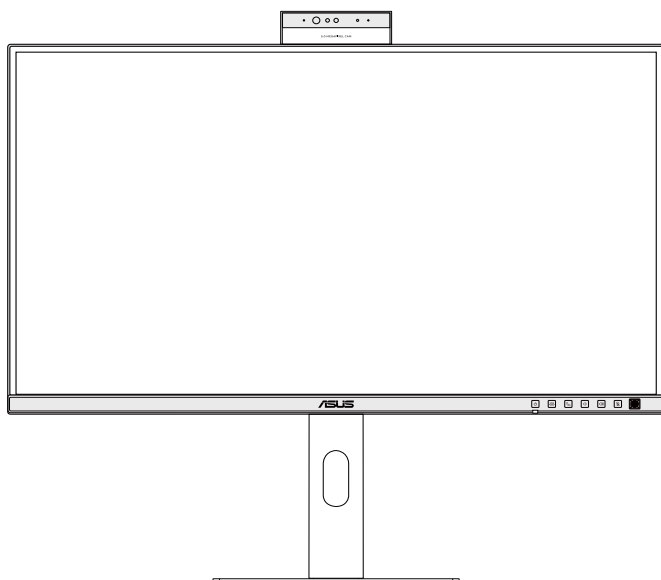




BE27ACGNK

Video Conferencing Monitor

User Guide



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

First Edition

September 2026

Copyright © 2026 ASUSTeK COMPUTER INC. All Rights Reserved.

No part of this manual, including the products and software described in it, may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form or by any means, except documentation kept by the purchaser for backup purposes, without the express written permission of ASUSTeK COMPUTER INC. ("ASUS").

Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification or alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

ASUS PROVIDES THIS MANUAL "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL ASUS, ITS DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGES FOR LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OR DATA, INTERRUPTION OF BUSINESS AND THE LIKE), EVEN IF ASUS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES ARISING FROM ANY DEFECT OR ERROR IN THIS MANUAL OR PRODUCT.

SPECIFICATIONS AND INFORMATION CONTAINED IN THIS MANUAL ARE FURNISHED FOR INFORMATIONAL USE ONLY, AND ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE, AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY ASUS. ASUS ASSUMES NO RESPONSIBILITY OR LIABILITY FOR ANY ERRORS OR INACCURACIES THAT MAY APPEAR IN THIS MANUAL, INCLUDING THE PRODUCTS AND SOFTWARE DESCRIBED IN IT.

Products and corporate names appearing in this manual may or may not be registered trademarks or copyrights of their respective companies, and are used only for identification or explanation and to the owners' benefit, without intent to infringe.

Contents

Contents	iii
Notices	iv
TCO certified	vi
Safety information	vii
Care & Cleaning	x
Takeback Services	xi
Product information for EU energy label	xi
 Chapter 1: Product introduction	
1.1 Welcome!	1-1
1.2 Package contents	1-1
1.3 Monitor introduction	1-2
1.3.1 Front view	1-2
1.3.2 Back view	1-4
1.3.3 Other Function(s)	1-5
 Chapter 2: Setup	
2.1 Assembling the monitor arm/base	2-1
2.2 Detaching the arm/base (for VESA wall mount)	2-2
2.3 Installing the Mini PC Kit	2-3
2.4 Adjusting the monitor	2-4
2.5 Connecting the cables	2-6
2.6 Turning on the monitor	2-6
2.7 Setting up the monitor webcam as default setting	2-7
2.8 Setting up the monitor speaker as default setting	2-11
 Chapter 3: General instructions	
3.1 OSD (On-Screen Display) menu	3-1
3.1.1 How to reconfigure	3-1
3.1.2 OSD function introduction	3-2
3.2 Setting up Windows Hello	3-14
3.3 Specifications summary	3-18
3.4 Outline dimensions	3-20
3.5 Troubleshooting (FAQ)	3-21
3.6 Supported operating modes	3-22

Notices

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- 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.



The use of shielded cables for connection of the monitor to the graphics card is required to assure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

ENERGY STAR complied product



ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

All ASUS products with the ENERGY STAR logo comply with the ENERGY STAR standard, and the power management feature is enabled by default. The monitor and computer are automatically set to sleep after 10 and 30 minutes of user inactivity. To wake your computer, click the mouse or press any key on the keyboard. Please visit <http://www.energystar.gov/powermanagement> for detail information on power management and its benefits to the environment. In addition, please visit <http://www.energystar.gov> for detail information on the ENERGY STAR joint program.



NOTE: Energy Star is NOT supported on FreeDOS and Linux-based operating system.

Canadian Department of Communications 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 class B digital apparatus complies with Canadian ICES-003.

This Class B digital apparatus meets all requirements of the Canadian Interference - Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouiller du Canada.



Software Low Blue Light compliance

ASUS requests every model to pass SW LBL when "Image/ Blue Light Filter" is set to MAX.

Please refer to the following to alleviate eye strains:

- Users should take some time away from the display if working for long hours. It is advised to take short breaks (at least 5 mins) after around 1 hour of continuous working at the computer. Taking short and frequent breaks is more effective than a single longer break.
- To minimize eye strain and dryness in your eyes, users should rest the eye periodically by focusing on objects that are far away.
- Eye exercises can help to reduce eye strain. Repeat these exercises often. If eye strain continues please consult a physician. Eye exercise: (1) Repeating look up and down (2) Slowly roll your eyes (3) Move your eyes diagonal.
- High energy blue light may lead to eye strain and AMD (Age-Related Macular Degeneration). Blue light Filter to reduce 70% (max.) harmful blue light to avoiding CVS (Computer Vision Syndrome).

Blue Light Filter set to MAX. It is in compliance with TÜV Rheinland low blue light Software Solution certification.

Flicker-Free technology

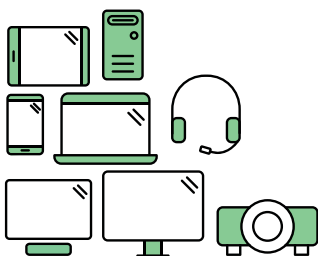
The Monitor adopts Flicker-Free technology, which clears the eye visible flicker, brings comfort viewing experience and preventing users suffer from eye strain and fatigue.

TCO certified

A third-party certification according to ISO 14024



Toward sustainable IT products



Say hello to a more sustainable product

IT products are associated with a wide range of sustainability risks throughout their life cycle. Human rights violations are common in the factories. Harmful substances are used both in products and their manufacture. Products can often have a short lifespan because of poor ergonomics, low quality and when they are not able to be repaired or upgraded.

This product is a better choice. It meets all the criteria in TCO Certified, the world's most comprehensive sustainability certification for IT products. Thank you for making a responsible product choice, that help drive progress towards a more sustainable future!

Criteria in TCO Certified have a life-cycle perspective and balance environmental and social responsibility. Conformity is verified by independent and approved verifiers that specialize in IT products, social responsibility or other sustainability issues. Verification is done both before and after the certificate is issued, covering the entire validity period. The process also includes ensuring that corrective actions are implemented in all cases of factory non-conformities. And last but not least, to make sure that the certification and independent verification is accurate, both TCO Certified and the verifiers are reviewed regularly.

Want to know more?

Read information about TCO Certified, full criteria documents, news and updates at tcocertified.com. On the website you'll also find our Product Finder, which presents a complete, searchable listing of certified products.

Safety information

- Before setting up the monitor, carefully read all the documentation that came with the package.
- To prevent fire or shock hazard, never expose the monitor to rain or moisture.
- Never try to open the monitor cabinet. The dangerous high voltages inside the monitor may result in serious physical injury.
- If the power supply is broken, do not try to fix it by yourself. Contact a qualified service technician or your retailer.
- Before using the product, make sure all cables are correctly connected and the power cables are not damaged. If you detect any damage, contact your dealer immediately.
- Slots and openings on the back or top of the cabinet are provided for ventilation. Do not block these slots. Never place this product near or over a radiator or heat source unless proper ventilation is provided.
- The monitor should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
- Use the appropriate power plug which complies with your local power standard.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- Avoid dust, humidity, and temperature extremes. Do not place the monitor in any area where it may become wet. Place the monitor on a stable surface.
- Unplug the unit during a lightning storm or if it will not be used for a long period of time. This will protect the monitor from damage due to power surges.
- Never push objects or spill liquid of any kind into the slots on the monitor cabinet.
- To ensure satisfactory operation, use the monitor only with UL listed computers which have appropriate configured receptacles marked between 100-240V AC.
- By means of a power cord connected to a socket-outlet with earthing connection.
- If you encounter technical problems with the monitor, contact a qualified service technician or your retailer.
- Adjustment of the volume control as well as the equalizer to other settings than the center position may increase the ear-/headphones output voltage and therefore the sound pressure level.
- This equipment is not suitable for use in locations where children are likely to be present.

WEEE compliance

The Waste Electrical and Electronic Equipment (WEEE) Directive (Directive 2012/19/EU) is a European Union law that aims to reduce the environmental impact of electrical and electronic equipment. It mandates producers to take responsibility for the end-of-life management of their products, promoting collection, treatment, and recycling to minimize waste and encourage resource recovery.

Do not throw your Electronic and electrical equipment in municipal waste.

The symbol of the crossed-out wheeled bin on the product or packaging indicates that this product (including any batteries it contains), must not be disposed of with your household waste.

To prevent potential harm to the environment and human health, a collection framework should be used to return, recycle, and recover waste electrical and electronic equipment (WEEE), and this product has been designed to enable the reuse of parts and facilitate the recycling of certain materials.

Improper disposal may involve risks due to the presence of hazardous substances within electrical and electronic equipment, such as lead and BFR and other harmful components.

Check your local recycling services for electronic products.

