
User Guide

Notebook

NU50;NUx0xx

Regulatory Compliance Information

FCC Declaration of Conformity

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
No.239, Sec. 2, Ti Ding Blvd., Taipei, Taiwan 11493
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

No.239, Sec. 2, Ti Ding Blvd., Taipei, Taiwan 11493

886-2162-1177

French SAR/DAS

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

Taiwan battery recycling:

Translation – please recycle batteries



CAUTION:

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

RF Exposure Information (SAR)

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 www.fcc.gov/eot/ea/fccid after searching on FCC ID: WL6-NU509560D2W

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

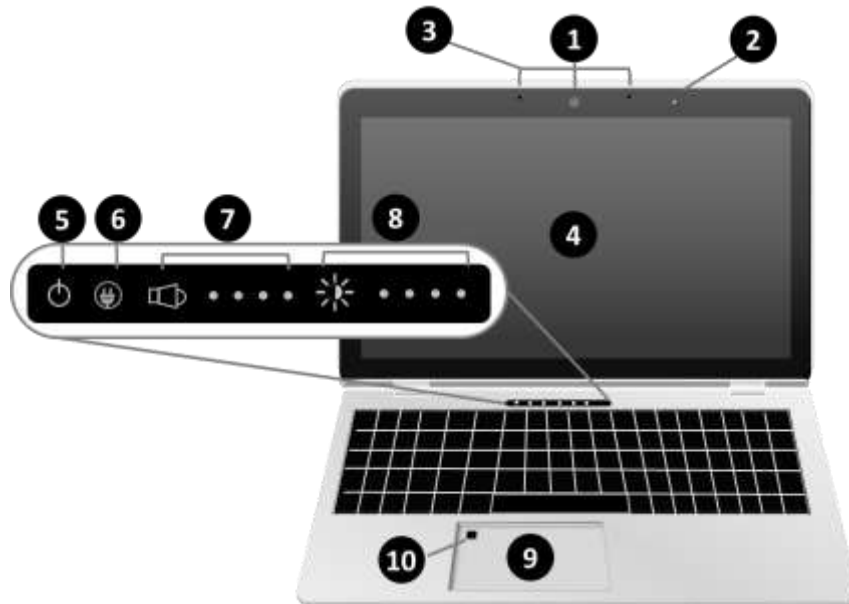
Package contents

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:

<ul style="list-style-type: none">• One laptop	<ul style="list-style-type: none">• One AC adapter and power cable
	
<ul style="list-style-type: none">• Stylus (optional)	<ul style="list-style-type: none">• This manual
	

Layout

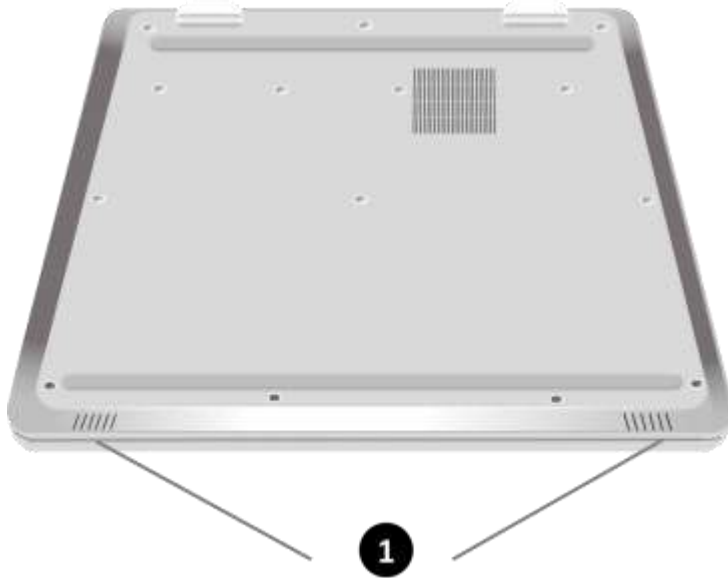
Front



No.	Name	Function
1	Camera	Often for taking self-portraits as well as for video conferencing.
2	Light Sensor	Automatically adjust the screen backlight luminance
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	Power indicator light	Shows the power status of your laptop
6	Charging LED indicator light	The light turns on while plugging in the AC adapter
7	Sound level indicator light	Display the volume level

8	Screen brightness indicator light	Display the brightness level
9	Touchpad	Allows you to control your system using figure gestures
10	Fingerprint scanners (optional)	Recognize the fingerprint to authenticate

Bottom



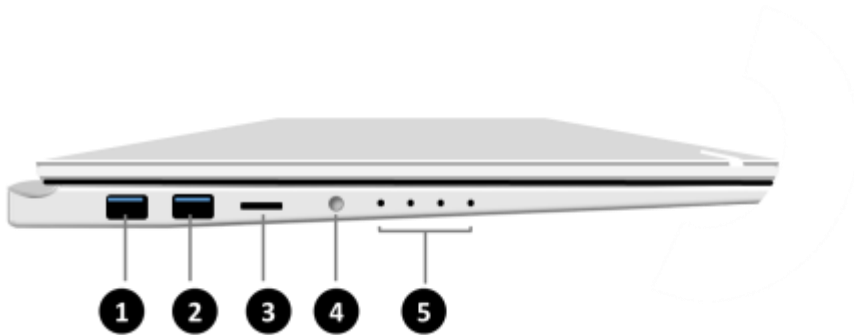
No.	Name	Function
1	Speaker	The sound system has two speakers for playing music, notification sounds, and other audio data.

