

USER MANUAL

SCU6-C1-U5H | SCU6-C1-U7H
SCU6-C1-U5P | SCU6-C1-U7P

About this Concise User Guide

This quick guide is a brief introduction to getting your system started. This is a supplement, and not a substitute for the expanded English language *User's Manual* in *Adobe Acrobat* format on the *Device Drivers & Utilities + User's Manual* disc supplied with your computer. This disc also contains the drivers and utilities necessary for the proper operation of the computer (**Note:** The company reserves the right to revise this publication or to change its contents without notice).

Some or all of the computer's features may already have been setup. If they aren't, or you are planning to re-configure (or re-install) portions of the system, refer to the expanded *User's Manual*. The *Device Drivers & Utilities + User's Manual* disc does not contain an operating system.

Regulatory and Safety Information

Please pay careful attention to the full regulatory notices and safety information contained in the expanded *User's Manual* on the *Device Drivers & Utilities + User's Manual* disc.

© December 2023

Trademarks

Intel is a trademark/registered trademark of Intel Corporation.

Windows is a registered trademark of Microsoft Corporation.



FCC 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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Instructions for Care and Operation

The computer is quite rugged, but it can be damaged. To prevent this, follow these suggestions:

- **Don't drop it, or expose it to shock.** If the computer falls, the case and the components could be damaged.
- **Keep it dry, and don't overheat it.** Keep the computer and power supply away from any kind of heating element. This is an electrical appliance. If water or any other liquid gets into it, the computer could be badly damaged.
- **Avoid interference.** Keep the computer away from high capacity transformers, electric motors, and other strong magnetic fields. These can hinder proper performance and damage your data.
- **Follow the proper working procedures for the computer.** Shut the computer down properly and don't forget to save your work. Remember to periodically save your data as data may be lost.

Servicing

Do not attempt to service the computer yourself. Doing so may violate your warranty and expose you and the computer to electric shock. Refer all servicing to authorized service personnel. Unplug the computer from the power supply. Then refer servicing to qualified service personnel under any of the following conditions:

- When the power cord or AC/DC adapter is damaged or frayed.
- If the computer has been exposed to any liquids.
- If the computer does not work normally when you follow the operating instructions.
- If the computer has been dropped or damaged (do not touch the poisonous liquid if the panel breaks).
- If there is an unusual odor, heat or smoke coming from your computer.

Safety Information

- Only use an AC/DC adapter approved for use with this computer.
- Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
- Do not continue to use a battery that has been dropped, or that appears damaged (e.g. bent or twisted) in any way. Even if the computer continues to work with a damaged battery in place, it may cause circuit damage, which may possibly result in fire.
- Make sure that your computer is completely powered off before putting it into a travel bag (or any such container).
- Before cleaning the computer, make sure it is disconnected from any external power supplies, peripherals and cables.
- Use a soft clean cloth to clean the computer, but do not apply cleaner directly to the computer. Do not use volatile (petroleum distillates) or abrasive cleaners on any part of the computer.
- Do not try to repair a battery pack. Refer any battery pack repair or replacement to your service representative or qualified service personnel.
- Note that in computer's featuring a raised electro-plated logo, the logo is covered by a protective adhesive. Due to general wear and tear, this adhesive may deteriorate over time and the exposed logo may develop sharp edges. Be careful when handling the computer in this case, and avoid touching the raised electro-plated logo. Avoid placing any other items in the carrying bag which may rub against the top of the computer during transport. If any such wear and tear develops contact your service center.

Polymer/Lithium-Ion Battery Precautions

Note the following information which is specific to Polymer/Lithium-Ion batteries only, and where applicable, this overrides the general battery precaution information.

- Polymer/Lithium-Ion batteries may experience a slight expansion or swelling, however this is part of the battery's safety mechanism and is not a cause for concern.
- Use proper handling procedures when using Polymer/Lithium-Ion batteries. Do not use Polymer/Lithium-Ion batteries in high ambient temperature environments, and do not store unused batteries for extended periods.
- If you are working in areas of low temperature use the AC/DC adapter to power the computer.



Battery Disposal & Caution

The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used battery according to the manufacturer's instructions.

Model Differences

This notebook series includes different models that vary slightly in design style, color and general appearance. Note that though your computer may look slightly different from that pictured throughout this documentation, all ports, jacks, indicators, specifications and general functions are the same for all the design styles.

System Startup

1. Remove all packing materials.
2. Place the computer on a stable surface.
3. Securely attach any peripherals you want to use with the computer (e.g. keyboard and mouse) to their ports.
4. **When first setting up the computer use the following procedure** (as to safeguard the computer during shipping, the battery will be locked to not power the system until first connected to the Type-C AC/DC adapter and initially set up as below):
 - Attach the AC/DC adapter cord to the USB 3.2 Gen 2 Type-C Port with Power Delivery on the left of the computer, then plug the AC power cord into an outlet. The battery will now be unlocked.
5. Use one hand to raise the lid to a comfortable viewing angle (do not exceed 180 degrees); use the other hand (as illustrated in **Figure 1**) to support the base of the computer (**Note: Never** lift the computer by the lid).
6. Press the power button to turn the computer "on".

System Software

Your computer may already come with system software pre-installed. Where this is not the case, or where you are re-configuring your computer for a different system, you will find this manual refers to *Microsoft Windows 11*.