(<https://esg.asus.com/en/circular-economy/resource-regeneration/global-take-back-service>)

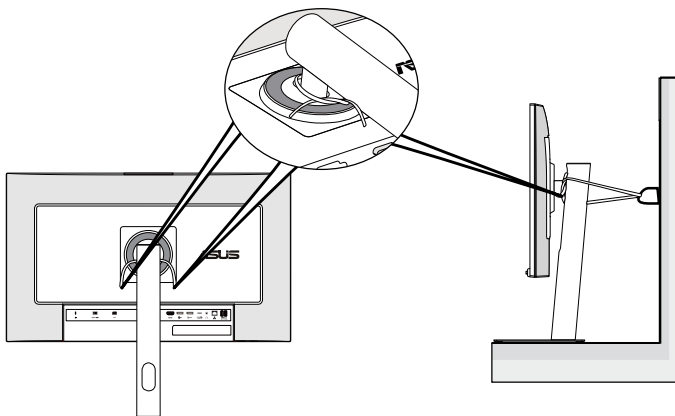


New Mexico PFAS Labeling



Prevent Tipping

When using the display, fasten the LCD to a wall using a cord or chain that can support the weight of the monitor in order to prevent the monitor from falling.



- Installing must be done by a qualified technician , and please contact your supplier for more information.
- For the Models with net weight $\geq 7\text{kg}$. Please select the suitable way to Prevent Tipping.
- Please use the method which picture shown to tie the cord or chain to the stand and then fix it to the wall.

Care & Cleaning

- Before you lift or reposition your monitor, it is better to disconnect the cables and power cord. Follow the correct lifting techniques when positioning the monitor. When lifting or carrying the monitor, grasp the edges of the monitor. Do not lift the display by the stand or the cord.
- Cleaning. Turn your monitor off and unplug the power cord. Clean the monitor surface with a lint-free, non-abrasive cloth. Stubborn stains may be removed with a cloth dampened with mild cleaner.
- Avoid using a cleaner containing alcohol or acetone. Use a cleaner intended for use with the monitor. Never spray cleaner directly on the screen, as it may drip inside the monitor and cause an electric shock.

The following symptoms are normal with the monitor:

- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- When the same image is displayed for hours, an afterimage of the previous screen may remain after switching the image. The screen will recover slowly or you can turn off the Power Switch for hours.
- When the screen becomes black or flashes, or cannot work anymore, contact your dealer or service center to fix it. Do not repair the screen by yourself!

Conventions used in this guide



WARNING: Information to prevent injury to yourself when trying to complete a task.



CAUTION: Information to prevent damage to the components when trying to complete a task.



IMPORTANT: Information that you **MUST** follow to complete a task.



NOTE: Tips and additional information to aid in completing a task.

Where to find more information

Refer to the following sources for additional information and for product and software updates.

1. ASUS websites

The ASUS websites worldwide provide updated information on ASUS hardware and software products. Refer to <http://www.asus.com>

2. Optional documentation

Your product package may include optional documentation that may have been added by your dealer. These documents are not part of the standard package.

Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for our customers to be able to responsibly recycle our products, batteries and other components as well as the packaging materials.

Please go to <http://csr.asus.com/english/Takeback.htm> for detail recycling information in different region.

Product information for EU energy label



BE27ACGNK

1.1 Welcome!

Thank you for purchasing the ASUS® LCD monitor!

The latest widescreen LCD monitor from ASUS provides a broader, brighter and crystal-clear display, plus a host of features that enhance your viewing experience.

With these features, you can enjoy the convenience and delightful visual experience that the monitor brings to you!

1.2 Package contents

Check your package for the following items:

- ✓ LCD monitor
- ✓ Monitor base
- ✓ Quick start guide
- ✓ Warranty card
- ✓ Power cord
- ✓ HDMI cable
- ✓ DisplayPort cable
- ✓ USB C to C cable
- ✓ MiniPC kit(optional)



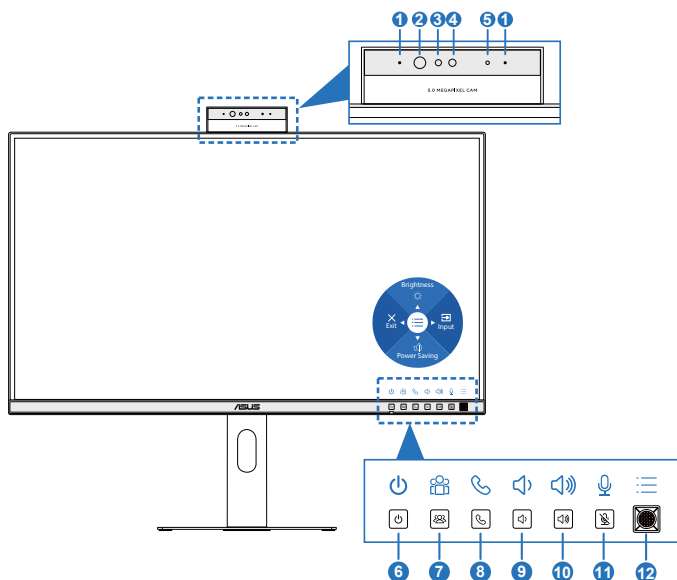
If any of the above items is damaged or missing, contact your retailer immediately.



If you need to replace the power cord or the connection cable(s), please contact ASUS customer service.

1.3 Monitor introduction

1.3.1 Front view



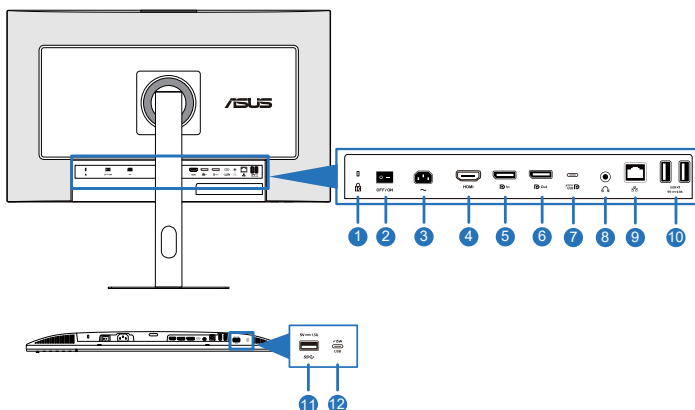
1. Microphones:
 - Monitor microphones (Mic).
 - Mic is enabled when the webcam & Mic module is popped up.
 - Mic is disabled when the module is retracted.
2. IR LED: Indicator of infrared (IR).
3. IR Camera: Supports facial data through infrared sensing, which is utilized by Windows Hello for secure biometric authentication via facial recognition login.
4. RGB Webcam:
 - Transmits your image in a video conference.
 - Webcam is enabled when the webcam & mic module is popped up.
 - Webcam is disabled when the module is retracted.
5. Webcam LED indicator: Indicator of Webcam. It will light up in white when webcam is in use.

6.  Power button/power indicator
- The color definition of the power indicator is as the below table.

Status	Description
White	On
Amber	Standby mode
Off	Off

7.  Conference button: To enable or disable the Teams function.
8.  Hook button: To answer or end a voice/video call.
9.  Volume down button
10.  Volume up button
11.  Microphone Mute button: To mute or unmute the microphone.
12.  Menu (5-way) button:
- Press this button to display the OSD menu when the OSD is off. Press this button again to enter the OSD main menu.
 - Enacts the selected OSD menu items.
 - Increases/Decreases values or moves your selection up/down/left/right.
 - Push the 5-way button down for over 5 seconds to toggle the Key Lock function between on and off.

1.3.2 Back view



1. **Kensington lock slot.**
2. **Power switch:** Press the switch to turn on/off power.
3. **AC-IN port:** This port connects the power cord.
4. **HDMI port:** This port is for connection with an HDMI compatible device.
5. **DisplayPort in:** This port is for connection with a DisplayPort compatible device.
6. **Daisy-Chain DisplayPort output:** This port allows you to connect multiple DisplayPort compatible monitors.
7. **USB 3.2 Gen 1 Type-C:** This port is for connection with a USB upstream cable. The connection supports DP alt mode and USB power and data delivery(Maximum resolution: 2560 x 1440@ 120Hz).



This monitor is Super-Speed USB 3.2 Gen 1 compatible(5Gbps). The port offer 96W power delivery with output voltage of 5V/3A, 9V/3A, 15V/3A, 20V/4.8A.

8. **Earphone jack:** This port is only available when an HDMI/DisplayPort/USB Type-C cable is connected.
9. **RJ45:** This port is for connecting Internet.
10. **USB 3.2 Gen 1 Type-A:** These ports are for connection with USB devices, such as USB keyboard/mouse, USB flash drive, etc.
11. **USB 3.2 Gen 1 Type-A:** These ports are for connection with USB devices, such as USB keyboard/mouse, USB flash drive, etc.
12. **USB3.2 Gen 1 Type-C:** This port is for downstream connection with USB devices, such as USB keyboard/mouse, USB flash drive, etc.

1.3.3 Other Function(s)

1. Daisy chaining (for selected models)

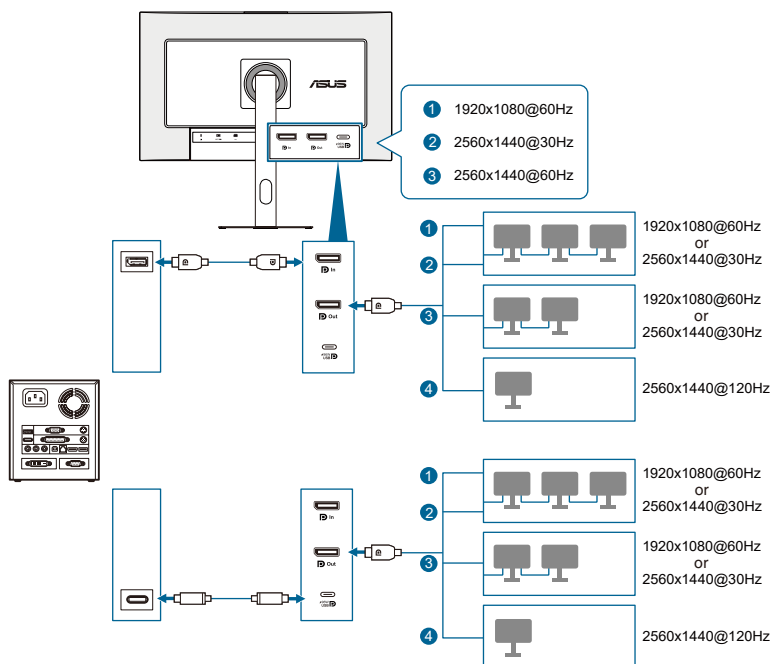
The monitor supports daisy chain on DisplayPort and USB Type-C. Daisy Chaining allows up to 4 monitors to be connected in series with the video signal being passed from the source to a monitor (when the input source is 2560 x 1440 @60Hz and no USB-C device is connected). In order to enable daisy chaining, please make sure the source transported.