Right



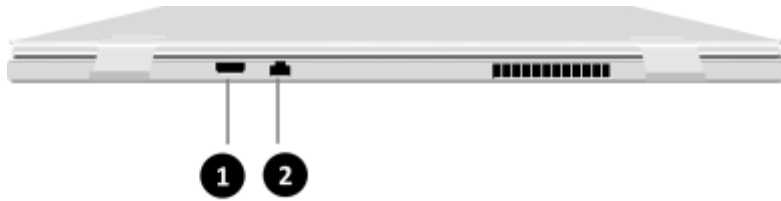
No.	Name	Function
1	USB 3.2 Gen1 Type C	Plug your USB Type-C supported devices here. Plug the provided adapter here to charge the battery. Plug monitors, projectors or TVs to the laptop here
2	USB 3.2 Gen1 Type C	Plug your USB Type-C supported devices here. Plug the provided adapter here to charge the battery.
3	Combo Audio jack for microphone/headphone	Plug your 3.5mm headphone here
4	Power Button	Power on/off your laptop

Left



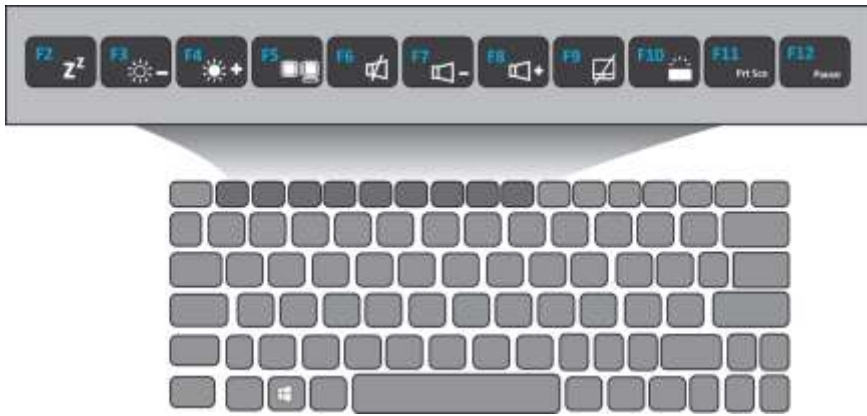
No.	Name	Function
1.	USB 3.2 Gen1 Type A	Plug your USB Type-A devices here.
2	USB 3.2 Gen1 Type A	Plug your USB Type-A devices here.
3.	Micro SD card slot	Plug your micro SD card here
4	Battery status button	Press button once to check for battery status
5	Battery status indicator light	The light to display the battery level

Back

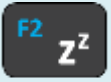












No.	Name	Function
1	HDMI port	Plug your HDMI-cable here
2	RJ45	Plug the RJ45 cable to connect to a wired network environment.

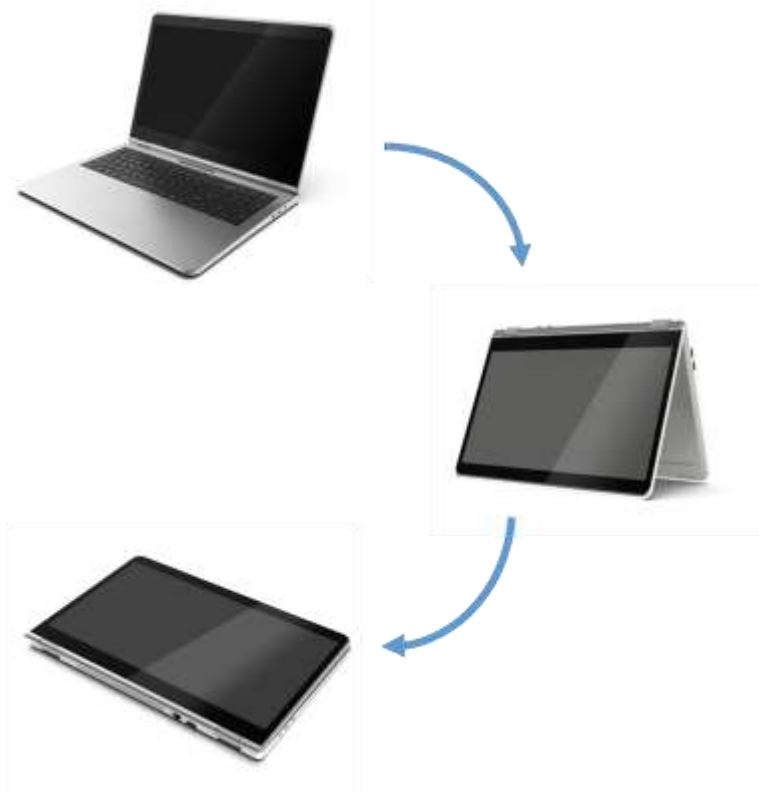
Function keys



The following function keys are no need to press Fn to make them work.