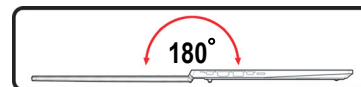
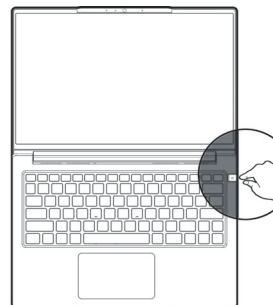
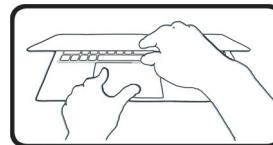
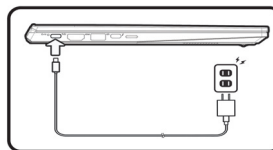




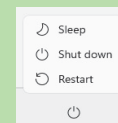
Figure 1 - Opening the Lid/Computer with AC/DC Adapter Plugged-In



Shut Down

Note that you should always shut your computer down by choosing the **Shut down** command in **Windows** (see below). This will help prevent hard disk or system problems.

1. Click the Start Menu icon .
2. Click the **Power** item .
3. Choose **Shut down** from the menu.



System Map: Front View with Display Open (Model A)

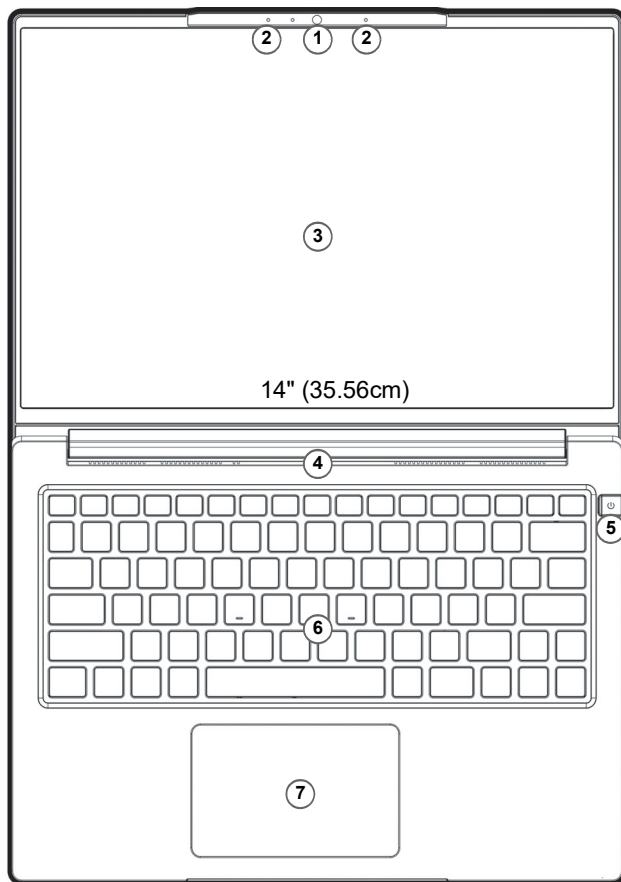
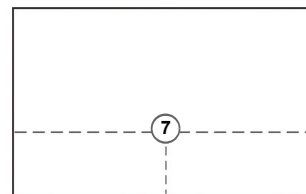


Figure 2

Front View with Display Open (Model A)

1. Built-in Webcam*
Or
(**Factory Option**) Windows Hello Webcam*
**When the webcam is in use, the LED (next to the webcam) will be illuminated.*
2. Built-In Array Microphone
3. Display
4. Vent
5. Power Button
6. Keyboard
7. Touchpad & Buttons



Note that the Touchpad and Buttons valid operational area is that indicated within the dotted lines above.



Overheating

To prevent your computer from overheating make sure nothing blocks any vent while the computer is in use.

System Map: Front View with Display Open (Model B)

Figure 3

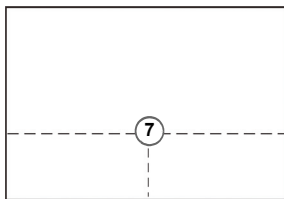
Front View with Display Open (Model B)

1. Built-in Webcam*
Or
(**Factory Option**) Windows Hello Webcam*
**When the webcam is in use, the LED (next to the webcam) will be illuminated.*
2. Built-In Array Microphone
3. Display
4. Vent
5. Power Button
6. Keyboard
7. Touchpad & Buttons

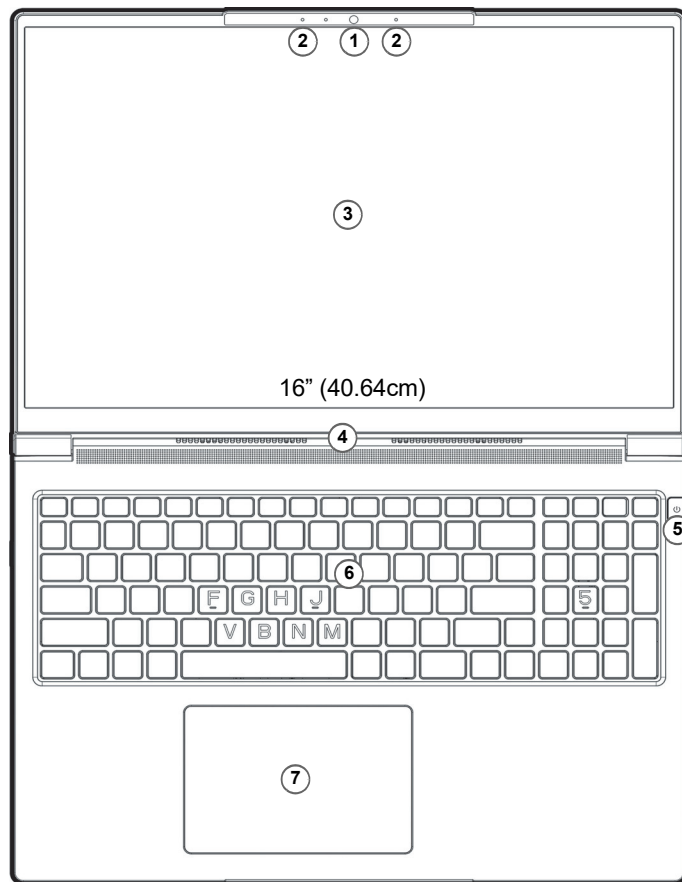


Overheating

To prevent your computer from overheating make sure nothing blocks any vent while the computer is in use.