To activate this function, you need to do the following: When MST or SST mode is On, turn off HDR mode.



This function is only available when DisplayPort Stream in the OSD menu is DisplayPort 1.2 and Auto Source Detection is OFF. Also, your computer graphics card must be certified to at least DP1.2 with MST option. If you set DisplayPort Stream to DisplayPort 1.1, all the connected monitor will display the same content at the same time (clone).



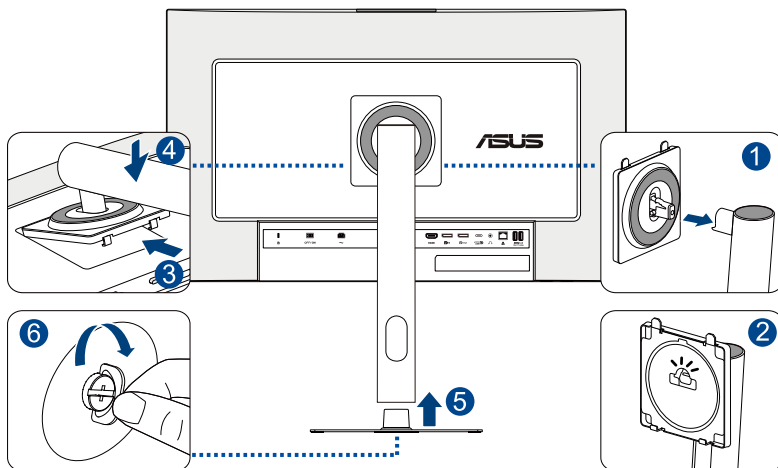
2.1 Assembling the monitor arm/base

To assemble the monitor base:

1. Attach the arm into the VESA cover.
2. With the sound "tick" that they complete assemble.
3. Have the front of the monitor face down on a table, slide the tabs on the arm into the slots on the VESA cover.
4. Press down the arm assembly to snap it into place.
5. Attach the base into the arm, making sure the tab on the arm fits into the groove on the base.
6. Fix the base to the arm by fastening the bundled screw.



We recommend that you cover the table surface with soft cloth to prevent damage to the monitor.



Base screw size: M6 x 15 mm.



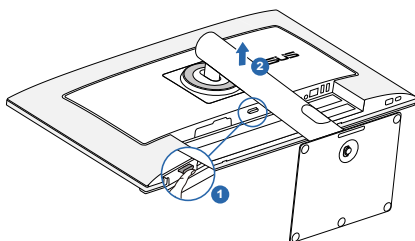
Note: We recommend using the provided stand or a compatible monitor arm. When using a wall mount, please avoid excessive tilt angles, as this may affect stability.

2.2 Detaching the arm/base (for VESA wall mount)

The detachable arm/base of this monitor is specially designed for VESA wall mount.

To detach the arm/base:

1. Have the front of the monitor face down on a table.
2. Press the release button, and then detach the arm/base from the monitor.



We recommend that you cover the table surface with soft cloth to prevent damage to the monitor.



-
- The VESA wall mount kit (100 x 100 mm) is purchased separately.
 - Use only with UL/CSA/GS Listed Wall Mount Bracket with minimum weight/load bearing capacity of 5.93 kg (13.08 lb) (Screw size: M4 x 11 mm).
-

2.3 Installing the Mini PC Kit

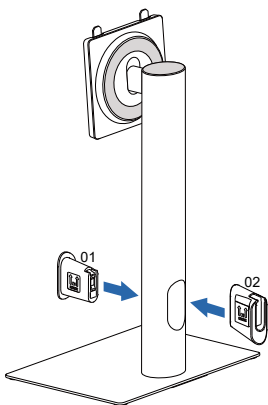
The installation method is as follows:

1. Install MTK-01 and 02 into the wire slot of the bracket (Figure 1).

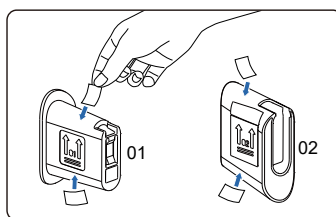


If there is any noticeable shaking after assembly, it is recommended to apply mylar sticker to the kit adapters (01/02) to improve stability (Figure 2).

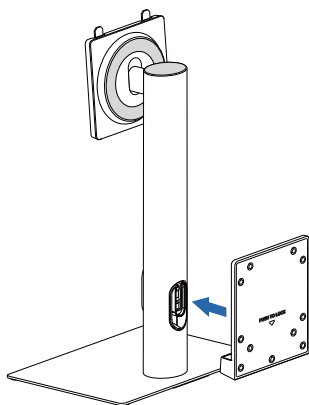
2. Install the Mini PC Kit to the Column with hook (Figure 3).
3. Put the Mini PC Kit down to lock them up (Figure 4).



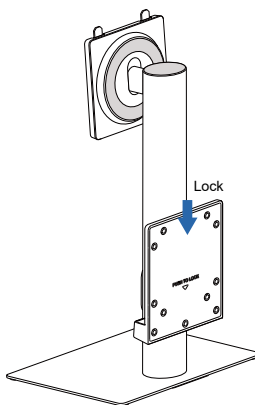
(Figure 1)



(Figure 2)



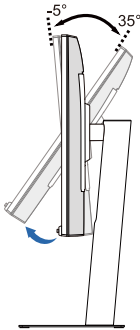
(Figure 3)



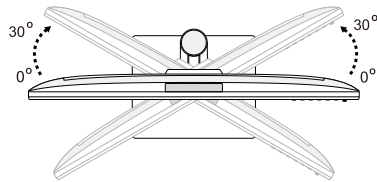
(Figure 4)

2.4 Adjusting the monitor

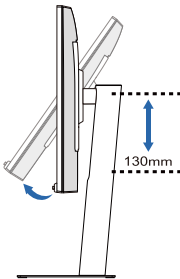
- For optimal viewing, we recommend that you look at the full face of the monitor, then adjust the monitor to the angle that is most comfortable for you.
- Hold the stand to prevent the monitor from falling when you change its angle.
- You can adjust the monitor's angle from $+35^\circ$ to -5° , $\pm 30^\circ$ swivel adjustment from either left or right, and it allows $\pm 90^\circ$ pivot adjustment. You can also adjust the monitor's height within ± 130 mm.



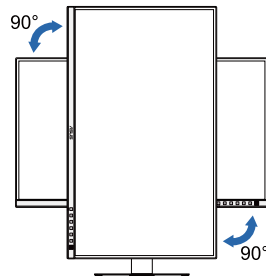
(Tilt)



(Swivel)



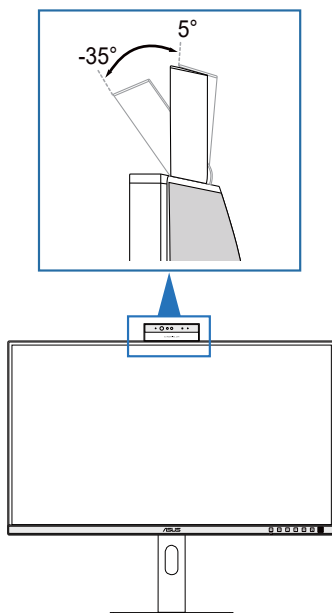
(Height adjustment)



(Pivot)

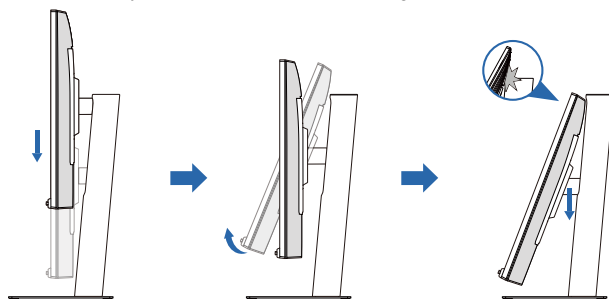
Adjusting the webcam:

- You can adjust the webcam's angle from -35° to $+5^{\circ}$.



To adjust the monitor's height, you need to do the following:

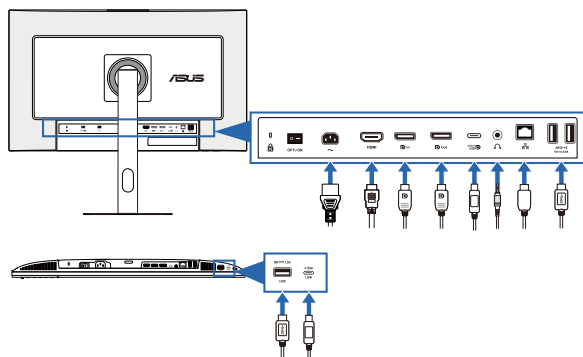
- Make the monitor straightly downward firstly.
- Tilt the monitor to the maximum angle.
- You can adjust the monitor to minimum height.



It is normal that the monitor slightly shakes while you adjust the viewing angle.

2.5 Connecting the cables

Connect the cables as the following instructions:



- **To connect the power cord:** Connect one end of the power cord securely to the monitor's AC input port, the other end to a power outlet.
- **To use the HDMI port:** Connects the HDMI cable to a source device such as a computer or game console.
- **To use the DisplayPort connector:** Connects the DisplayPort cable to a source device, such as a computer or game console.
- **To use the USB-C ports:** Connect the USB-C cable to a source device such as a computer or game console. The USB-C. Power delivery 20V/4.8A, 15V/3A, 9V/3A, 5V/3A.
- **To use the earphone:** Connect the end with plug type to the monitor's earphone jack when an HDMI/DisplayPort/USB-C signal is fed.
- **To use the RJ45:** Connects a network cable.
- **To use the USB 3.2 Gen 1 ports:** Connect a USB cable to a peripheral device, such as a keyboard, mouse, or USB hard drive.



When these cables are connected, you can choose the desired signal from the **Input** item in the OSD menu.