	Sleep button Turn on/off sleep mode		Increases the volume level
	Decreases the display brightness.		Disable and enable the touchpad
	Increases the display brightness.		Adjust the brightness of the backlit keyboard
	Switches display output between your display, external monitor (if connected) and both.		Captures an image of your entire screen
	Mute or unmute your system.		Suspend the execution of the program for seconds.
	Decreases the volume level.		

Folding the keyboard



This laptop supports a swiveling 15.6-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 a laptop. You also can prop the notebook's screen up in stand mode, which is ideal for viewing videos and presentations.

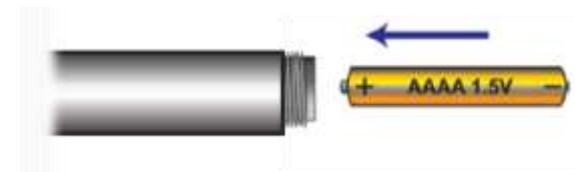
Note : Regarding the HDMI/Ethernet Ports problem we accept ECS's suggestion on having the remark in product spec and user manual "When plugging in HDMI, do not open the screen over 100 degree" should be also applied to the Ethernet Cable.

Stylus pen battery replacement

1. Unscrew the end part of the stylus.



2. Replace the AAAA battery with the positive (+) end of the battery pointing toward the writing tip.



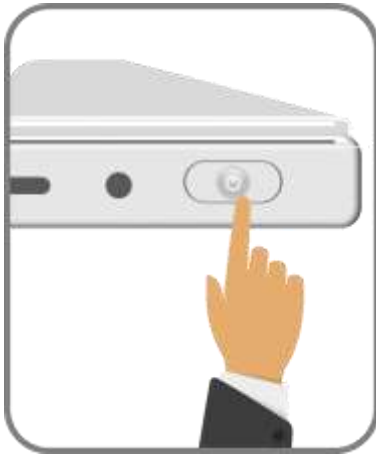
3. Screw the end back on.



2. Using your computer

Powering ON/OFF

Powering on your computer



1. If this is the first time you turn this computer on, connect the AC adapter and fully charge the battery.
2. Press the power button (normally 1 to 2 seconds) until you see the power indicator lights up
3. If the battery level is below 10%, the indicator light blinking in red
4. If the battery level is above 20%, you will see the indicator light up in blue



Powering on for the first time

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

- Activate your Windows 10
- Sign in to or create your Microsoft account
- Setup a wireless connection and more

Please follow the instruction to complete the initial setup.

Powering off your laptop

Save all your data before powering your laptop 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.

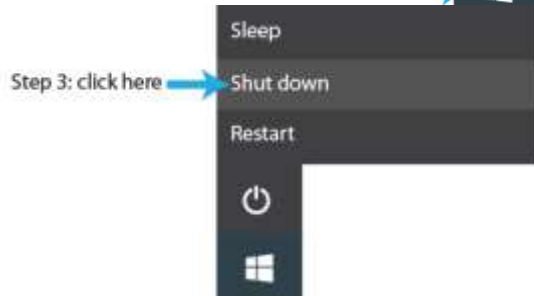


Or, press on the Windows key in the keyboard

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



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



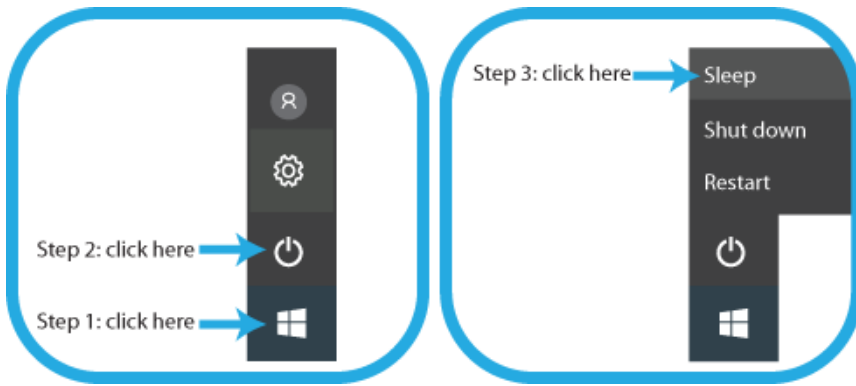
on the right.

Putting your laptop into sleep mode

When you will be away from your laptop for a short time, put the laptop to sleep.

Do one of the following:

- Close the display panel
- Press the power button briefly one time.
- Open the Start menu and then select <Power> → <Sleep>.



Waking up your laptop

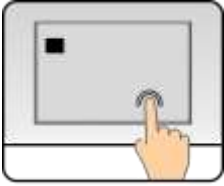
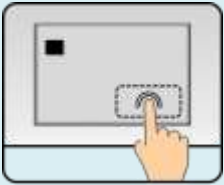
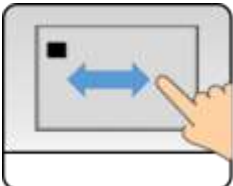
Just pressing the power button briefly one time.