Note that the Touchpad and Buttons valid operational area is that indicated within the dotted lines above.



LED Indicator

The LED indicator on the computer displays helpful information about the current status of the computer.



Icon	Color	Description
		
	Orange	The AC/DC Adapter is Plugged In
	Blinking Orange*	The AC/DC Adapter is Plugged In and the Powered USB Port (Factory Option) is On*
	Green	The Computer is On
	Blinking Green	The Computer is in Sleep Mode

Table 1 - LED Indicator



*Powered USB Port (Factory Option)

Note that the powered USB 3.2 Gen 2 port (see [page 11](#)) is not operational under DOS and does not support wake on USB. This port may be toggled on/off by means of the **Fn + Power Button** key combination. When the powered USB port is on it will supply power (**for charging devices only, not for operating devices**) when the system is off but still powered by the AC/DC adapter plugged into a working outlet, or powered by the battery with a capacity level above 20% (this may not work with certain devices - see [page 23](#)).

Screen Rotation

The computer's LCD can be opened up to 180 degrees, and you can use the **Fn + R** key combination to fully rotate the screen. You can use this to rotate the screen to allow someone sitting facing you to view the screen if required.

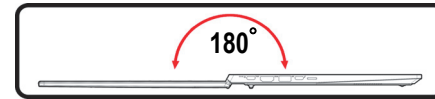


Figure 4 - LCD Panel Open to 180 degrees with Screen Rotated

Keyboard (Model A)

The keyboard has a numeric keypad for easy numeric data input. Pressing **Fn + Num Lk** turns on/off the numeric keypad. It also features function keys to allow you to change operational features instantly.

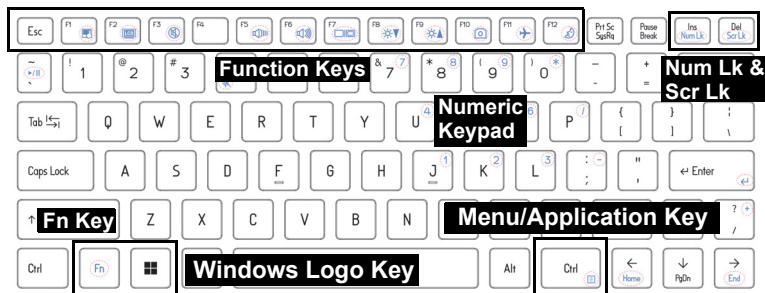


Figure 5 - Keyboard

(Factory Option) White-LED Keyboard

The keyboard illumination level may be adjusted, or turned off/on, by using the **Fn + F24** keys.

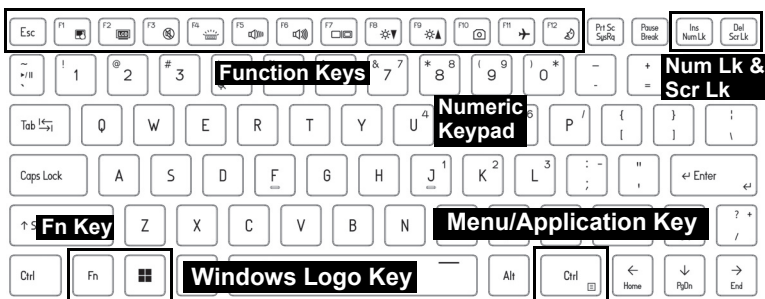


Figure 6 - (Factory Option) White-LED Keyboard

Keyboard (Model B)

The keyboard has a numeric keypad for easy numeric data input. Pressing **Num Lk** turns on/off the numeric keypad. It also features function keys to allow you to change operational features instantly.

(Factory Option) White-LED Keyboard

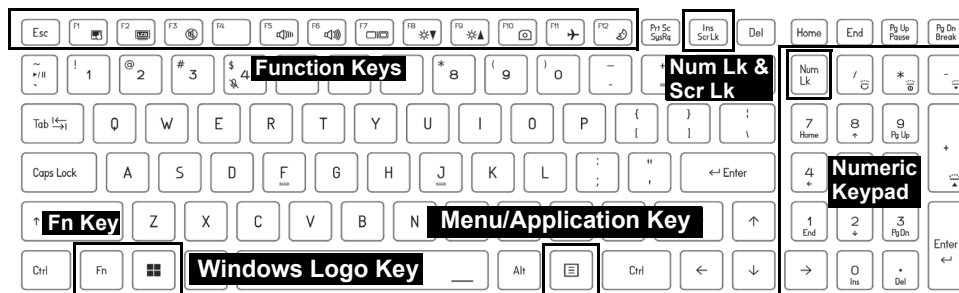


Figure 7 - (Factory Option) Full-size White-LED Keyboard

The keyboard LED may be configured using the **Fn + key combination** outlined in the table below.

Keyboard LED Function key Combinations		
Fn +	Launch the LED Keyboard Application	
Fn +	Toggle the Keyboard LED On/Off	
Fn +	Keyboard LED Illumination Decrease	
Fn +	Keyboard LED Illumination Increase	

Table 2 - Keyboard LEDs

The **LED Keyboard** application can be accessed by clicking the **LED Keyboard** icon in the **Control Center** (or by pressing the **Fn** plus key).

Function Keys & Visual Indicators

The function keys (F1 - F12 etc.) will act as hot keys when pressed while the **Fn** key is held down. In addition to the basic function key combinations, some visual indicators are available when the Control Center driver is installed.



