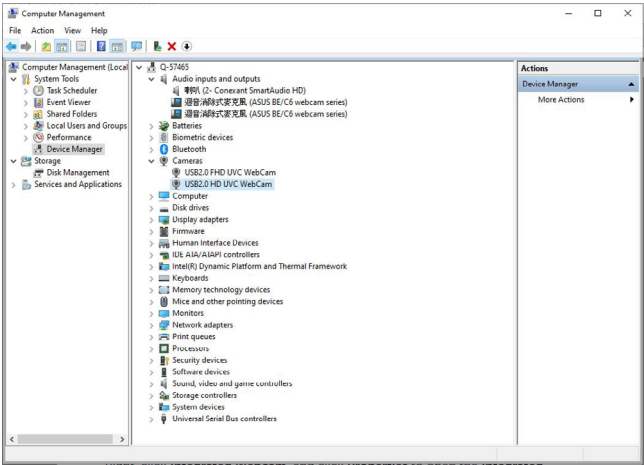
If you need to replace the power cord or the connection cable(s), please contact ASUS customer service.

2.6 Turning on the monitor

Press the power button . See page 1-2 for the location of the power button. The power indicator  lights up in white to show that the monitor is ON.

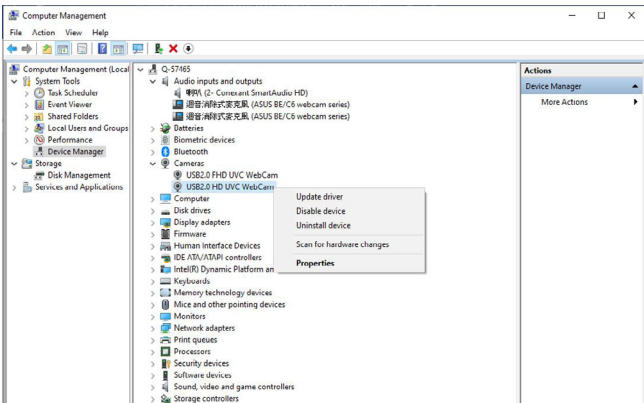
2.7 Setting up the monitor webcam as default setting

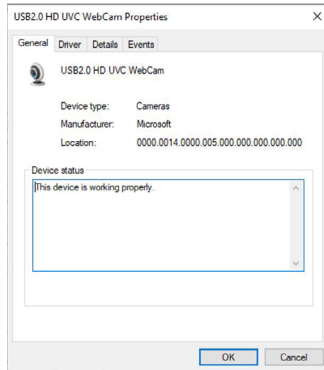
When using a notebook with built-in webcam to connect this monitor, in the device manager interface, you can find the notebook built-in webcam and the monitor webcam. Normally, they are in enable status, and the default setting is using notebook built-in webcam.



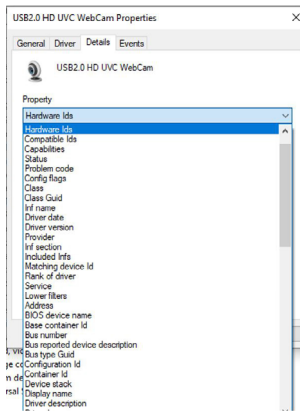
If you want to set up the monitor webcam as default setting, you need disable the notebook built-in webcam. To identify the notebook built-in webcam and disable it, please follow below instructions:

Right-click **USB2.0 HD UVC WebCam**, and click **Properties** to open the **USB2.0 HD UVC WebCam**.

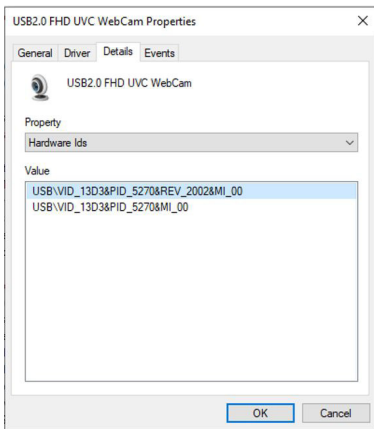
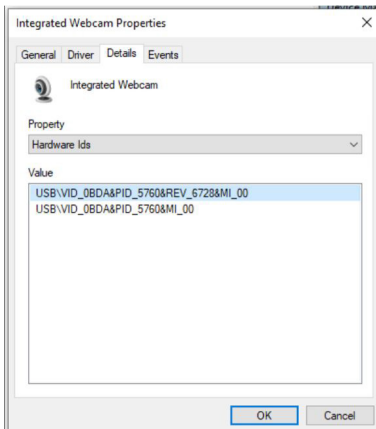




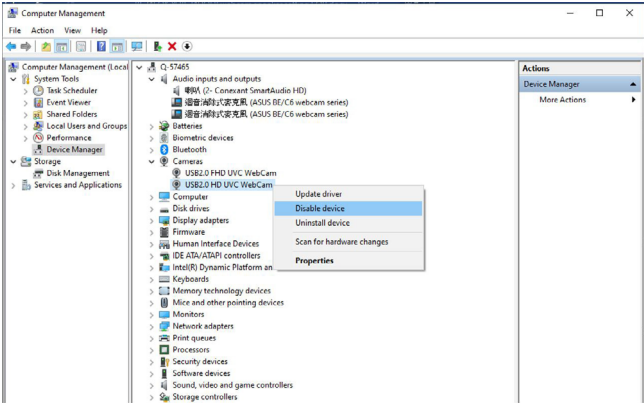
Click **Details** > **Property** and select **Hardware Ids**.



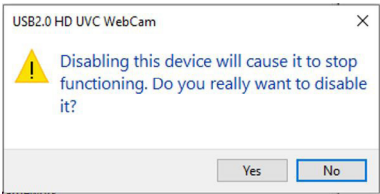
For **BE27ACGNK** the monitor webcam hardware ids will show as below:



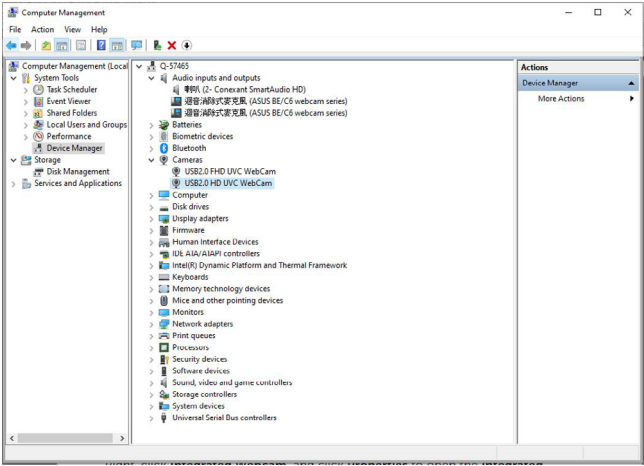
Right click the **notebook webcam** which has different hardware ids of the **BE27ACGNK** monitor webcam, and then click **Disable**.



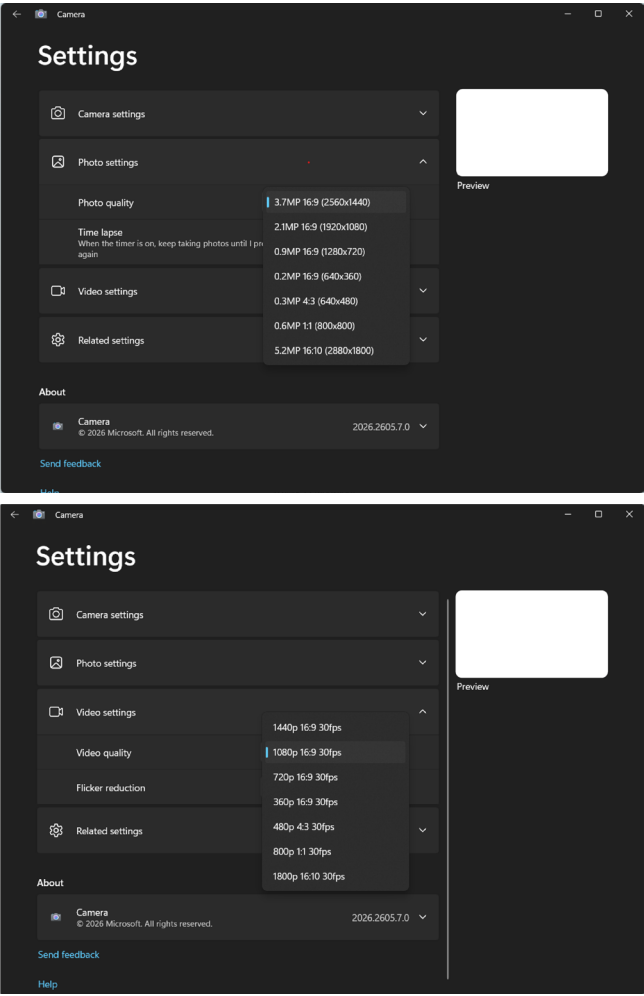
The following message is displayed:



Click **Yes**. The notebook webcam is now disabled and the monitor webcam will be used as the default setting. Restart the notebook.



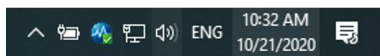
The webcam's default photo resolution is 2560×1440 and the default video resolution is 1080p. To change the resolutions, open Microsoft Camera and go to Settings (upper-left corner), then adjust the **Photo resolution** or **Video resolution** options as needed.



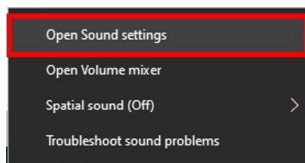
2.8 Setting up the monitor speaker as default setting

When your computer connects multiple speakers, if you want to set up the monitor speaker as default setting, please follow below instructions:

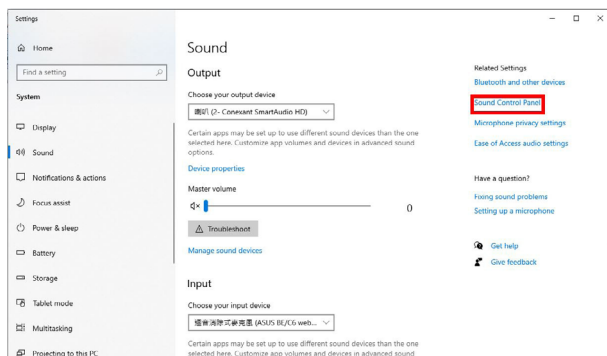
Right-click **Volume** in the Windows task bar notification area.