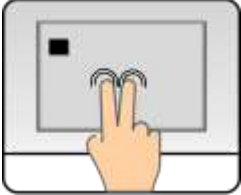
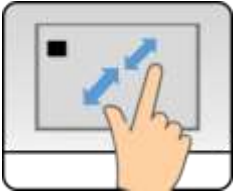
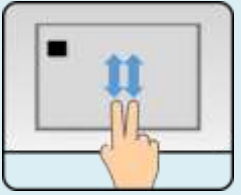

Basic touchpad operations

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.

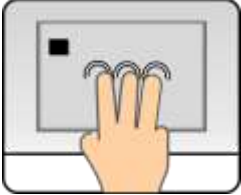
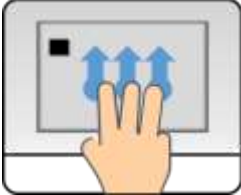
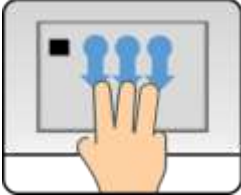

One finger

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 screen. 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
 An illustration of a hand tapping a screen with three fingers. A small black square is visible in the top-left corner of the screen.	Clicking with three fingers can open the Cortana app.
 An illustration of a hand dragging a screen upwards with three fingers. Three blue arrows point upwards from the fingers. A small black square is visible in the top-left corner of the screen.	Press and drag upward with three fingers to bring existing active windows out on the desktop.
 An illustration of a hand dragging a screen downwards with three fingers. Three blue arrows point downwards from the fingers. A small black square is visible in the top-left corner of the screen.	Press and drag downward with three fingers to hide all existing active windows and bring out the desktop.
 An illustration of a hand dragging a screen left or right with three fingers. Three blue arrows point horizontally from the fingers. A small black square is visible in the top-left corner of the screen.	Press and drag to left or right with three fingers to switch between existing active windows.



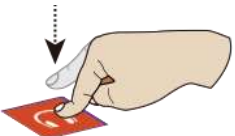
Four fingers

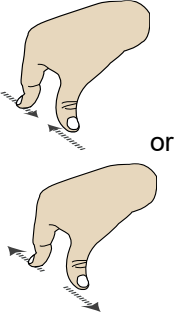
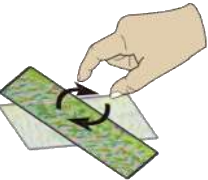
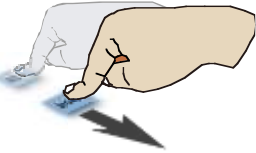
Action	Explanation
 An illustration of a hand with four fingers (index, middle, ring, and pinky) touching a grey rectangular area on a screen. A small black square is visible in the top-left corner of the grey area.	Clicking with four fingers can open the Action Center.

Basic touchscreen operations

Your system is ideal for you to use your fingers or the stylus pen to perform many actions on it.

- Don't use sharp objects to touch the screen. Or, the screen may be damaged or scratched.
- Don't touch the touchscreen with a conductive material. It may cause a malfunction.
- The supporting functions are application dependent.

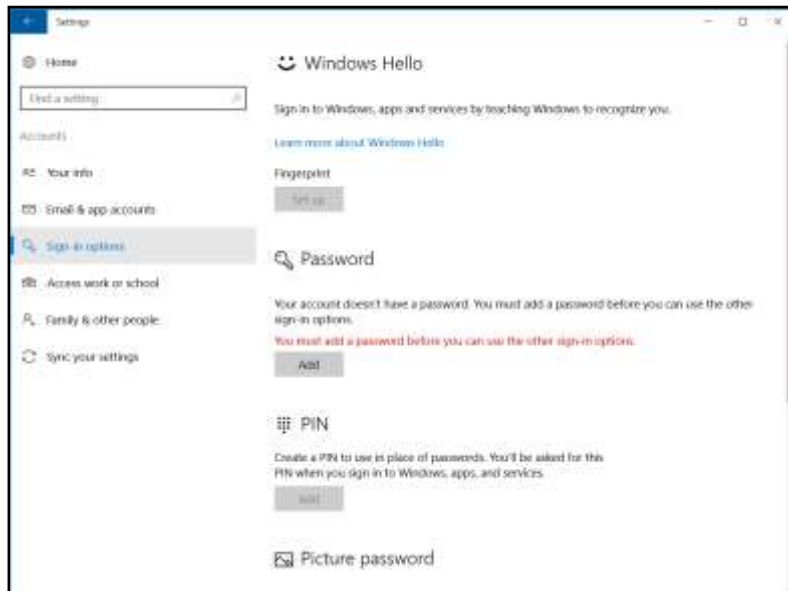
Gesture name	Explanation
<p>Tap</p> 	<p>Touch once on an item to start an app, open a link, or perform an optional function. This is similar to a left-click with a mouse.</p>
<p>Double-tap</p> 	<p>Slightly press twice with your finger to select an item.</p>
<p>Press and hold</p> 	<p>Press and leave your finger on an item. This brings up detailed information or opens a menu with more options for the item. This is similar to a right-click with a mouse.</p>

<p>Pinch</p> 	<p>Move two fingers together or apart while touching the screen. This is to zoom in and out on visual apps, such as pictures and maps.</p>
<p>Rotate</p> 	<p>Place two or more fingers on an item and then turn your hand.</p> <p>This enables you to turn an object. (Note: Not all items can be rotated, depending upon the app.)</p>
<p>Slide</p> 	<p>Drag your finger across the screen.</p> <p>This can scroll through lists and pages, and can also move an object or be used to draw or write, depending upon your apps.</p>

Fingerprint login (optional)

If your system comes with the fingerprint login feature, you can follow the following steps to activate this feature:

1. Open the Settings page and select Accounts.
For how to open the Settings page, please refer to page 27.
2. In the Accounts page, select “Sign-in options”.



