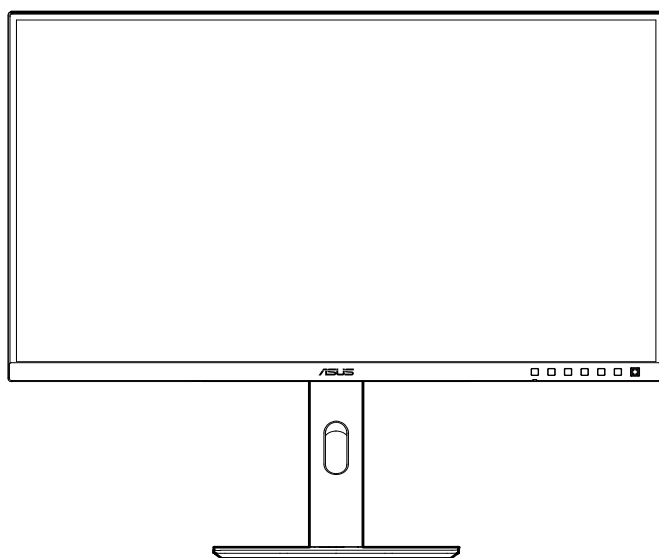


ASUS®

HA2441A / HA2741A

Series LCD Monitor

User Guide



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

First Edition

September 2023

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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.

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.

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 symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment, and mercury-containing button cell battery) should not be placed in municipal waste. Please check local regulations for disposal of electronic products.

AEEE yönetmeliğine uygundur

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



HA2441A



HA2741A

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!

Package contents

Check your package for the following items:

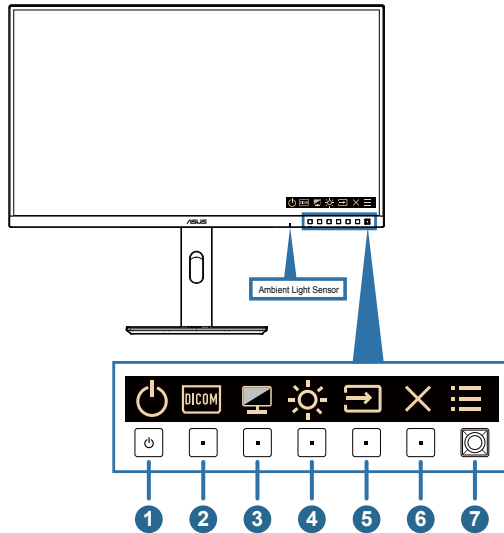
- ✓ LCD monitor
- ✓ Monitor base
- ✓ Quick start guide
- ✓ Power cord
- ✓ HDMI cable
- ✓ DisplayPort cable
- ✓ USB C to C cable
- ✓ Adapter



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

1.3 Monitor introduction

1.3.1 Front view



1. Power button/power indicator

- Turns the monitor on/off. Press and hold this button for 0.6 seconds will shut down the monitor.
- The color definition of the power indicator is as the below table.

Status	Description
White	On
Amber	Standby mode
Off	Off

2. DICOM button:

- Press this button to change DICOM mode(DICOM_0lux, DICOM_50lux, DICOM_100lux, DICOM_Auto).

3. Monochrome button:

- Press this button to change Monochrome(Positive Film, Negative Film, Off).

4. Shortcut 1

- Press this button to display the OSD menu when the OSD is off.
- Default: Brightness Hotkey.
- To change the hotkey function, go to the Shortcut > Shortcut 1 menu.

5. Shortcut 2

- Press this button to display the OSD menu when the OSD is off.
- Default: Input Select hotkey
- To change the hotkey function, go to the Shortcut > Shortcut 2 menu.

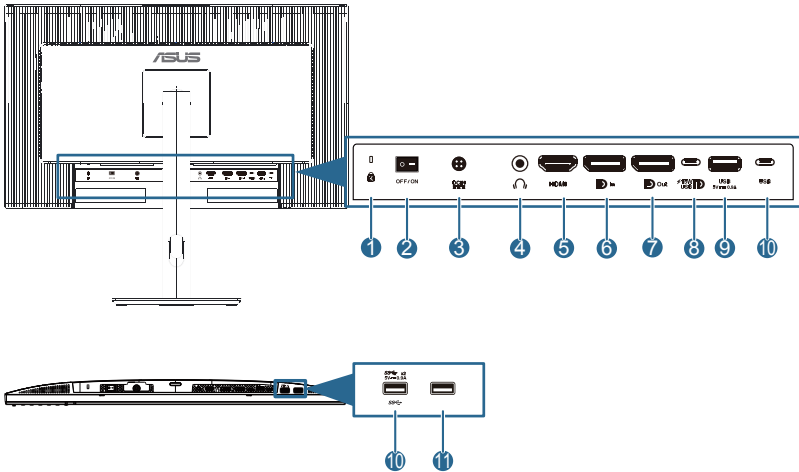
6. Exit button:

- Press this button to display the OSD menu when the OSD is off.
- Exits the OSD menu.