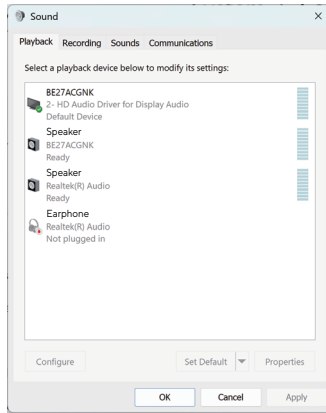
Click **Open Sound settings** enter to **Sound** setting interface.



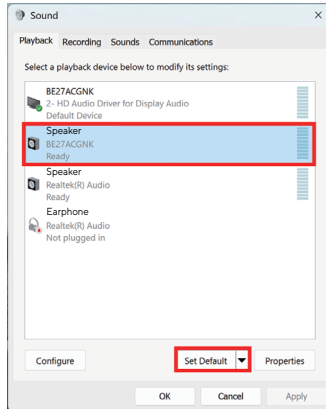
Enter **Sound** setting interface then select **Sound Control Panel**.



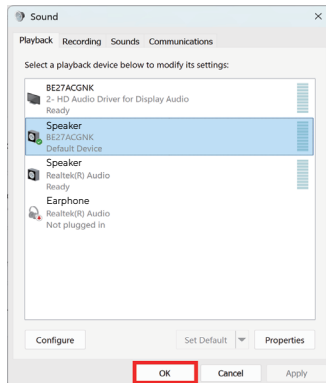
If the USB cable and the HDMI or DP cable are connected from monitor to the computer,



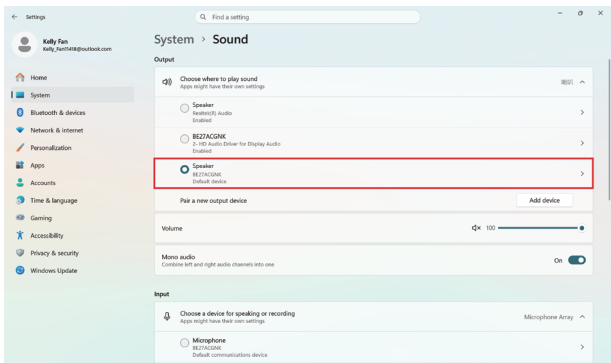
Click **ASUS BE27ACGNK USB mode Set Default**, the monitor speaker will be used as the default setting.



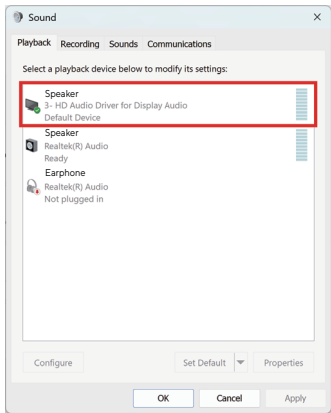
Click **OK** to exit the **Sound** setting.



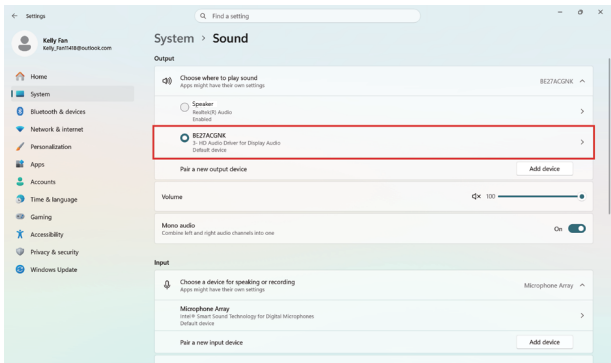
Sound setting set the **BE27ACGNK USB mode** as default.



If the Only HDMI or DP cable are connected from monitor to the computer, check **ASUS BE27ACGNK Monitor Set Default**, the monitor speaker will be used as the default setting.

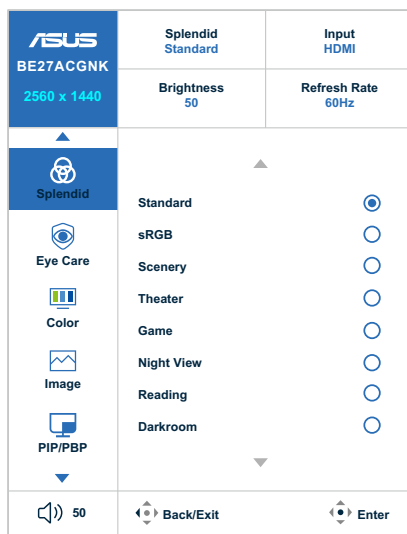


Sound setting set the **ASUS BE27ACGNK** as default.



3.1 OSD (On-Screen Display) menu

3.1.1 How to reconfigure

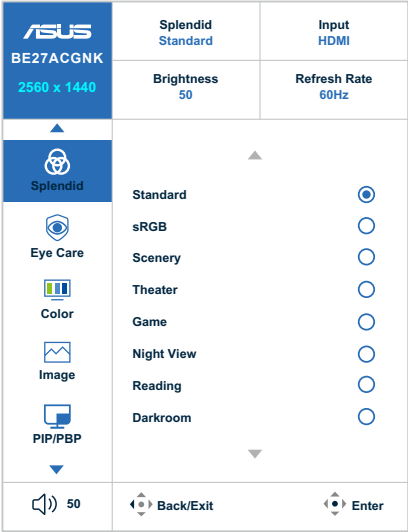


1. Press any button to display the OSD menu.
2. Press the  Menu (5-way) button to enter the OSD main menu.
3. Move the  Menu (5-way) button up/down/left/right to navigate through the functions. Highlight the desired function and press the  Menu (5-way) button to activate it. If the function selected has a sub-menu, move the  Menu (5-way) button up/down to navigate through the sub-menu functions. Highlight the desired sub-menu function and press the  Menu (5-way) button or move the  Menu (5-way) button to activate it.
4. Move the  Menu (5-way) button up/down to change the settings of the selected function.
5. To exit and save the OSD menu, press the  button or move the  Menu (5-way) left repeatedly until the OSD menu disappears. To adjust other functions, repeat steps 1-4.

3.1.2 OSD function introduction

1. Splendid

This function contains 8 sub-functions you can select for your preference. Each mode has the Reset selection, allowing you to maintain your setting or return to the preset mode.



- **Standard:** Best choice for document editing with Splendid Video Enhancement.



Standard Mode meets Energy Star® requirements.

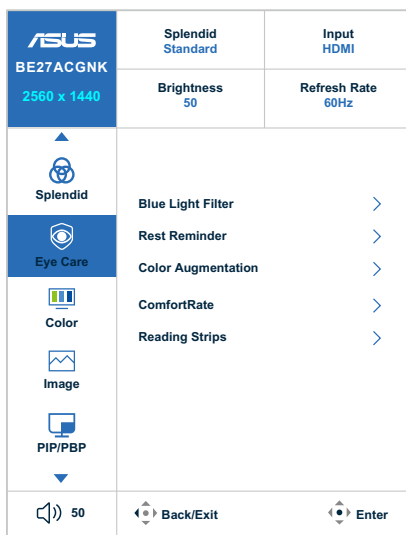
- **sRGB:** Best choice for viewing photos and graphics from PCs.
- **Scenery:** Best choice for scenery photo display with Splendid Video Enhancement.
- **Theater:** Best choice for movies with Splendid Video Enhancement.
- **Game:** Best choice for game playing with Splendid Video Enhancement.
- **Night View:** Best choice for dark-scene games or movies with Splendid Video Enhancement.
- **Reading:** This is the best choice for book reading.
- **Darkroom:** This is the best choice for a weak ambient light environment.



- In the Standard mode, the following function(s) are not user-configurable: Saturation, Sharpness, ASCR.
- In the sRGB mode, the following function(s) are not user-configurable: Brightness, Contrast, Saturation, Color Temp., Sharpness, ASCR.
- In the Reading mode, the following function(s) are not user-configurable: Contrast, Saturation, Color Temp., ASCR.

2. Eye Care

In this function, you can adjust settings to better protect your eyes.



- **Blue Light Filter:** In this function, you can adjust the blue light filter from 0 to Max.
 - * **0:** No change.
 - * **Max:** The higher the level, the less blue light is scattered. When blue light filter is activated, the default settings of Standard Mode will be automatically imported. Besides maximum level, the brightness is user-configurable. Maximum is the optimized setting. The brightness function is not user configurable.



Please refer to the following to alleviate eye strains:

- Users should take some time away from the display if working for long hours. It is advised to take short breaks (at least 5 mins) after around 1 hour of continuous working at the computer. Taking short and frequent breaks is more effective than a single longer break.
 - To minimize eye strain and dryness in your eyes, users should rest the eye periodically by focusing on objects that are far away.
 - Eye exercises can help to reduce eye strain. Repeat these exercises often. If eye strain continues please consult a physician. Eye exercises: (1) Repeating look up and down (2) Slowly roll your eyes (3) Move your eyes diagonal.
 - High energy blue light may lead to eye strain and AMD (Age-Related Macular Degeneration). Blue light filter to reduce 70% (max.) harmful blue light to avoid CVS (Computer Vision Syndrome) when the user adjusts blue light filter bar to maximum level.
-

- **Rest Reminder:** This function provides you a rest reminder according to how long you set for your working time. For example, if you set a 30-minute working time and there will be a pop up reminder appeared on the upper left corner of the monitor for 5 seconds when time is up. Press any key to make this reminder OSD disappear.



When this function is enabled, the following functions are not available: Splendid Demo Mode, QuickFit.

- **Color Augmentation:** The adjusting range of color enhancement is from 0 to 100.



This function is not available when sRGB Mode is selected in the Splendid menu.

- **ComfortRate:** Designed to enhance your viewing experience by stabilizing the refresh rate with in a specified range.



To enable comfortRate, Adaptive Sync need to be enable.

- **Reading Strips:** Enhancing visual focus and tracking through a monitor colored transparent window to minimize distractions and eye strain for a smoother reading experience.



Mode 1 : Fixed focus strip mode.

- Up/Down Key: To adjust position.
 - Right/Left Key: To adjust strip height.
-



Mode 2 : Auto moved strip mode.

- Up/Down Key: to adjust speed of movement.
- Right/Left Key: to adjust strip height.