Note: Before setting your fingerprint sign-in option, you need to set your password first if you have not set one yet.

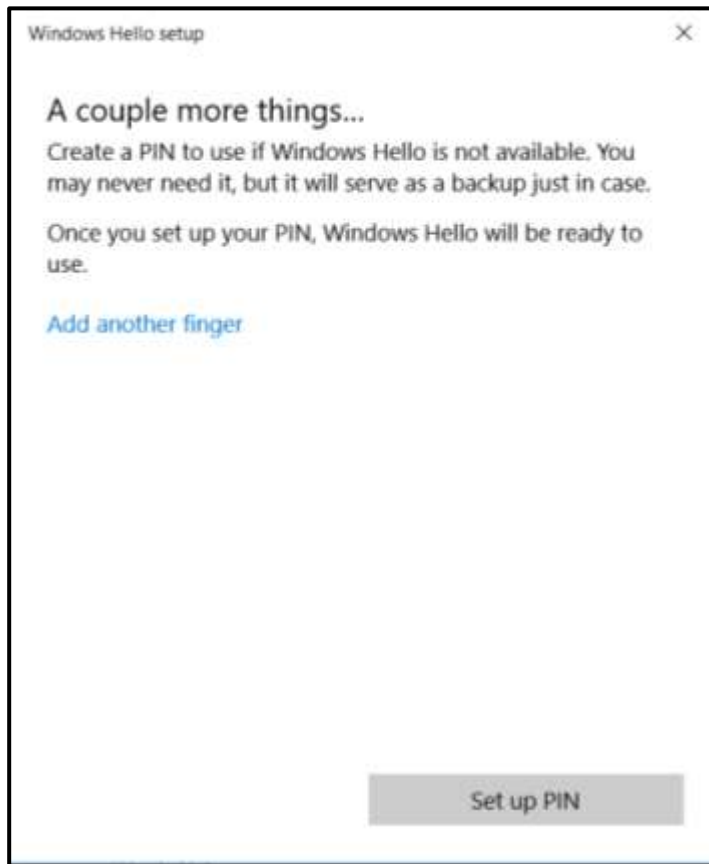
3. In the Fingerprint field, click "Setup". This will activate a feature called Windows Hello.



4. Click "Get started" here, and the system will ask you to swipe your finger with the popup box as shown below.



The system will request you to repeat this process for several times.



Here, you may be asked to set your PIN in case that the Windows Hello becomes unavailable for some reasons.

After you follow the instructions shown on the screen, you are able to login to your laptop pc with your fingerprint.

3. Windows Interface

Virtual desktops

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



Virtual desktops gives you the ability to have multiple desktop interfaces on your laptop and to switch between them like you have multiple monitors. With this feature, you can create many desktops and respectively keep different apps open, separating types of work.

Start With Virtual Desktops



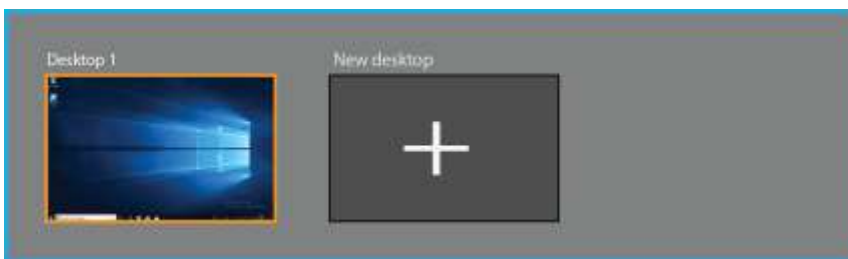
You'll need to open the Task View to work with virtual desktops. To do this, click its button on the taskbar, which is as shown on the left.

Note:

1. If you don't see the button, right-click on an empty spot of the Taskbar and check the Show Task View button option.
2. You can also access Task View with the keyboard shortcut Win + Tab.

Creating a new desktop

For the first time, you'll only see the view at the top of the page. The first desktop is your current one.



To create a second one, click the < New desktop> icon.

After creating a new desktop, you can simply click on the desktop you want to switch to at the top of the screen.



