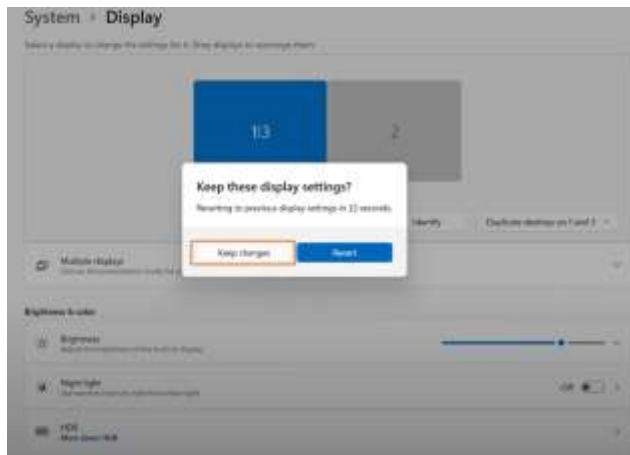
1. Power off the external device.
2. Locate the HDMI port on your laptop.
3. Connect one end of your cable to the port, and the other end to the port on the external device.
4. Power on the external device.

When connecting a TV, you may need to configure your TV to external device mode.

5. Open the <Settings> screen, select <System>and then <Display>.
6. Click <Multiple displays>, select <Identify>to check which screen is associated with each number.
7. The computer desktop is automatically selected as the main display.
8. To duplicate the computer desktop image on a monitor, click the drop-down arrow, and select which monitor you want to mirror the compute desktop.



9. Click < Keep changes> to enable the new display settings.



5. Battery

Charging Your Battery

To charge your laptop via DC charger

1. Plug the adapter into the DC-in port, which you can find on the left side of your laptop.
2. Plug the adapter into a wall-socket.



You shall see the battery indicator light is solid red during charging.

When the battery is fully charged, the battery indicator will turn solid blue.

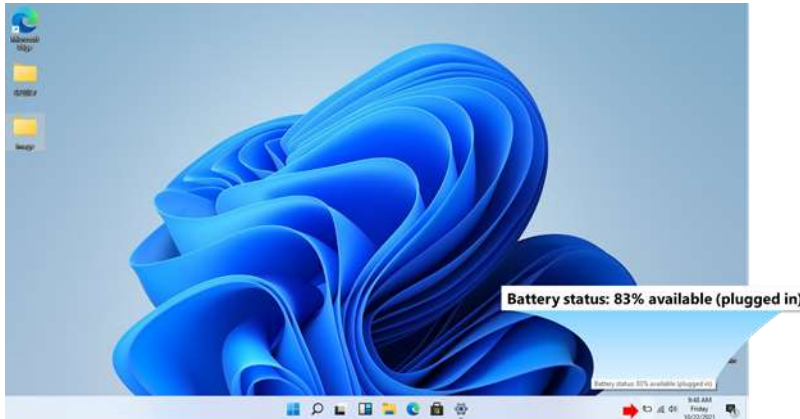
While system is off, it takes around 3.5 hours to fully charge the battery.

After fully charged, the battery Life reaches around 8 hours, but actual battery life may vary depending on your actual usage.


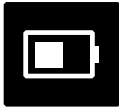


Your Battery Status

By inspecting the taskbar

In Desktop, move the cursor to the battery icon in the taskbar. A pop-up dialog box appears and shows you the remaining battery percentage, as shown below.



The battery icon reveals the status of your battery, which described as below.

	Battery is fully charged
	Battery is starting to drain
	Battery is about to completely drain, and you should stop using your computer and charge it at once.
	Battery is being charged.

By inspecting the battery indicator

When your laptop is not powered by the adapter, the color of the battery

indicator shows you the approximate status of your battery.

- Battery full: Light in blue
- Battery in charging: Light in red
- Battery low: Blinking in red

The battery is an expendable supply, so when using it over a long time, the capacity/battery life is shortened. If the battery life is reduced to under half of its initial time, we recommend purchasing a new battery.

When not using the battery for a long time, store the battery after charging it to 30-40% of its capacity. This extends the battery life time.

6. Windows Help and Troubleshooting

Troubleshooting

This section describes some common problems and suggested solutions, and ways to recover your computer from a crash.

Be aware that the problems and solutions described here are meant only as a guide. They are not definitive problem solving techniques. For certain problems, you might need help from your reseller or your service provider.

When you observe a problem, stop operation immediately, because taking further action might result in data loss or damage. Take a note of what the system is doing and what actions you performed before the problem occurred. Provide detailed information to your service provider for quicker problem resolution.

For about any problem, follow these steps:

1. Restart your laptop.
2. Check your Wi-Fi connection.
3. Reset your Wi-Fi connection.
4. Plug your laptop to a wall socket to charge it for at least one hour.

Screen problems	
When I turn on the computer, nothing appears on the screen.	<ul style="list-style-type: none"> • If the screen is blank, make sure that: <ul style="list-style-type: none"> - The AC adapter is connected to the computer and the power cord is plugged into a working electrical outlet. - The computer power is on. (Press and hold down the power button for at least 4 seconds to force the power off, and power it on again.) • If these items are properly set, and the screen remains blank, have the computer serviced.
My screen goes blank while the computer is on.	<ul style="list-style-type: none"> • Your laptop is in its sleep mode. Do one of the following to resume from sleep mode: <ul style="list-style-type: none"> - Press the power button. - Press the windows key button.
Sleep problems	
The critical low-battery error message appears, and the computer turns off	<ul style="list-style-type: none"> • The battery power is getting low. Connect the AC adapter to the computer.
The computer enters sleep mode immediately after Power-on.	<ul style="list-style-type: none"> • Make sure that the battery is charged. - The operating temperature may be too hot. Move to a cooler environment and try to wake the computer.
The computer does not	<ul style="list-style-type: none"> • If your computer is in sleep mode,