7. 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.
- Double-click this button to display the current source, then double-click again to switch to the next active input source (if available).

1.3.2 Back view



1. **Kensington lock slot.**
2. **Power switch:** Press the switch to turn on/off power.
3. **DC-IN port:** This port connects the adaptor.
4. **Earphone jack:** This port is only available when an HDMI/DisplayPort/USB Type-C cable is connected.
5. **HDMI port:** This port is for connection with an HDMI compatible device.
6. **DisplayPort in:** This port is for connection with a DisplayPort compatible device.
7. **Daisy-Chain DisplayPort output:** This port allows you to connect multiple DisplayPort compatible monitors.
8. **USB 3.2 Gen 1 Type-C:** This port is for connection with a USB upstream cable. The connection supports USB power and data delivery.



This monitor is Super-Speed USB 3.2 Gen 1 compatible (5Gbps). The port offer 15W power delivery with output voltage of 5V/3A and 9V/1.66A and 12V/1.25A.

9. **USB 3.2 Gen 1 Type-A** These ports are for connection with USB devices, such as USB keyboard/mouse, USB flash drive, etc.
10. **USB 3.2 Gen 1 Type-C:** This port is 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. **USB 3.2 Gen 1 Type-A:** These ports are for connection with USB devices, such as USB keyboard/mouse, USB flash drive, etc.

1.3.3 Other Function(s)

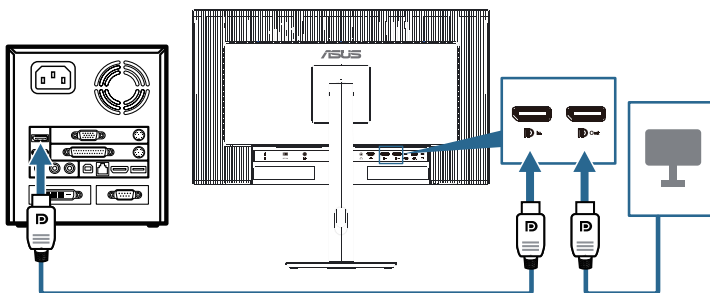
1. Daisy chaining (for selected models)

The monitor supports daisy chain on DisplayPort and USB Type-C. Daisy Chaining allows up to 1 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@75Hz and no USB-C device is connected). In order to enable daisy chaining, please make sure the source transported.



This function is only available when Power Saving is Normal Level. If you set Power Saving to Deep Level, all the connected monitors will display the same content at the same time (clone). Note: Input port will be fixed (no auto detection) when DP out cable is plugged.

2560 x 1440 @75Hz



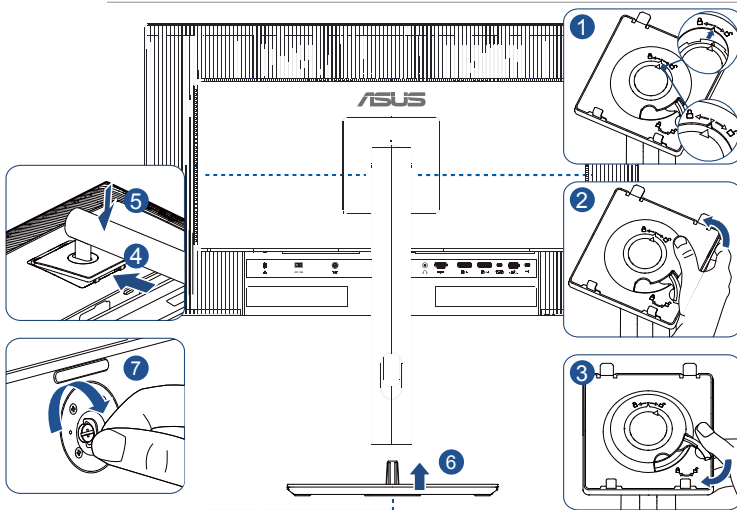
2.1 Assembling the monitor arm/base

To assemble the monitor base:

1. Make sure the triangle marks of VESA cover aligned.
2. Attach the arm into the VESA cover.
3. Shut the lock to make the arm and VESA cover assembled.
4. Have the front of the monitor face down on a table, slide the tabs on the arm into the slots on the VESA cover.
5. Press down the arm assembly to snap it into place.
6. Attach the base into the arm, making sure the tab on the arm fits into the groove on the base.
7. 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.