Taskbar

The black 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 left end of the taskbar or press once on the windows

key of the keyboard. And the Start menu will appear, as shown below



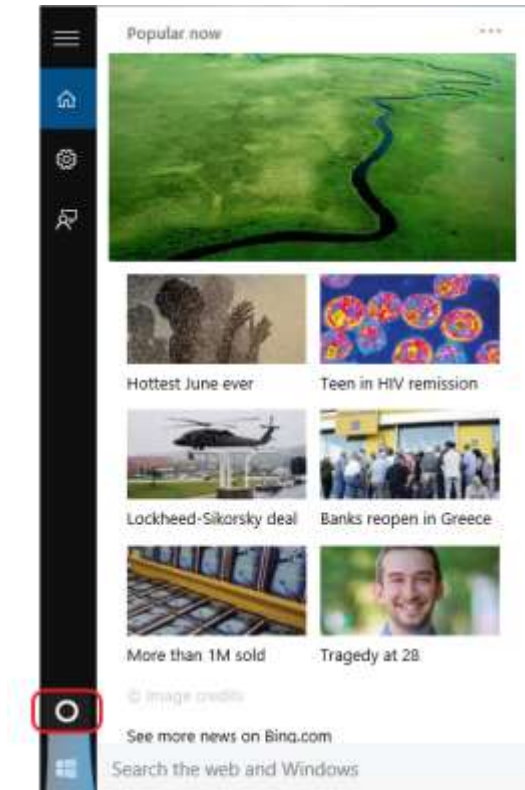
For how to setup this menu, please refer to page 30.

Search box - Cortana

Next to the Start menu is the search box, as shown below.

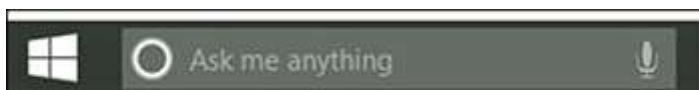


When you select this box, a window will pop out as shown below.



This is the Cortana icon. Cortana is a new virtual assistant built into your Windows 10. Click here to finish the setup and you can control Cortana with either keyboard or voice commands, and use it to perform intelligent searches and more.

After you setup the Cortana settings, the search box will look like



App shortcuts area







In this area, you can put the shortcuts of your frequently used apps. For how to arrange this area, please refer to page 30

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 37)
	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 in the low-left corner of the Desktop. Or, press on the Windows key in the keyboard.
2. Click the Settings icon.

Step 2: click here

Step 1: click here



This will open the Settings screen, as shown below



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

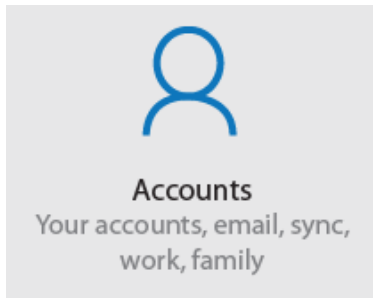
Windows Activation



To use all features of your Windows laptop 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 <Update & security>
3. Select <Activate>.
4. Follow the instructions to activate your windows.

Setup Your Microsoft Account



To share files or settings with other devices running Windows 10, 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 account >
3. Select <Sign in with a Microsoft account instead>.
4. Follow the instruction to register your account information.

Replacing Desktop with Start screen



Personalization
Background, lock screen,
color

If you are more familiar with the interface similar to the Start screen introduced in Windows 8 series, you can set your system to show the Start screen instead of the Desktop every time when you power on your system.

To do so, do the following steps:

1. Open the Settings screen.
2. Select <Personalization>.
3. In the Personalization screen, enable the option <Use Start full screen>

After these steps, you will see the Start screen every time you turn on your system, as shown below.



Pin and unpin your app

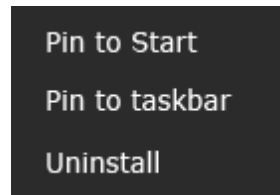
Pinning an App to Start menu or taskbar

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 Start> or <Pin to taskbar> to add the app to your Start menu or taskbar.

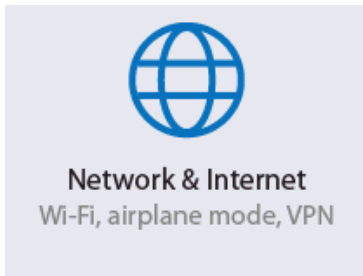
Removing an App

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.

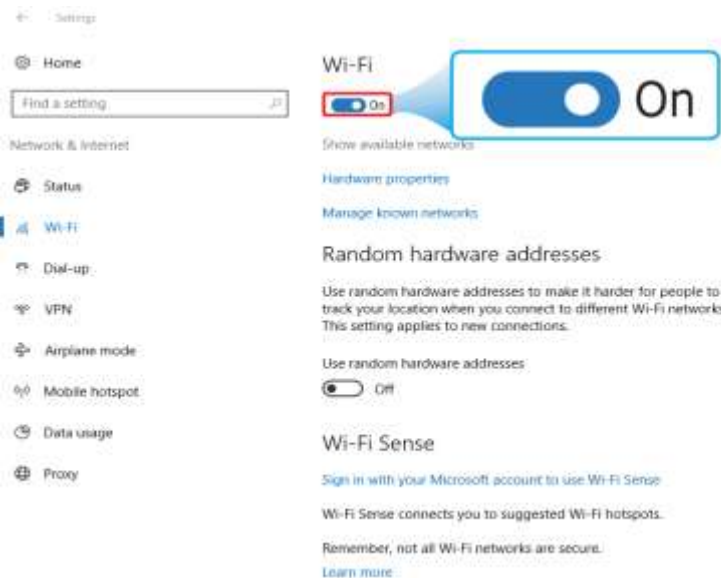
Wireless LAN

Enabling wireless connection



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

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



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 laptop 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.