Keys	Function/Visual Indicators		Keys	Function/Visual Indicators
Fn + 	Play/Pause (in Audio/Video Programs)		Fn + 	Sleep Toggle
Fn + 	Touchpad Toggle		 / Fn + 	Number Lock Toggle
Fn + 	Turn Display Backlight Off (Press a key to or use Touchpad to turn on)		Fn +  / 	Scroll Lock Toggle
Fn + 	Mute Toggle			Caps Lock Toggle
Fn + 	Toggle Keyboard Illumination/Adjust Brightness Level	(For White-LED Keyboards - option for Model A)	Fn + 	Control Center Toggle (see page 14)
Fn +  	Volume Decrease/Increase		Fn + 	Fan Automatic Control/ Full Power
Fn + 	Change Display Configuration (see page 16)		Fn + 	Rotate the Screen
Fn +  	Display Brightness Decrease/Increase		Fn + 	Power Modes Toggle
Fn + 	Webcam Power Toggle		Fn + 	Microphone Toggle
Fn + 	Airplane Mode Toggle		Fn + Power Button	(Factory Option) Powered USB Port Power Toggle (see page 11)

Table 3 - Function Keys & Visual Indicators

System Map: Front, Left & Right Views (Model A)

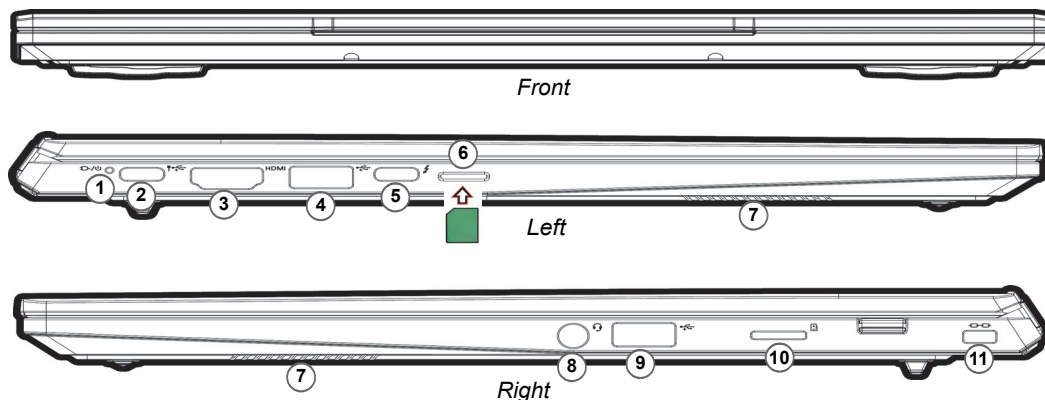


Figure 8 - Front, Left & Right Views (Model A)

1. LED Indicator
2. USB 3.2 Gen 2 Type-C Port with Power Delivery (DC-In)*
3. HDMI-Out Port
4. USB 3.2 Gen 2 Type-A Port
Or
(Factory Option) Powered USB 3.2 Gen 2 Type-A Port (see [page 7](#))
5. Thunderbolt 4 Port with Power Delivery (DC-In)*
6. (Factory Option) USIM Card Reader (for 4G/5G USIM Cards)
7. Speakers
8. 2-In-1 Audio Jack (Headphone / Microphone)
9. USB 3.2 Gen 1 Type-A Port
10. MicroSD Card Reader
11. Security Lock Slot

*The port with Power Delivery DC-In function allows you to use a power source, with a USB Type-C cable and connector, plugged into the port to charge the computer. Make sure any power source is appropriately certified, and complies with the USB-C PD (Power Delivery) standard specification rated at **20V, 5A** or **20V, 3.25A**.



USIM Card Ejection

Simply press on the USIM card to eject it, however do not do this while a connection is in progress.

If you do eject the card while a 4G/5G connection is ongoing, you will need to shut down the system, reinsert the USIM card, restart the system and then reestablish the 4G/5G connection.

If you wish to change USIM cards then you will also need to **shut down the system**, reinsert the USIM card, restart the system and then reestablish the 4G/5G connection.

System Map: Front, Left & Right Views (Model B)



USIM Card Ejection

Simply press on the USIM card to eject it, however do not do this while a connection is in progress.

If you do eject the card while a 4G/5G connection is ongoing, you will need to shut down the system, reinsert the USIM card, restart the system and then reestablish the 4G/5G connection.

If you wish to change USIM cards then you will also need to **shut down the system**, reinsert the USIM card, restart the system and then reestablish the 4G/5G connection.