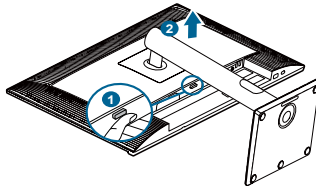
Base screw size: M6 x 16.2mm.

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 (Figure 1).



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



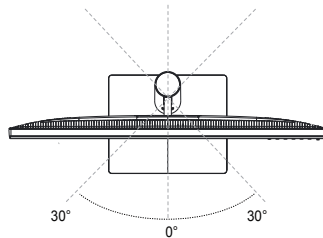
- The VESA wall mount kit (100 x 100 mm) is purchased separately.
 - For horizontal placement or vertical use, please refer to next page.
 - Use only with UL/CSA Listed Wall Mount Bracket with minimum weight/load bearing capacity of 5.85 kg (12.9 lb) (Screw size: M4 x 10 mm x 4 pcs).
-

2.3 Adjusting the monitor

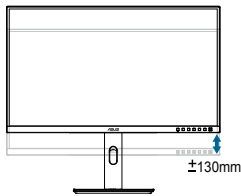
- For optimal viewing, we recommend that you look at the full face of the monitor, then adjust the monitor to the angle that is most comfortable for you.
- Hold the stand to prevent the monitor from falling when you change its angle.
- You can adjust the monitor's angle from $+23^{\circ}$ to -5° , $\pm 30^{\circ}$ swivel adjustment from either left or right, and it allows $\pm 90^{\circ}$ pivot adjustment. You can also adjust the monitor's height within $\pm 130\text{mm}$.



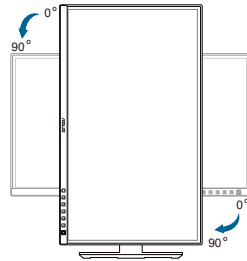
(Tilt)



(Swivel)



(Height adjustment)



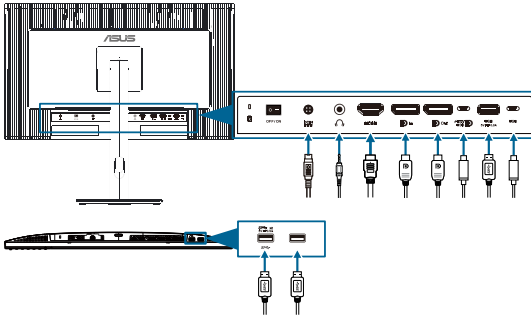
(Pivot)



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

2.4 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 Adapter's AC input port, the other end to a power outlet.
- **To connect the HDMI/DisplayPort/USB Type-C* cable:**
 - a. Plug one end of the HDMI/DisplayPort/USB Type-C* cable to the monitor's HDMI/DisplayPort/USB Type-C jack.
 - b. Connect the other end of the HDMI/DisplayPort/USB Type-C* cable to your device's HDMI/DisplayPort/USB Type-C jack.



It is suggested to use USB certified Type-C cable. If the signal source supports DP Alt mode, all video, audio and data signal can be transmitted.

- **To use the earphone:** connect the end with plug type to the monitor's earphone jack when an HDMI/DisplayPort/USB Type-C signal is fed.
- **To use the USB 3.2 Gen 1 ports:**
 - » Upstream: Use an USB Type-C cable and plug on end of the Type-C connector to the monitor's USB Type-C port as upstream and the other end to your computer's USB Type-C jack. Or use an USB Type-C to Type-A cable and plug the Type-C connector to the the monitor's USB Type-C as upstream and the Type-A connector to your computer's USB Type-A jack. Make sure your computer is installed with the Windows, macOS operating system. That will enable the USB ports on the monitor to work.



Downstream: Do not use extension cord. Please direct connect your USB device with the monitor's USB Type-A or Type-C jack.