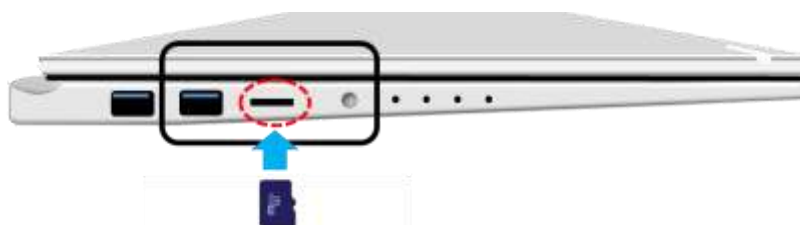
Note: Some networks require a network security key or password for connection. If necessary, ask the network administrator or the Internet service provider (ISP) for the required information.

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.

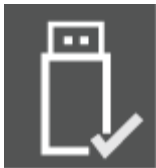
Connecting an External Device

Connecting to the USB port

Your laptop comes with USB ports compatible with USB devices.

Once you plug a USB device into a USB port on your laptop, 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 left) 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.

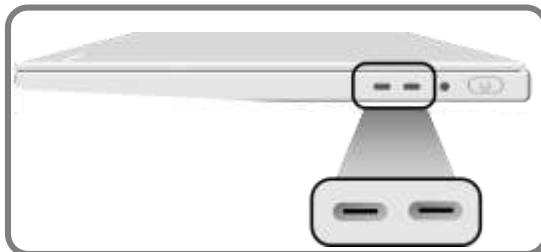
5. Battery

Charging your battery

1. Plug the power cable into the adapter.



2. Plug the USB Type-C head of the adapter into the USB Type-c port, which you can find on the right side of your laptop.



3. Plug the adapter into a wall-socket.
4. The system and power indicators light in red to indicate the battery is being charged.



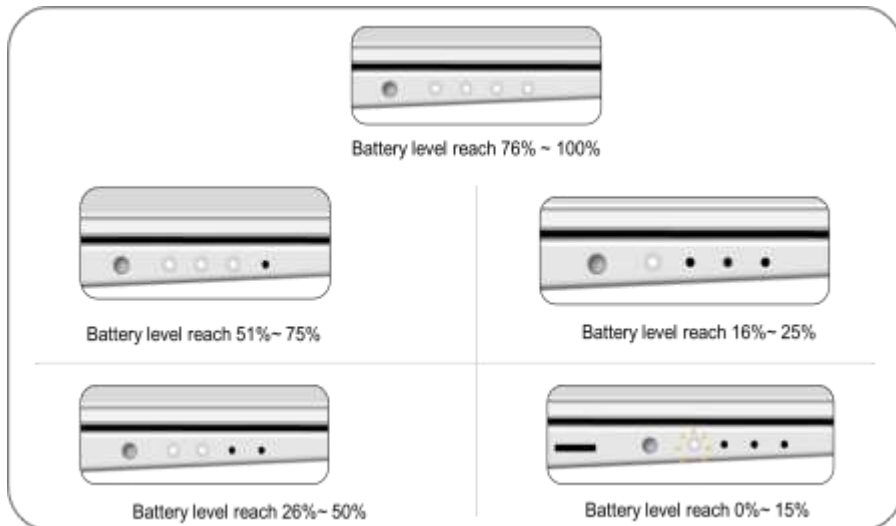
5. When the battery is fully charged, the indicators turn into blue,



Note: If the remaining power in your battery capacity is 90% or above, plugging the adapter will not fully charge your battery.

Inspecting your battery status

Indicators




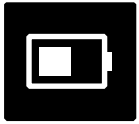


- When the battery is full charged, the indicators light all show in white
- When the power and system indicators start blinking white, it shows the battery is in low capacity. You need to charge the battery at once.

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.

	<p>Battery is fully charged</p>
	<p>Battery is starting to drain</p>
	<p>Battery is about to completely drain, and you should stop using your laptop and charge it at once.</p>
	<p>Battery is being charged.</p>

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

Screen problems	
When I turn on the laptop, 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 laptop and the power cord is plugged into a working electrical outlet. - The laptop power is on. (Press the power button 6 seconds to force the power off, and power it on again.) • If these items are properly set, and the screen remains blank, have the laptop serviced.
My screen goes blank while the laptop is on.	<ul style="list-style-type: none"> • Your system is in its sleep mode. Do one of the following to resume from sleep mode: <ul style="list-style-type: none"> - Press any key on the keyboard for 2 to 3 seconds. - Press the power button. - Press the windows key button if any keyboard attached.
Sleep problems	
The critical low-battery error message appears, and the laptop turns off	<ul style="list-style-type: none"> • The battery power is getting low. Connect the AC adapter to the laptop.

<p>The laptop enters sleep mode immediately after Power-on.</p>	<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 laptop.
<p>The laptop does not return from sleep mode and the laptop does not work.</p>	<ul style="list-style-type: none"> • If your laptop is in sleep mode, connect the AC adapter to the laptop, then press the key button or the power button. • If your laptop is powered-off, connect the AC adapter to the laptop, then press the power button to resume operation.
<p>Display problem</p>	
<p>The screen is blank.</p>	<ul style="list-style-type: none"> • Do the following: <ul style="list-style-type: none"> - Charging your system and press the F7 function key 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
<p>Incorrect characters appear on the screen.</p>	<ul style="list-style-type: none"> • Are the operating system or programs installed correctly? If they are installed and configured correctly, have the laptop serviced.
<p>Sound problems</p>	
<p>No sound can be heard from the speaker even when the volume is turned up.</p>	<ul style="list-style-type: none"> • Make sure that: <ul style="list-style-type: none"> - The mute function is off. - The combo audio jack is not being used. - Speakers are selected as the playback device.