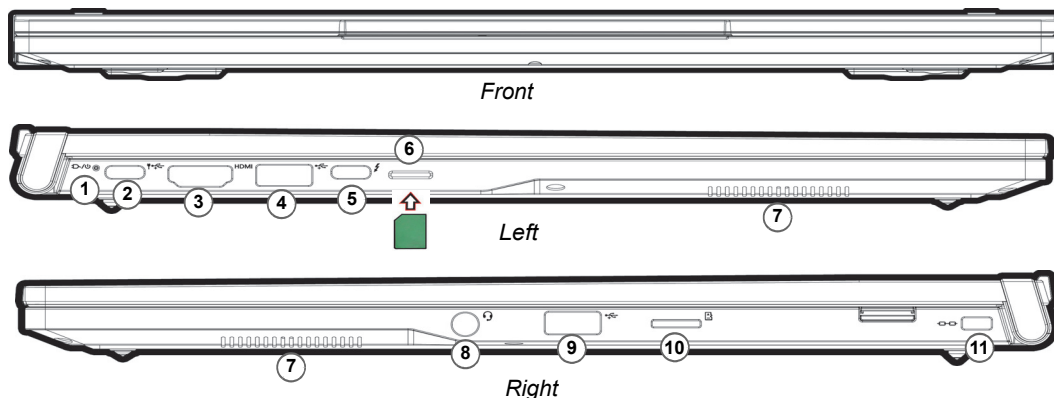
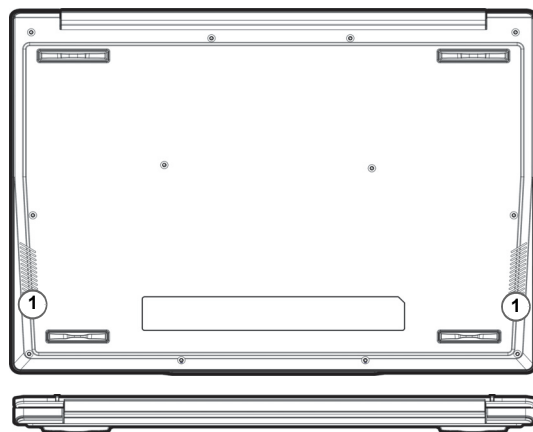


Figure 9 - Front, Left & Right Views (Model B)

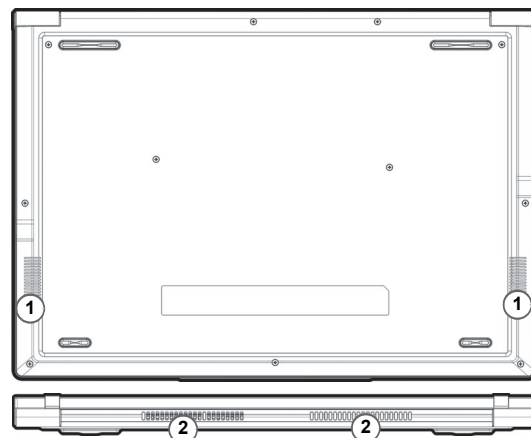
- | | |
|---|--|
| 1. LED Indicator | 6. (Factory Option) USIM Card Reader (for 4G/5G USIM Cards) |
| 2. USB 3.2 Gen 2 Type-C Port with Power Delivery (DC-In)* | 7. Speakers |
| 3. HDMI-Out Port | 8. 2-In-1 Audio Jack (Headphone / Microphone) |
| 4. USB 3.2 Gen 2 Type-A Port | 9. USB 3.2 Gen 1 Type-A Port |
| Or | 10. MicroSD Card Reader |
| (Factory Option) Powered USB 3.2 Gen 2 Type-A Port (see page 7) | 11. Security Lock Slot |
| 5. Thunderbolt 4 Port with Power Delivery (DC-In)* | |

*The port with Power Delivery DC-In function allows you to use a power source, with a USB Type-C cable and connector, plugged into the port to charge the computer. Make sure any power source is appropriately certified, and complies with the USB-C PD (Power Delivery) standard specification rated at **20V, 5A** or **20V, 3.25A**.

System Map: Bottom & Rear Views



Model A



Model B

Figure 10
Bottom & Rear Views

1. Speakers
2. Vent




Bottom Cover Removal Warning

Do not remove any cover(s) and/or screw(s) for the purposes of device upgrade as this may violate the terms of your warranty. If you need to replace/remove the SSD/RAM etc., for any reason, please contact your distributor/supplier for further information.



Overheating



To prevent your computer from overheating make sure nothing blocks any vent while the computer is in use.

Control Center


Run the **Control Center** from the Start menu in *Windows*  Fn hotkeys and OSD . You can also press the **Fn + Esc** key combination, or **double-click the icon** in the **notification area of the taskbar** to access the **Control Center**. The **Control Center** provides quick access to **Power Modes**, **Fan settings** and **LED Keyboard** configuration (*for the optional LED keyboard*).

Windows 11 Start Menu, Context Menu, Taskbar, Control Panel and Settings

Most of the apps, control panels, utilities and programs within *Windows 11* can be accessed from the Start Menu by clicking the icon  in the taskbar in the lower left corner of the screen (or by pressing the **Windows Logo Key**  on the keyboard).

Right-click the Start Menu icon  (or use the **Windows Logo Key**  + X key combination) to bring up an advanced Context Menu of useful features such as Apps and Features, Power Options, Task Manager, Search, File Explorer, Device Manager, Computer Management and Network Connections etc.

The notification area of the taskbar is in the bottom right of the screen. Some of the control panels and applications referred to throughout the course of this manual can be accessed from here.

Throughout this manual you will see an instruction to open the Control Panel. To access the Control Panel, use the **Windows Logo Key**  + R key combination and type “**Control Panel**”. You can pin the **Control Panel** tile to **Start** or **taskbar**.

The **Settings** item in the Start Menu (and also as an App) gives you quick access to a number of system settings control panels allowing you to adjust settings for System, Bluetooth & devices, Network & internet, Personalization, Apps, Accounts, Time & language, Gaming, Accessibility, Privacy & security and Windows Update.

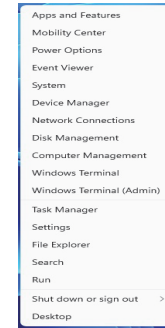
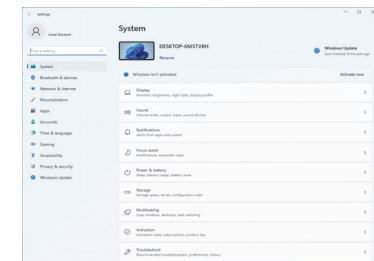
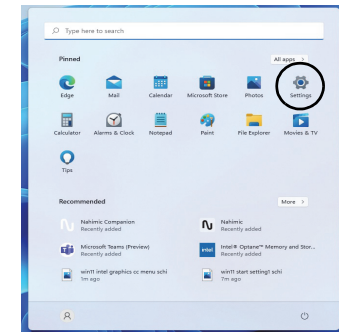


Figure 11
**Start Menu,
Context Menu,
Taskbar, Con-
trol Panel and
Settings (Win-
dows 11)**



Video Features

The system features an **Intel integrated GPU**. You can switch display devices, and configure display options, from the **Display** control panel in *Windows* as long as the video driver is installed.