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



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










2.5 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.

3.1 OSD (On-Screen Display) menu

3.1.1 How to reconfigure

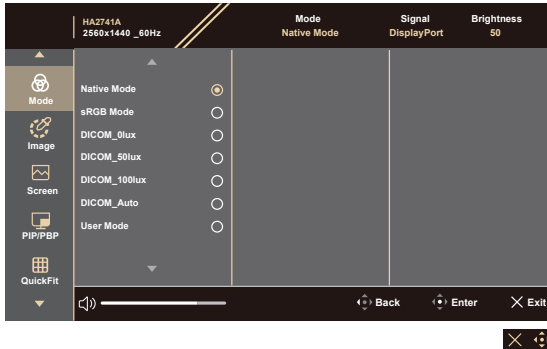


1. Press any button to display the OSD menu.
2. Press the  Menu (5-way) button to enter the OSD main menu.
3. Move the  Menu (5-way) button up/down/left/right to navigate through the functions. Highlight the desired function and press the  Menu (5-way) button to activate it. If the function selected 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. Mode

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



- **Native Mode:** Best choice for document editing.
- **sRGB Mode:** Compatible with sRGB color space, sRGB mode is the best choice for document editing.



sRGB Mode meets ENERGY STAR® requirements.

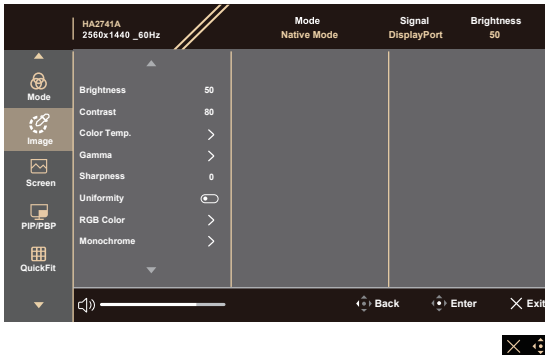
- **DICOM 0lux:** When ambient luminance around 0lux, we recommend to choose DICOM_0lux for best viewing image.
- **DICOM 50lux:** When ambient luminance around 50lux, we recommend to choose DICOM_50lux for best viewing image.
- **DICOM 100lux:** When ambient luminance around 100lux, we recommend to choose DICOM_100lux for best viewing image.
- **DICOM Auto:** Auto compensation of DICOM curve by environment light changing via ambient light sensor detection.
- **User Mode :** Allows you to make color adjustments in the Advanced Setting.

Below table shows the default configurations for each mode:

Function	Native Mode	sRGB Mode	DICOM_0lux	DICOM_50lux	DICOM_100lux	DICOM_Auto	User Mode
Color Temp.	6500K	Fixed 6500K	7500K	7500K	7500K	7500K	6500K
Brightness	50	Fixed 80 nits	100	100	100	100	50
Contrast	80	80	Disable (Gray out)	Disable (Gray out)	Disable (Gray out)	Disable (Gray out)	80
Sharpness	Enable (0)	Enable (0)	Enable (0)	Enable (0)	Enable (0)	Enable (0)	Enable (0)
RGB Tuning	Enable (Default)	Disable	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)
Uniformity	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)
Morochrome	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)
Black Level	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)	Enable (Default)
Gamma	Enable (2.2)	Fixed (2.2)	Disable (Gray out)	Disable (Gray out)	Disable (Gray out)	Disable (Gray out)	Fixed (2.2)
Light sensor	Enable (Default Off)	Enable (Default Off)	Disable (Gray out)	Disable (Gray out)	Disable (Gray out)	Always On	Enable (Default Off)

2. Image

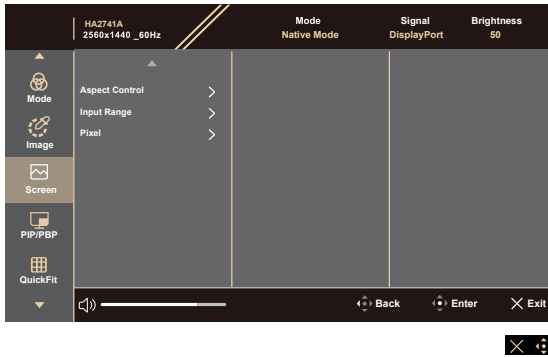
Set a desired color setting from this menu.