return from sleep mode and the computer does not work.	<p>connect the AC adapter to the computer, then press the key button or the power button.</p> <ul style="list-style-type: none"> • If your computer is powered-off, connect the AC adapter to the computer, then press the power button to resume operation.
Display problem	
The screen is blank.	<ul style="list-style-type: none"> • Do the following: <ul style="list-style-type: none"> - If you are using the AC adapter, or using the battery, and the battery status indicator is on, press Fn+F4 to make the screen brighter. - Press the power button to resume from sleep mode. - If the problem persists, follow the solution in the next problem "The screen is unreadable or distorted."
The screen is unreadable or distorted.	<ul style="list-style-type: none"> • Make sure that: <ul style="list-style-type: none"> - The screen resolution and color quality are correctly set. - The monitor type is correct.
Incorrect characters appear on the screen.	<ul style="list-style-type: none"> • Are the operating system or programs installed correctly? If they are installed and configured correctly, have the computer serviced.
Sound problems	
No sound can be heard from the speaker even	<ul style="list-style-type: none"> • Make sure that: <ul style="list-style-type: none"> - The Mute function is off.

when the volume is turned up.	<ul style="list-style-type: none"> - The combo audio jack is not being used. - Speakers are selected as the playback device.
Other problems	
Your computer does not respond.	<ul style="list-style-type: none"> • To turn off your computer, press and hold the power button for 4 seconds or more. If the computer still does not respond, remove the AC adapter. • Your computer might lock when it enters sleep mode during a communication operation. Disable the sleep timer when you are working on the network.
The connected external device does not work.	<ul style="list-style-type: none"> • Do not connect or disconnect any external device cables other than USB while the computer power is on. Otherwise, you might damage your computer. • When using a high power consumption external device such as an external USB optical disk drive, use an external device power adapter. Otherwise, the device may not be recognized.

7. Specification

Processor	<ul style="list-style-type: none"> ■ Intel® Processor N100, 4C/6W, 0.8GHz~3.4GHz Intel® UHD Graphics, 200/750MHz ■ Intel® Processor N200, 4C/6W, 1.0GHz~3.7GHz Intel® UHD Graphics, 200/750MHz ■ Intel® Core I3-N300, 8C/7W, 0.8GHz~3.8GHz ■ Intel® UHD Graphics, 200/1250MHz
Memory	<ul style="list-style-type: none"> ■ DDR4 SDRAM, speed up to 3200 MT/s ■ RAM socket*1 ■ Support up to 16GB
Storage	<ul style="list-style-type: none"> ■ Support 128GB/256GB ■ M.2 2280 Key M Type SSD (SATA/PCIE auto selection)
Dimension	<ul style="list-style-type: none"> ■ 287mm*199mm*19.9mm (w/o rubber foot)
Weight	<ul style="list-style-type: none"> ■ 1.3 kg
Wireless	<ul style="list-style-type: none"> ■ 802.11 2x2(RTL8852BE), M.2 2230 supported PCIE interface
LCD	<ul style="list-style-type: none"> ■ 11.6" TN,1366 x 768 (Anti-Glare) ■ 11.6" IPS,1366 x768 (Anti-Glare) (Optional)
Camera	<ul style="list-style-type: none"> ■ USB 2.0 interface, w/white LED indicator ■ 2M w/ 2 D-MICs, MIC-array support (for fix camera)
2nd Camera	<ul style="list-style-type: none"> ■ 5M AF w/LED ■ USB interface
Battery	<ul style="list-style-type: none"> ■ Li-Polymer Smart-Battery, soft pack, non-removable ■ 2S1P /7.7V/5900mAh/ 45Wh

Input/Output	■	1 x DC-in
	■	1 x Type C Port (USB3.2 Gen 1); Type C Port (USB3.2 Gen 1, PD3.0, DP1.2 with Alt mode support) (optional)
	■	1 x HDMI 1.4
	■	1 x combo Audio jack for microphone/headphone
	■	2 x Type A Port (USB3.2 Gen 1)
	■	1 x Micro SD Card Reader
	■	1 x SIM card slot nano type (Optional)
	■	1 x Kensington Lock
Speaker & Microphone	■	Build-in 2 speakers
	■	Speaker :2W, 4 Ω
AC adapter (DC charger)	■	DC Output for System : 12V / 2A , 24 WattsAutomatics Voltage adjustment between 100 and 240VAC
	■	Input Frequency 50/60Hz
	■	Surge protection
AC adapter (USB-C Charger) (optional)	■	DC Output for Adapter : 20V/2.25A
	■	DC Output for System : 15V/3A
	■	45 Watts, USB type C plug
	■	Automatics Voltage adjustment between 100 and 240VAC
	■	Input Frequency 50/60Hz
Certification	■	EMC
	■	WLAN for CE
	■	RF
	■	WLAN for CE (RED / SAR)
	■	Safety& Environment
	■	CB
	■	cTUVus (by request)
	■	WEEE
	■	RoHS (Declaration)
	■	HDCP (HDMI)
	■	Energy Star V8.0 Compliance
	■	Erp Lot 6
	■	TPM2.0

		<ul style="list-style-type: none"> ■ HDMI 1.4 w/ certification
Validation	Others	<ul style="list-style-type: none"> ■ Drop test MIL-STD-810H (76.2cm) ■ Water Resistance 300cc on keyboard / 200cc touchpad (Optional) ■ IP52(Optional)