3. Color

Set a desired color setting from this menu.

ASUS BE27ACGNK 2560 x 1440	Splendid Standard	Input HDMI
	Brightness 50	Refresh Rate 60Hz
▲ Splendid	Brightness 100 Contrast 80 Saturation 50 Color Temp. >	
Eye Care		
Color		
Image		
PIP/PBP		
▼		
50	Back/Exit	Enter



- **Brightness:** The adjusting range is from 0 to 100.
- **Contrast:** The adjusting range is from 0 to 100.
- **Saturation:** The adjusting range is from 0 to 100.
- **Color Temp.:** Contains 4 modes including **Cool**, **Normal**, **Warm** and **User Mode**.

4. Image

Set the image related setting from this menu.

<div>ASUS</div> <div>BE27ACGNK</div> <div>2560 x 1440</div>	Splendid Standard	Input HDMI
	Brightness 50	Refresh Rate 60Hz
▲	<div>Splendid</div> <div>Sharpness 0 ></div> <div>Trace Free 60 ></div> <div>Aspect Control ></div> <div>ASCR ☐</div> <div>Adaptive Sync ☒</div> <div>HDR ></div>	
		
		
		
		
		
▼		
 50	 Back/Exit	 Enter



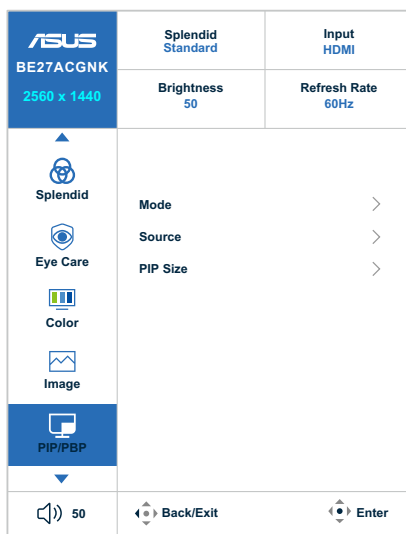
- **Sharpness:** The adjusting range is from 0 to 100.
- **Trace Free:** Adjusts the response time of the monitor.
- **Aspect Control:** Adjusts the aspect ratio to **Full**, **1:1 Ratio** or **Dot to Dot**.
- **ASCR:** Turns on/off the ASCR (ASUS Smart Contrast Ratio) function.
- **Adaptive Sync:** It can allow a Adaptive Sync supported graphics source to dynamically adjust display refresh rate based on typical content frame rates for power efficient, virtually stutter free and low-latency display update.



This function is not available when Motion Sync is enabled.

- **HDR:** High Dynamic Range. Contains 2 HDR modes.

5. PIP/PBP Setting



- **Mode:** Selects **PIP**, **PBP** function, or turn it off.



To scale both displays to full screen in PBP mode, set resolution settings for both as 1280 x 1440 in OS display settings. (And make sure that the scaling option is "Maintain Display Scaling" if you are using an Intel graphic card.)

- **Source:** Selects the video input source from among **HDMI**, **DisplayPort** and **USB-C**.
- **PIP Size:** Adjusts the PIP size to **Small**, **Medium** or **Large** (Only available for the PIP mode).

6. Input

In this function, you can select your desired input source.

<div>ASUS</div> <div>BE27ACGNK</div> <div>2560 x 1440</div>	Splendid Standard	Input HDMI
	Brightness 50	Refresh Rate 60Hz
▲	<div>HDMI☒</div> <div>DisplayPort☐</div> <div>USB-C☐</div> <div>Auto Detection☐</div>	
<div>➡</div> <div>Input</div>		
<div>⚙️</div> <div>Settings</div>		
<div>↪️</div> <div>Shortcut</div>		
▼		
<div>🔊</div> 50	<div>⬅️</div> Back/Exit	<div>➡️</div> Enter



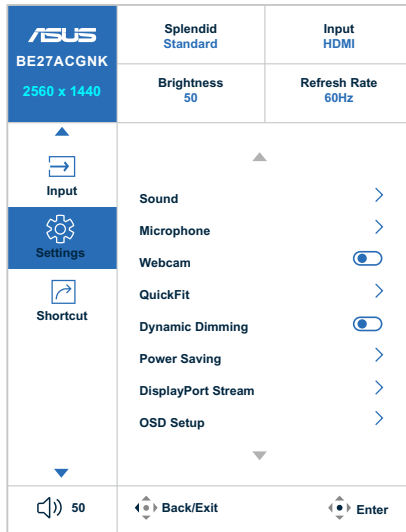
- **Auto Detection:** automatically detects other active signals when current input signal is inactive.



To activate this function, you need to do the following: remove the connection of Daisy-Chain DisplayPort output (to disable MST output).

7. Settings

Allows you to adjust the system.



● Sound:

- * Adjusts **Volume** from 0 to 100.
- * **Mute** or **un-Mute** the audio output.
- * Select audio input from PIP/PBP **Source**.



To activate Source function, you need to do the following: turn on PIP/PBP.

- **Microphones:** To enable or disable the Microphones function.
- **Webcam:** To enable or disable the webcam function.
- **QuickFit:** You can have a preview of the document or photo layout directly on screen without printing test copies.
- **Dynamic Dimming:** Synchronizes with contents while contrast changing to execute backlight dynamic dimming. You can adjust the synchronization speed as "**On**" or "**Off**".
- **Power Saving:** Select **Normal Level** for power on hub during power saving. Select **Deep Level** for power off hub during power saving.



To activate daisy chaining, you need to do the following: set Power Saving to Normal Level. Note: Input port will be fixed (no auto detection) when DP out cable is plugged.

- **DisplayPort Stream:** Compatibility with graphic card. Select **DisplayPort 1.2**, **DisplayPort 1.4** or **DisplayPort 1.4 + USB 3.2** by graphic card DP version.



To activate daisy chaining, you need to do the following: set Power Saving to Normal Level. Note: Input port will be fixed (no auto detection) when DP out cable is plugged.

- **OSD Setup:**
 - * Adjusts the **OSD Timeout** from 10 to 120 seconds.
 - * Enables or disables the **DDC/CI** function.
 - * Adjusts the OSD background from **Opaque** to **Transparent**.
- **Language:** There are 23 languages for your selection, including English, French, German, Italian, Spanish, Dutch, Portuguese, Russian, Czech, Croatian, Polish, Romanian, Hungarian, Turkish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Thai, Indonesian, Persian, Ukrainian, Vietnamese.
- **ASUS Power Sync:** Enables or disables the ASUS Power Sync function. To activate this function, you can use the remote control to connect the device to the monitor via an HDMI port.

 BE27ACGNK 2560 x 1440	Splendid Standard	Input HDMI
	Brightness 50	Refresh Rate 60Hz
▲ Input	Setting>ASUS Power Sync ▲ Language > ASUS Power Sync ☒ Key Lock ☒ Information > Power Indicator ☒ Power Key Lock ☒ All Reset > ▼	
 Settings		
 Shortcut		
▼		
50	◀▶ Back/Exit	▶▶ Enter

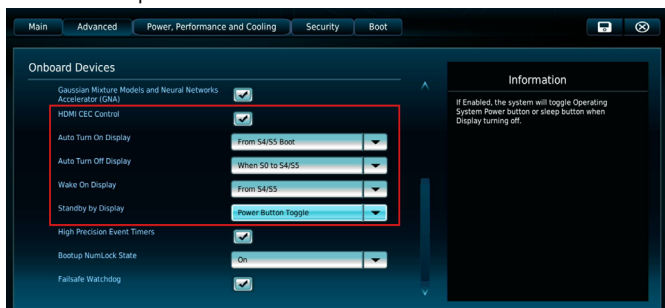




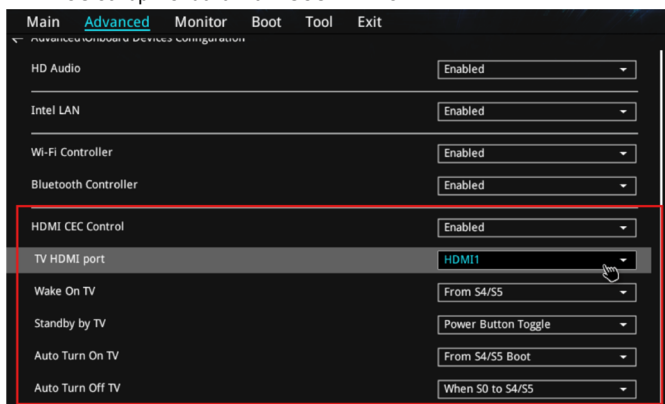
Please take a look at the ASUS website to check which devices are compatible with this function.

To enable monitor to turn on and off the hardware or vise versa, please set up your computer BIOS by the following.

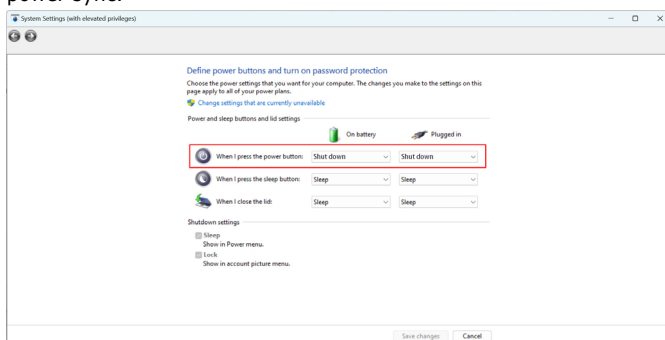
- BIOS set up instruction for ASUS NUC:



- BIOS set up instruction for ASUS Mini PC:



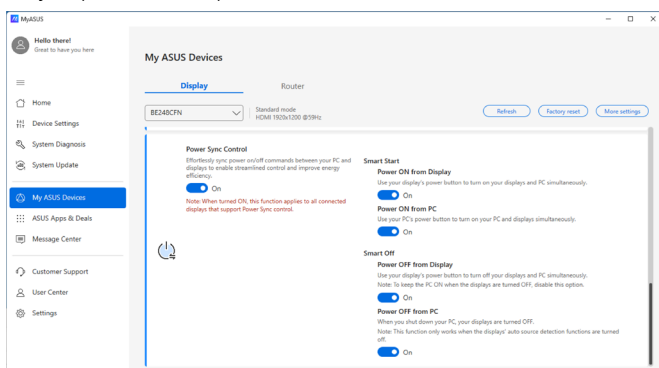
Please setup the power options as under in Windows OS to enable power sync.