- **Brightness:** The adjusting range is from 0 to 100.
- **Contrast:** The adjusting range is from 0 to 100.
- **Color Temp.:** Contains 6 modes including 5000K, 5500K, 6500K, 7500K, 9300K, 12000K.
- **Gamma:** Allows you to set the color mode to 2.4, 2.2, 2.0.
- **Sharpness:** The adjusting range is from 0 to 100.
- **Uniformity:** Turn Uniformity on/off.
- **RGB Color:**
 - * **Gain:** The adjusting range is from 0 to 100.
 - * **Offset:** The adjusting range is from 0 to 100.
- **Monochrome:** Contains 3 modes including Positive Film, Negative Film, and Off.
- **Darkness:** Contains 3 modes including Default, Std_1 and Std_2.

3. Screen

Set the image related setting from this menu.



- **Aspect Control:** Adjusts the aspect ratio to **Full**, **Dot to Dot** or **1:1 Ratio**.



To activate this function, you need to do the following: turn off **Adaptive-Sync** and **PBP**.

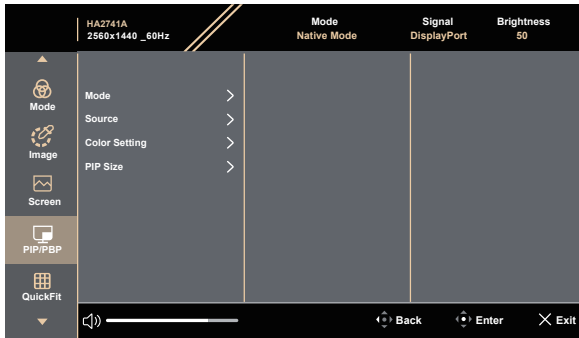
- **Input Range:** To map signal range with whole black to white presented range of display.
- **Pixel:** Adjusts the Pixel to 3MP or 4MP.

4. PIP/PBP

The PIP/PBP menu allows you to open up another sub-window connected from another video source (when input source is below 60Hz) besides the main-window from your original video source.



To activate this function, you need to do the following: turn off AdaptiveSync and disable HDR on your device.



- **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.)

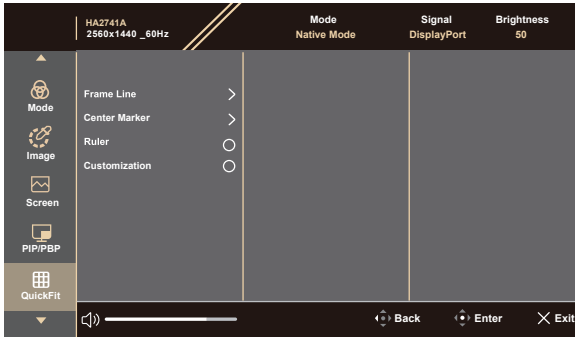
- **Source:** Selects the video input source from among **HDMI**, **DisplayPort** and **USB Type-C**. The table below shows the input source combinations.
- **Color setting:** Select color Preset for Main and Sub windows.
- **PIP Size:** Adjusts the PIP size to **Small**, **Medium** or **Large** (Only available for the PIP mode).


5. QuickFit

In this function, you can use different kinds of alignment patterns.



To activate this function, you need to do the following: turn off PIP/PBP, disable HDR on your device and restore your screen back to normal position (do not rotate).



- **Frame Line:** Facilitates designers and users to organize content and layout on one page and achieve a consistent look and feel. The selections are: **1:1**, **3 x 3** .
- **Center Marker:** Adjusts the **Type 1**, **Type 2**, **Type 3**.
- **Ruler:** This pattern presents physical ruler on top and left side.
- **Customization:** You can decide the frame size by moving the  Menu (5-way) button up/down/left/right.

6. Eye Care

Allows you to adjust settings related to eye care.



- **Blue Light Filter:** In this function, you can adjust the blue light filter from 0 to max. 0: no changes; 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 us the optimized setting. It is compliance with TÜV low blue light certification*. The brightness function is not user configurable.



- When the user adjusts blue light filter bar to maximum level.
- *When color augmentation is in default value (50).



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, user 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.

7. Input select

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



- **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).

8. Setting

Allows you to adjust the system.



- **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.

- **OSD Setup:**

- * Adjusts the **Timeout** from 10 to 120 seconds.
- * Enables or disables the **DDC/CI** function.
- * Adjusts the OSD background from **Opaque** to **Transparent**.
- * Enables or disables the **Auto Rotation** function.