To access the Display control panel in Windows:

1. Right-click the desktop and select **Display settings** from the menu.
2. Choose the required display settings from the menus.

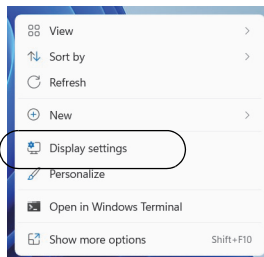


Figure 12 - Display settings

To access the Intel® Graphics Command Center:

1. Access the **Intel® Graphics Command Center** from the Start menu in *Windows*



Display Devices

Note that you can use external displays connected to the HDMI-Out port and/or Thunderbolt 4 port and/or USB 3.2 Gen 2 Type-C port with Power Delivery. See your display device manual to see which formats are supported.

Configuring the Displays in Windows

All external and internal displays (up to 3 active displays) can be configured from *Windows* by using the **Display** or **System** (in **Settings**) control panel or the **Project** menu.

To configure the displays using the Project menu:

1. Attach your external display(s) to the appropriate port, and turn it(them) on.
2. Press the **Windows** + **P** (or **Fn + F7**) key combination.
3. Click on any one of the options from the menu to select **PC screen only**, **Duplicate**, **Extend** or **Second screen only**.
4. You can also click **Connect to a wireless display** at the bottom of the **Project** screen and follow the steps to connect to any wireless enabled display.

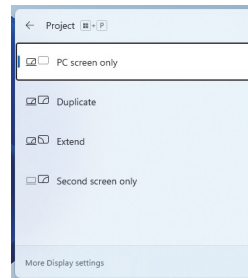


Figure 13
Project

To configure the displays using the Display control panel:

1. Attach your external display(s) to the appropriate port, and turn it(them) on.
2. Right-click the desktop and select **Display settings** from the menu.
3. Click the **Detect** button.
4. The computer will then detect any attached displays.
5. You can configure up to 3 displays from the **Multiple displays** menu.

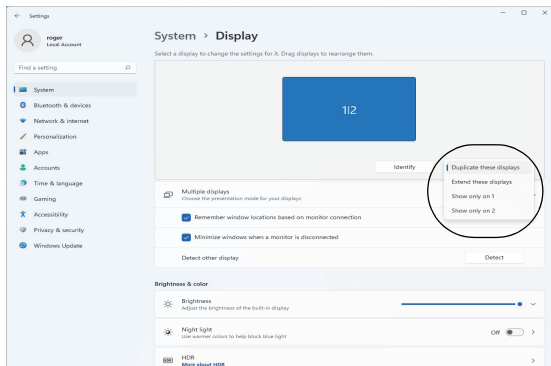



Figure 14 - Display (Multiple displays)

Audio Features

You can configure the audio options on your computer from the **Sound** control panel in *Windows*. Access the **Sound** control panel via the **Settings (System > Sound)** item in the Start menu.

The volume may be adjusted by means of the **Fn + F5/F6** key combination. The sound volume level can also be set using the volume control within *Windows*. Click the icon  in the taskbar to check the setting.

Power & battery

The **Power & battery** control panel allows you to quickly adjust power options for **Screen and sleep**, **Power mode**, **Battery saver** and **Battery usage** etc. Access the **Power & battery** control panel via the **Settings (System > Power & battery)** item in the Start menu.

The **Power mode** can be set to **Balanced** (default) which balances performance and battery life, **Best power efficiency** for better battery life with reduced performance, and **Best Performance** for improved performance but with greater battery consumption. You can also customize the settings for how long your computer will remain inactive before it turns off the screen or goes to sleep. Expand the “**Screen and sleep**” option, and select your preferred durations from each drop-down menu.

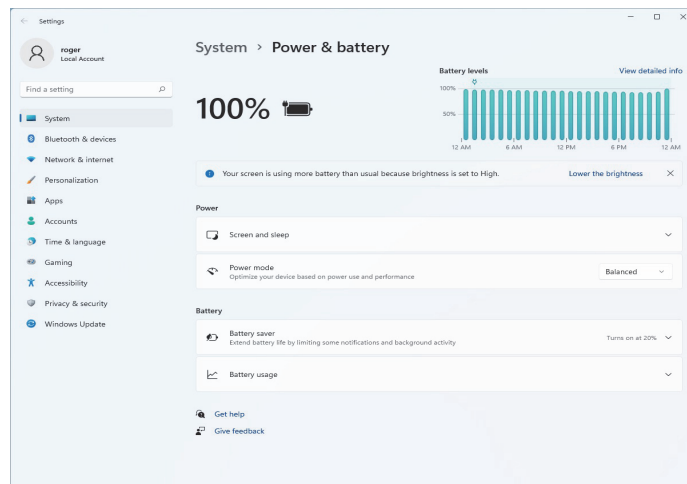


Figure 15 - Power & battery

Driver Installation

The *Device Drivers & Utilities + User's Manual* disc contains the drivers and utilities necessary for the proper operation of the computer. This setup will probably have already been done for you. If this is not the case, insert the disc and click **Install Drivers** (button), or **Option Drivers** (button) to access the **Optional** driver menu. Install the drivers **in the order indicated** in *Figure 16*. Click to select the drivers you wish to install (you should note down the drivers as you install them). **Note:** If you need to reinstall any driver, you should uninstall the driver first.