Other problems	
<p>Your laptop does not respond.</p>	<ul style="list-style-type: none"> • To turn off your laptop, press and hold the power button for 6 seconds or more. If the laptop still does not respond, remove the AC adapter. • Your laptop might lock when it enters sleep mode during a communication operation. Disable the sleep timer when you are working on the network.
<p>The connected external device does not work.</p>	<ul style="list-style-type: none"> • Do not connect or disconnect any external device cables other than USB while the laptop power is on. Otherwise, you might damage your laptop. • 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

<p>Processor</p>	<ul style="list-style-type: none"> ■ Intel Compute Module (Celeron 4305U + 4GB LPDDR3 + 64GB eMMC + Wi-Fi 9560) ■ Intel Compute Module (Pentium Gold 5405U + 4GB LPDDR3 + 64GB eMMC + Wi-Fi 9560) ■ Intel Compute Module (Core i3-8145U + 8GB LPDDR3 + Wi-Fi 9560) ■ Intel Compute Module (Core i5-8265U + 8GB LPDDR3 + Wi-Fi 9560) ■ Intel Compute Module (Core i5-8365U + 8GB LPDDR3 + Wi-Fi 9560) ■ Intel Compute Module (Core i7-8565U + 8GB LPDDR3 + Wi-Fi 9560) ■ Intel Compute Module (Core i7-8665U + 8GB LPDDR3 + Wi-Fi 9560)
<p>Storage</p>	<ul style="list-style-type: none"> ■ SSD (Optional) <ul style="list-style-type: none"> ➤ 128GB/256GB/512GB ➤ Support (M.2 2280) ➤ M.2 Port 1 Support SATA/PCIe (M.2 2280) , Pentium SKU Only Support PCIe ➤ M.2 Port 2 Only Support PCIe
<p>Dimension</p>	<ul style="list-style-type: none"> ■ 368(L) * 260.65(W) * 17.1 (H).mm ~ 23.7mm(H) W/O Rubber Foot
<p>Weight</p>	<ul style="list-style-type: none"> ■ 2.42kg
<p>ALS (Ambient Light Sensor)</p>	<ul style="list-style-type: none"> ■ LCD backlight luminance auto adjustment

Accelerometer G sensor & Gyroscope	<ul style="list-style-type: none"> ■ Accelerometer and gyroscope combine ■ Display profile switching (portrait/landscape, face up/face down switching)
LCD	<ul style="list-style-type: none"> ■ TFT Color LCD, LED Backlight ■ 15.6" IPS / FHD 1920*1080 ,Anti-Glare ■ Brightness 300 nits (typ.)
Touchscreen	<ul style="list-style-type: none"> ■ Direct bonding ■ Support 10 points multi touch ■ Capacitive multi touch ■ Support palm rejection
Stylus	<ul style="list-style-type: none"> ■ Active Stylus ■ TOUCH PEN EPN 703B ■ Support MPP 1.51
Ethernet Connectivity	<ul style="list-style-type: none"> ■ Supports 10 100 /1000 Mb/sec. Full Duplex operation. ■ Support Giga Lite mode
Camera	<ul style="list-style-type: none"> ■ USB2.0 interface , w/ LED indicator
Battery	<ul style="list-style-type: none"> ■ Polymer 3S1P 45W battery packs ■ Support fast charging, 135 mins (Power off, 90% battery full) ■ 0% to 50% in less than 45min ■ 50% to 90% in less than 90min
Input/Output	<ul style="list-style-type: none"> ■ 2 x USB 3.2 Gen1 Type C 1x Data + Charging + 1x Full Function ■ 2 x USB 3.2 Gen1 Type A ■ 1 x combo audio jack for he adphone/microphone ■ 1 x HDMI 1.4 ■ 1 x RJ 45 ■ 1 x Micro SD Card Slot
Speaker & Microphone	<ul style="list-style-type: none"> ■ Build in 2 speakers chamber ■ Speaker : 2 W x2, 4 Ω ■ 1M w/ 2 D MIC s , MIC array

OS	<ul style="list-style-type: none"> ■ Windows 10 Pro (64bit) 	
Power adapter	<ul style="list-style-type: none"> ■ 65W PD adapter, type-C 	
Certification	EMC	<ul style="list-style-type: none"> ■ FCC/CE
	RF	<ul style="list-style-type: none"> ■ SAR / RED/ FCC(by request)
	Safety& Environment	<ul style="list-style-type: none"> ■ CB ■ cTUVus (for Canada and USA) ■ WEEE(Declaration) ■ RoHS(Declaration) (Restriction of Hazardous Substances, EU directive 2011/65/EU) ■ REACH(Declaration)
	Design Ready	<ul style="list-style-type: none"> ■ Erp Lot 6 ■ Energy Star Compliance v8.0 ■ HDCP