How to set up ASUS Power Sync

Follow these steps to set up ASUS Power Sync:

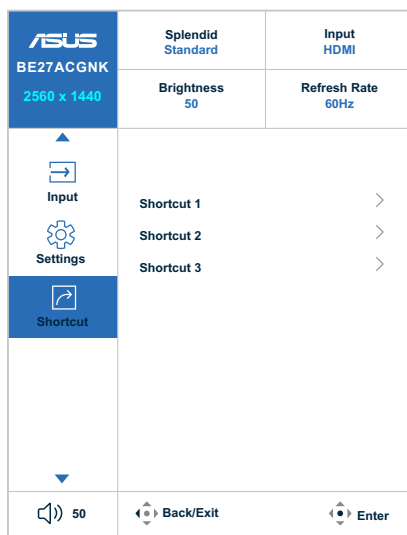
- **Checking Hardware Compatibility:** Ensure you have a compatible ASUS NUC (e.g., NUC 11, NUC 12, or other models supporting ASUS power sync) and (via HDMI CEC). A list of compatible devices can be found at the end of this guide.
- **Connect Cables:** Connect your ASUS NUC to the monitor using an HDMI cable (version 1.2 or higher). Make sure all other required cables (power, keyboard, mouse, etc.) are properly connected.
- **Adjust Monitor Settings:** Check your monitor's on-screen display (OSD) menu. Navigate to System Setup and enable the ASUS Power Sync (or HDMI CEC) function.



- **Enable ASUS Power Sync in the MyASUS app:** Launch the "MyASUS" software on your ASUS NUC. Click on the "My ASUS Devices" button located on the left side. In the "Display" tab, make sure the targeting monitor model name exists in the dropdown menu and jump to Power Sync Control section. Enable Power Sync Control" and any sub-items that fit your preferences. When enabled, the toggle button will turn blue, indicating the feature is active.
- **Adjust the Power Button Settings in Windows:** Open the "Control Panel" and select "Power Options." Click on "Choose what the power buttons do" located on the top-left side. Select "Shut down" from the power button setting. This will define the action triggered by the monitor's power button when using ASUS Power Sync.
- **Key Lock:** To disable all function keys. Push the 5-way button down for over 5 seconds to cancel the key lock function.
- **Information:** Shows the monitor information.
- **Power Indicator:** Turns the power LED indicator on/off.
- **Power Key Lock:** Enables or disables the power key.
- **All Reset:** "Yes" allows you to restore the default settings.

8. Shortcut

Defines the functions for Shortcut 1, 2 and 3 buttons.



- **Shortcut 1/Shortcut 2/Shortcut 3:** Selects a function for Shortcut 1, 2 and 3 buttons.

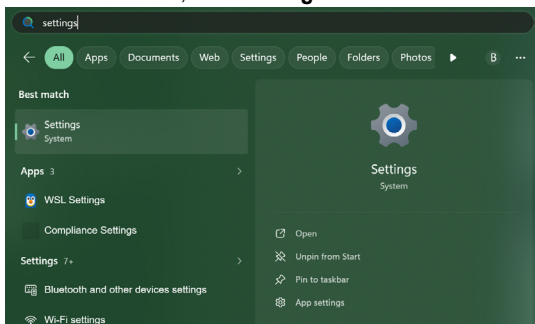


When a certain function is selected or activated, your shortcut key may not support. Available function choices for shortcut: Blue Light Filter, Splendid, Brightness, PIP/PBP Setting, Contrast, Input, Color Temp., Volume, QuickFit, Rest Reminder, Color Augmentation, Energy Saving.

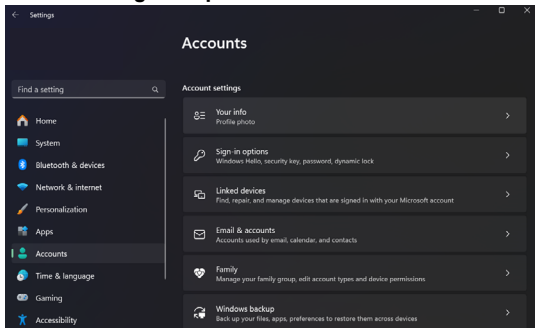
3.2 Setting up Windows Hello

In Windows® 10/Windows® 11:

1. Open Windows start menu, click **Settings**.

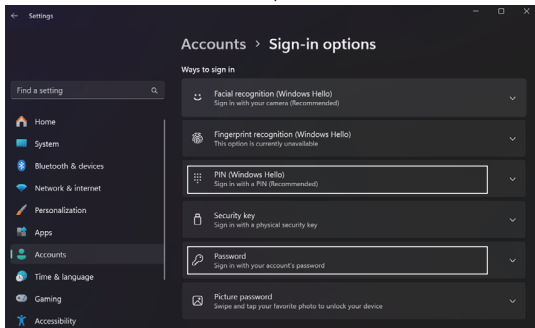


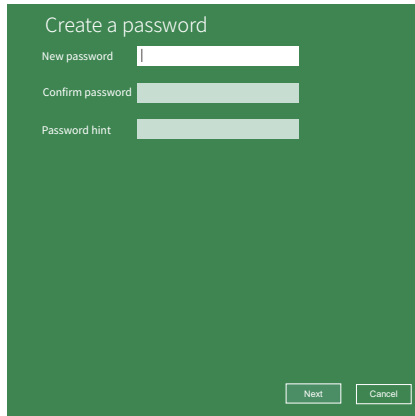
2. Click **Account** and **Sign-in options**.



3. Add password Setting. You must set up a PIN before you can enroll in Windows Hello.

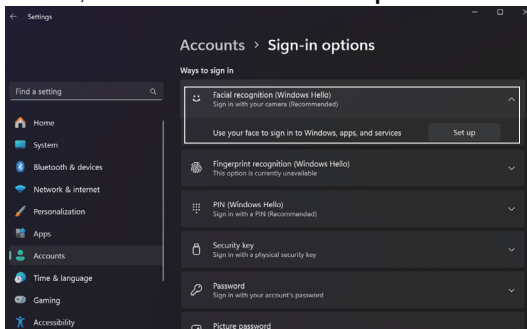
- (1) Set Password.
- (2) Enter New PIN and Confirm PIN, and then click **OK**.



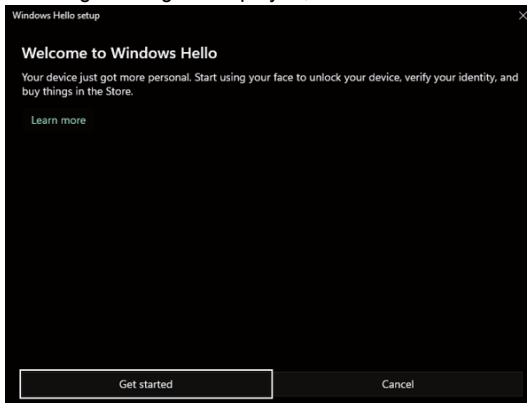


4. Window Hello - Record the face image.

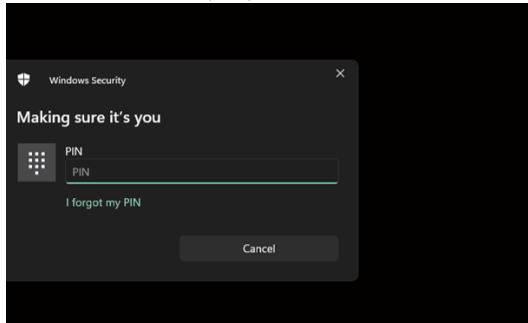
(1) The options to set up Windows Hello will unlock. Click **Set up** under **Windows Hello**, enter to **Windows Hello setup**.



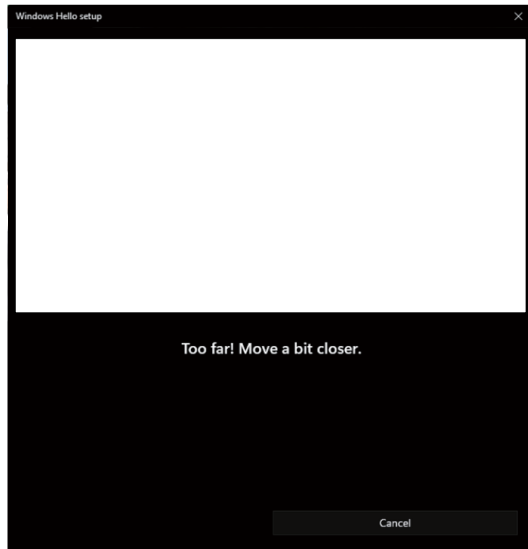
(2) The following message is displayed, click **Get started**.



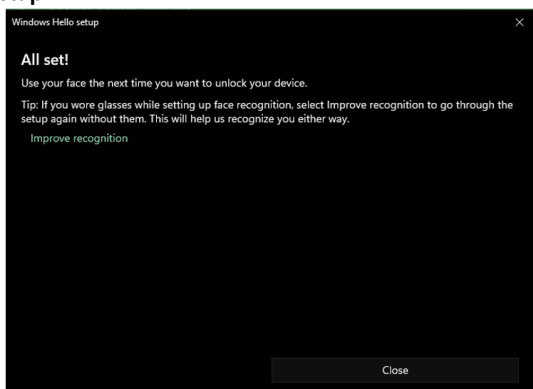
(3) Enter the **PIN password** you just set.



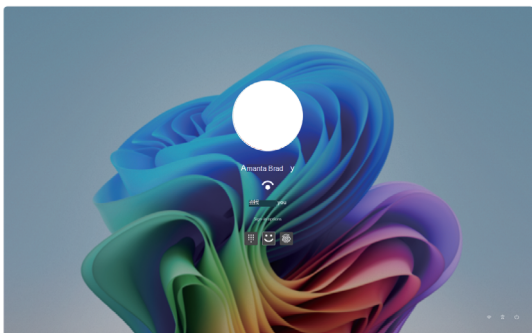
(4) Keep looking directly at your screen and position yourself so that your face is in the center of the frame that appears on screen. The webcam will then register your face.