Latest Updates

After installing all the drivers make sure you enable **Check for updates** (**Settings > Windows Update**) and go to the Microsoft Store and click **Downloads and updates > Get updates** to update all Apps etc.



Figure 16 - Install Drivers



Driver Installation & Power

When installing drivers make sure your computer is powered by the AC/DC adapter connected to a working power source. Some drivers draw a significant amount of power during the installation procedure, and if the remaining battery capacity is not adequate this may cause the system to shut down and cause system problems (note that there is no safety issue involved here, and the battery will be rechargeable within 1 minute).



Driver Installation General Guidelines



As a general guide follow the default on-screen instructions for each driver (e.g. **Next > Next > Finish**) unless you are an advanced user. In many cases a restart is required to install the driver.

Make sure any modules (e.g. WLAN or Bluetooth) are **ON** before installing the appropriate driver.

Wireless LAN Module (Option)

Make sure the Wireless LAN module is turned on (and not in **Airplane Mode**) before configuration begins.

WLAN Configuration in Windows

1. Click the icon  in the notification area of the taskbar.
2. Click the icon .
3. A list of available access points will appear.
4. Double-click an access point to connect to it (or click it and click **Connect**).
5. Enter a network security key (password) if required, and click **Next**.
6. You can choose to find other devices or not.
7. When you are connected to the network access point it will display **Connected**.
8. Select any connected network and click **Disconnect** to disconnect from a connected access point.
9. You can click the **Airplane Mode** button to turn the mode On or Off.
10. Alternatively you can click the **Wi-Fi** button to turn just the Wi-Fi On or Off.



Connect Automatically

It is recommended that you check the box to Connect automatically. This will cause the system to check for the access point upon startup, and resuming from a power-saving state, and will remove any necessity to keep connecting manually.

Bluetooth Module (Option)

Make sure the Bluetooth module is turned on (and not in **Airplane Mode**) before configuration begins.

Bluetooth Configuration in Windows

1. Click the **Settings** item in the Start Menu.
2. Click **Bluetooth & devices**.
3. Click **Add device > Bluetooth** and a list of discovered devices will appear.
4. Double-click the device you want to pair with the computer and click **Connect**.
5. Select a device and click **Remove Device > Yes** to disconnect from any device.

Windows Hello Webcam (Option)

The **Windows Hello webcam** is compatible with the **Windows Hello facial recognition** system. The Windows Hello webcam provides a user-friendly interface with a single form of verification to log on to your computer.

The Windows Hello webcam module uses the **Sign-in options** configuration of the **Windows Account**.

Windows Hello Webcam Module Configuration

1. Before setting up the facial recognition system make sure that:
 - The system is powered by the AC/DC adapter (if the system is powered by the battery then facial recognition will not work).
 - If you are a glasses wearer then it is recommended that you remove your glasses in order to prevent reflection problems hampering the facial recognition system.
2. Click the **Settings** item in the Start Menu.
3. Click **Accounts** and then click **Sign-in options**.
4. You will need to add a **Windows** password (click **Add** under **Password**).
5. After you have added the password you will need to also add a **PIN**.
6. Click **Set up** under **Facial recognition (Windows Hello)**.
7. Click **Get Started** and the Windows Hello Setup Wizard will then guide you through the set up process to scan your face.
8. You will need to key in the pin number on initial setup.

9. Keep looking directly at the screen and the system will scan your face (the blue bar underneath your picture indicates the progress of the scan).
10. The system will then prompt with "**All Set!**", so click **Close** to exit the Setup Wizard.
11. **Restart the computer** after the scanning process has been completed.
12. You can use the facial recognition system to unlock your computer the next time you start the system. The system will prompt with "**Getting ready...**" and after seeing this simply look directly (as it prompts "**Looking for you...**" / "**Making sure it's you...**") at the screen to complete the scan.



Windows Hello Webcam and Power-Saving

If you turn off the webcam (e.g. by using the **Fn + F10** key combination) then the facial recognition system will not function.

If the system enters and resumes from Hibernation, is restarted, or is shut down and restarted with the webcam turned off, then the facial recognition system will not function.

TPM

Before setting up the TPM (Trusted Platform Module) functions you must initialize the security platform.

Activating TPM

1. Restart the computer.
2. Enter the **BIOS** pressing **F2** during the POST/startup.
3. Click **Setup Utility** and select the **Security** menu.
4. Click **TPM Configuration** and select **Enable** for **Security Device Support**.
5. You will then need to press/click **F10** to save the changes and restart the computer.



Figure 17
Security -
Trusted
Computing

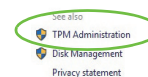
TPM Management in Windows

You can manage your TPM settings from within *Windows*:

1. Go to the **Control Panel**.
2. Click **BitLocker Drive Encryption (System and Security)**.

3. Click **TPM Administration**.

Figure 18
BitLocker Drive
Encryption
(TPM Admini-
stration)



4. The TPM Management window allows you to configure the TPM within *Windows*. As TPM is usually administered within large enterprises and organizations, your system administrator will need to assist you in managing the information here.

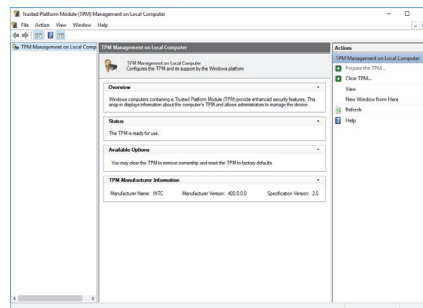


Figure 19
Trusted Plat-
form Module
(TPM) Manage-
ment on Local
Computer Ad-
ministration

TPM Actions

1. Click **Prepare the TPM** and follow the instructions in the Wizard to prepare the TPM (this will probably require a restart of the computer and confirmation of the setting changes after restart by pressing the appropriate F key).
2. After the restart the TPM will be prepared and you can then use the **Actions** menu to **Turn TPM off**, **Change Owner Password**, **Clear TPM** or **Reset TPM Lockout**.
3. A wizard will help take you through any setup steps.

Troubleshooting

Problem	Possible Cause - Solution
The Wireless LAN/Bluetooth modules cannot be detected.	<i>The modules are off as the computer is in Airplane Mode.</i> Use the Fn + F11 key combination to toggle Airplane Mode on/off (see Table 3 on page 10).
The Webcam module cannot be detected.	<i>The module is off.</i> Press the Fn + F10 key combination in order to enable the module (see Table 3 on page 10). Run the camera application to view the camera picture.
The computer is off (or in Sleep Mode) but powered by the AC/DC adapter plugged in to a working outlet or powered by the battery with a capacity level above 20%. I have plugged a device into the powered USB port in order to charge it, but the device is not charging.	<i>The port is not powered on.</i> Toggle power to the port using the Fn + Power Button combination. This function may not work with certain external USB compliant devices (check your device's documentation). If this is the case, power the computer on and connect the external USB device in order to charge it.
Gaming performance is slow.	<i>It is recommended that you use Maximum fan speed when playing games.</i> Use the Fn + 1 key combination to adjust the fan speed.

Specifications



Latest Specification Information

The specifications listed in this section are correct at the time of going to press. Certain items (particularly processor types/speeds) may be changed, delayed or updated due to the manufacturer's release schedule. Check with your service center for details.

Note that this computer model series may support a range of CPUs and/or video adapters.

To find out which CPU is installed on your system go to the **Start** menu and select **Settings**, and then select **System** and click **About**. This will also provide information on the amount of **Installed RAM** etc.

To get information on your system's **video adapter** go to the **Start** menu and select **Settings**, and then select **System** and click **Display > Advanced display settings > Display adapter properties**.

BIOS

Insyde BIOS (256Mb SPI Flash ROM)

Memory

Dual Channel DDR5

On Board DDR5 8GB

One 262 Pin SO-DIMM Socket Supporting **DDR5 5600MHz** Memory

Memory Expandable up to **40GB**

Compatible with 8GB, 16GB or 32GB Modules

(The real memory operating frequency depends on the processor.)

Display Options

Model A

LCD, 14" (35.56cm), 16:9, FHD+ (1920x1200)

Model B

LCD, 16" (39.62cm), 16:9, QHD+ (2560x1600)/FHD+ (1920x1200)

Audio

High Definition Audio Compliant Interface

2 * Built-In Speakers

Built-In Array Microphone

Storage

Two M.2 PCIe **Gen4 x4** Solid State Drive (SSD)

Keyboard

Model A

Keyboard

Or

(**Factory Option**) **White**-LED Keyboard

Model B

Full-size Keyboard

Or

(**Factory Option**) Full-size **White**-LED Keyboard

Pointing Device

Built-in Touchpad (with Microsoft PTP Multi Gesture & Scrolling Functionality)

Security

Security (Kensington® Type) Lock Slot

BIOS Password

TPM 2.0

Card Reader

MicroSD Card Reader

M.2 Slots

Slot 1 for **WLAN and Bluetooth** Combo Module

Slot 2 for **PCIe Gen4 x4 SSD**

(**Factory Option**) Slot 3 for **PCIe Gen4 x4 SSD** or **4G/5G** Module

Communication

2.0M FHD Webcam with TNR

Or

(Factory Option) 2.0M FHD Windows Hello Webcam Module

(Factory Option) M.2 3042 **4G/5G** Module

WLAN/ Bluetooth M.2 Modules:

(Factory Option) Intel® Dual Band Wi-Fi 6E AX211, 2x2 Wireless LAN + Bluetooth

(Factory Option) Intel® Dual Band Wi-Fi 6E AX210, 2x2 Wireless LAN + Bluetooth

(Factory Option) Intel® Dual Band Wi-Fi 6 AX201, 2x2 Wireless LAN + Bluetooth

(Factory Option) Intel® Tri-Band Wi-Fi 7 BE200, 2x2 Wireless LAN + Bluetooth

Interface

One USB 3.2 Gen 1 Type-A Port

One USB 3.2 Gen 2 Type-A Port

Or

(Factory Option) One Powered USB 3.2 Gen 2 Type-A Port

One USB 3.2 Gen 2 Type-C Port with Power Delivery (DC-In)

One Thunderbolt 4 Port with Power Delivery (DC-In)

One HDMI-Out Port

One 2-In-1 Audio Jack (Headphone / Microphone)

Environmental Spec

Temperature

Operating: 5°C - 35°C

Non-Operating: -20°C - 60°C

Relative Humidity

Operating: 20% - 80%

Non-Operating: 10% - 90%

Power

Full Range AC/DC Adapter (Type-C)

AC Input: 100 - 240V, 50 - 60Hz

DC Output: 19V, 3.25A (**65W**)

Embedded Polymer Smart Lithium-Ion Battery Pack, 55WH

(Factory Option) Embedded Polymer Smart Lithium-Ion Battery Pack, 73WH

Dimensions & Weight

Model A

312.5mm (w) * 223mm (d) * 16.9~18.3mm (h)

990g with 55WH Battery

Or

1.15kg with 73WH Battery

Model B

358mm (w) * 253mm (d) * 18.5~19.6mm (h)

1.26kg with 55WH Battery

Or

1.42kg with 73WH Battery