(5) When the following message is displayed, click **Close** to exit **Windows Hello setup**.

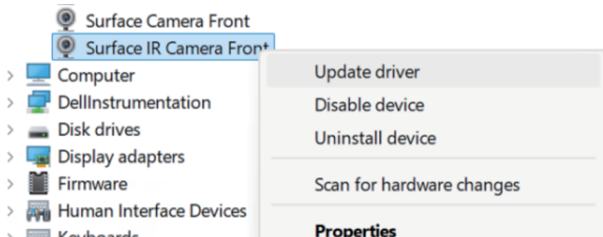


(6) Lock and unlock PC Screen testing – Select icon[smile]- The screen is automatically unlocked without the need for manual password entry.



5. Window Hello - Identification attentio.

(1) Disable the **built-in camera** of the laptop at **Device Manager**.



(2) Face Targeting the Camera.

(3) Identification distance (Suggestion): 40 centimeters - 70 centimeters

Max distance: 30 centimeters – 80 centimeters.

(4) Don't cover your face (Don't wear a mask).

3.3 Specifications summary

Panel Type	TFT LCD
Panel size	27" (16:9)
Max. Resolution	2560 x 1440
Pixel pitch	0.233 mm x 0.233 mm
Brightness (Typ.)	350 cd/m ²
Contrast Ratio (Typ.)	1500:1
Viewing angle (H/V)	178°/178°
CR>10	
Display colors	16.7 M (true 8 bit)
Response time	5 ms (GTG)
Splendid Mode	8 color splendid modes
Auto adjustment	No
Color temperature selection	4 color temperatures
Analog input	No
Digital input	DisplayPort v1.4, HDMI 2.1, DisplayPort over USB Type-C
Digital Output	DisplayPort v1.4
Microphones	Yes
Webcam	Yes
Earphone jack	Yes
Audio input	No
RJ45	Yes
Speaker (Built-in)	2 W x 2
USB 3.2 Gen 1 port	3 x USB 3.2 Gen 1 Type-A 1 x USB 3.2 Gen 1 Type-C
Colors	Black
Power LED	White (On)/Amber (Standby)
Tilt	+35° ~ -5°
Pivot	+90° ~ -90°
Swivel	+30° ~ -30°
Height Adjustment	130 mm
Kensington lock	Yes
AC input voltage	AC: 100~240V
Power consumption	Power On: 20.30 W**, Standby: < 0.5 W (Typ.), Power Off: < 0.3 W (AC Switch off)
Temperature (Operating)	0°C~40°C
Temperature (Non-operating)	-20°C~+60°C
Dimension (W x H x D) without stand	612.2mm x 362.9mm x 50.7mm
Dimension (W x H x D) with stand	612.2mm x 527.9mm x 202.1mm (highest) 612.2mm x 398.4mm x 202.1mm (lowest) 691 mm x 427 mm x 160 mm (package)

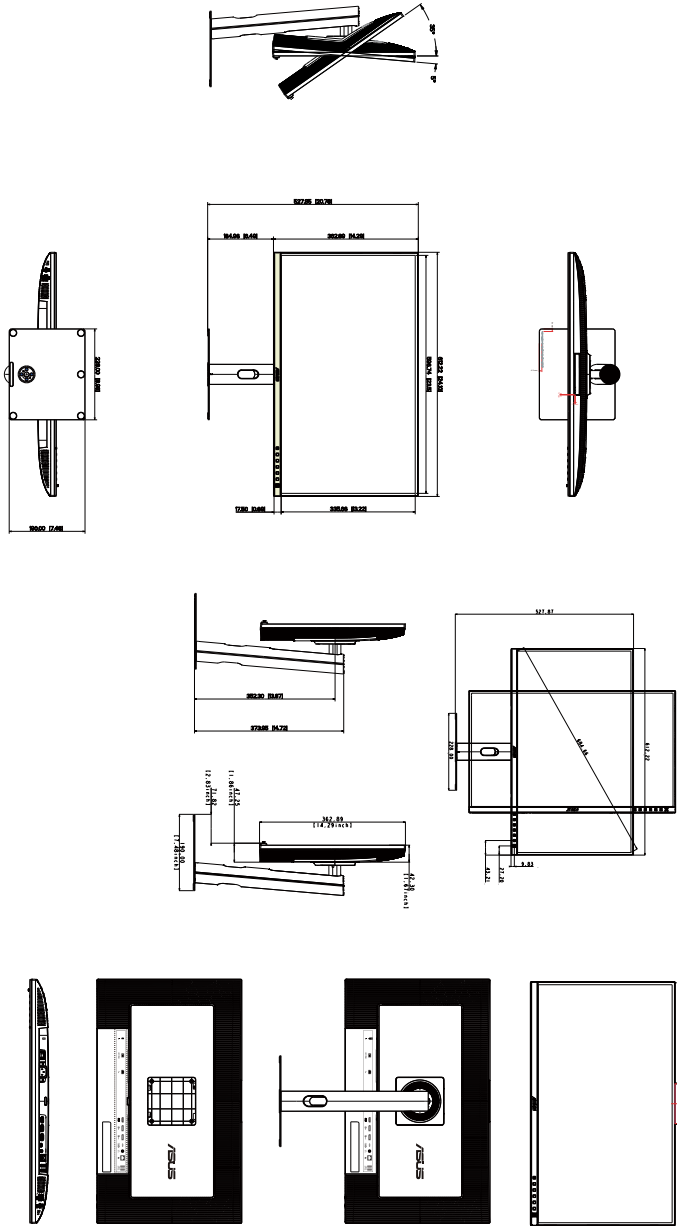
Weight (Esti.)	7.3 kg (Net); 5.2 kg (Net, without stand); 10.6 kg (Gross)
Multi-languages	23 languages (English, French, German, Italian, Spanish, Dutch, Portuguese, Russian, Czech, Croatian, Polish, Romanian, Hungarian, Turkish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Thai, Indonesian, Persian, Ukrainian, Vietnamese)
Accessories	Quick start guide, warranty card, power cord, HDMI cable, DisplayPort cable, USB C to C cable, Mini PC Kit (optional) *Accessories may vary by region.
Compliance and Standards	cTÜVus, FCC, ICES-3, EPEAT Gold, CB, CE, ErP, WEEE, EU Energy, TÜV-GS, TÜV-Ergo, ISO 9241-307, UkrSEPRO, Ukraine Energy, CU, CCC, CEL, BSMI, RCM, VCCI, PSE, PC recycle, J-MOSS, KC, KCC, KMEPS, Energy Star®, TCO, RoHs, California CEC, Windows 10/11 WHQL, TÜV Flicker Free, TÜV Low Blue Light

***Specifications are subject to change without notice.**

****Power consumption of On Mode as defined in Energy Star 8.0 version.**

3.4 Outline dimensions

ASUS BE27ACGK Outline Dimension
*Unit: mm(inch)



3.5 Troubleshooting (FAQ)

Problem	Possible Solution
Power LED is not ON	<ul style="list-style-type: none">• Press the  button to check if the monitor is in the ON mode.• Check if the power cord is properly connected to the monitor and the power outlet.• Check if the power switch is ON.
The power LED lights amber and there is no screen image	<ul style="list-style-type: none">• Check if the monitor and the computer are in the ON mode.• Make sure the signal cable is properly connected the monitor and the computer.• Inspect the signal cable and make sure none of the pins are bent.• Connect the computer with another available monitor to check if the computer is properly working.
Screen image is too light or dark	<ul style="list-style-type: none">• Adjust the Contrast and Brightness settings via OSD.
Screen image bounces or a wave pattern is present in the image	<ul style="list-style-type: none">• Make sure the signal cable is properly connected to the monitor and the computer.• Move electrical devices that may cause electrical interference.
Screen image has color defects (white does not look white)	<ul style="list-style-type: none">• Inspect the signal cable and make sure that none of the pins are bent.• Perform All Reset via OSD.• Adjust the R/G/B color settings or select the Color Temperature via OSD.
No sound or sound is low	<ul style="list-style-type: none">• Ensure that the HDMI/DisplayPort/USB Type C cable is properly connected to the monitor and the computer.• Adjust the volume settings of both your monitor and HDMI/DisplayPort/USB Type C device.• Ensure that the computer sound card driver is properly installed and activated.

3.6 Supported operating modes

Resolution Frequency	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel (MHz)	PBP
640 x 480	31.469(N)	59.94(N)	25.175	
640 x 480	37.5(N)	75(N)	31.5	
800 x 600	37.879(P)	60.317(P)	40	
800 x 600	46.875(P)	75(P)	49.5	
1024 x 768	48.363(N)	60.004(N)	65	
1024 x 768	60.023(P)	75.029(P)	78.75	
1280 x 960	60(P)	60(P)	108	
1280 x 1024	63.981(P)	60.02(P)	108	
1280 x 720	45(P)	60(P)	74.25	
1600 x 1200	75(P)	60(P)	162	
1920 x 1080	67.5(P)	60(P)	148.5	
1920 x 1080	66.587(P)	60(N)	138.5	
2560 x 1440	88.787(P)	60(N)	241.5	
2560 x 1440	182.996(P)	120(N)	497.75	
1920 x 1080	137.26(P)	120(N)	285.5	
2560 x 1440	111.857(P)	75(N)	304.25	
2560 x 1440	88.695(P)	60(N)	241.25	
2560 x 1440	43.75(P)	30(N)	119	
2560 x 1440	34.926(P)	24(N)	95	
1280 x 1440	88.715(P)	60(N)	127.75	V
1280 x 1440	182.986(P)	120(N)	263.5	V
1280 x 1440	111.806(P)	75(N)	161	V

"P" / "N" stands for "Positive" / "Negative" polarity of incoming H-sync/V-sync (input timing).

When the monitor is operating in the video mode (ie, not displaying data), the following high definition modes shall be supported in addition to standard definition video.

Resolution	Vertical Frequency (Hz)
1920 x 1080p	120Hz
	100Hz
	60Hz
	50Hz
	30Hz
	25Hz
	24Hz
1280 x 720(P)	60Hz
	50Hz
720 x 576(P)	50Hz
720 x 480(P)	59.94Hz
640 x 480(P)	59.94Hz