To activate Auto Rotation, you need to do the following: turn off PIP/PBP.

- **Language:** There are 22 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.

- **Sound:**

- * Adjusts **Volume** from 0 to 100.
- * **Mute** or un-Mute the audio output.



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

- **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.

- **Key Lock:** To disable all function keys. Push the 5-way button down for over 5 seconds to cancel the key lock function.
- **Power Indicator:** Turns the power LED indicator on/off.
- **Ambient Effect:** Turns the Light Effect and Adaptive Color on/off.
- **HDR:** Turns HDR on/off.
- **Adaptive-Sync:**
 - * Adaptive-Sync can only be activated within 48Hz ~ 75Hz.
 - * For supported GPUs, minimum PC system and driver requirements, please contact the GPU manufactures.

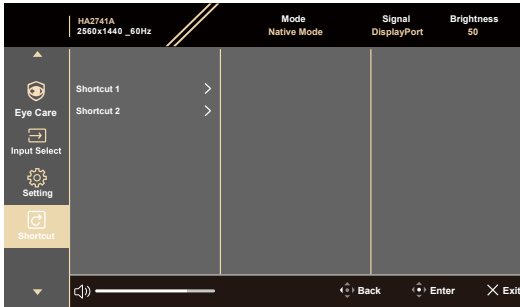


To activate this function, you need to do the following: turn off PIP/PBP.

- **Information:** Shows the monitor information.
- **All Reset:** "Yes" allows you to restore the default settings, meanwhile meet ENERGY STAR® requirements.

9. Shortcut

Defines the functions for Shortcut 1 and 2 buttons.



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



When a certain function is selected or activated, your shortcut key may not support. Available function choices for shortcut: Brightness, Aspect Control, Input select, Pixel, PIP/PBP Setting, Color Temp., Blue Light Filter, User Mode.

3.2 Specifications summary HA2441A

Panel Type	TFT LCD
Panel size	23.8" (16:9, 60.45cm) wide screen
Max. Resolution	2560 x 1440
Pixel pitch	0.2058mm x 0.2058mm
Brightness (Typ.)	300 cd/m ²
Contrast Ratio (Typ.)	900:1
Viewing angle (H/V) CR>10	178°/178°
Display colors	16.7 M
Response time	5 ms (GTG)
Preset selection	8 color preset modes
Auto adjustment	No
Color temperature selection	6 color temperatures
Analog input	No
Digital input	DisplayPort v1.4, HDMI 2.0 x 1, DisplayPort over USB Type-C
Digital Output	Yes
Earphone jack	Yes
Audio input	No
USB 3.2 Gen 1 port	1 x USB 3.2 Gen 1 Type-C 3 x USB 3.2 Gen 1 Type-A
Colors	Black
Power LED	White (On)/Amber (Standby)
Tilt	+23° ~ -5°
Pivot	+90° ~ -90°
Swivel	+30° ~ -30°
Height Adjustment	130 mm
Kensington lock	Yes
AC input voltage	AC: 100~240V
Power consumption	Power On: 14.5 W**, Power Standby: ≤ 0.5 W, DC Power Off: ≤ 0.3 W Power Rating: DC/ 90.06W max.
Temperature (Operating)	0°C~40°C
Temperature (Non-operating)	-20°C~+60°C
Dimension (W x H x D) without stand	539.6mm x 322.2mm x 44.6mm
Dimension (W x H x D) with stand	539.6mm x 515.1mm x 197.2mm (highest) 539.6mm x 385.1mm x 197.2mm (lowest) 620mm x 390mm x 127mm (package)
Weight (Esti.)	5.4kg (Net); 3.7kg (Net, without stand); 8.2kg (Gross)

3.2 Specifications summary HA2741A

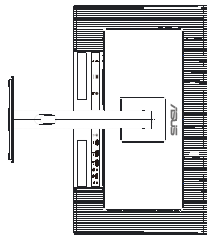
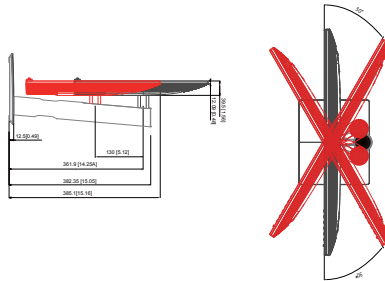
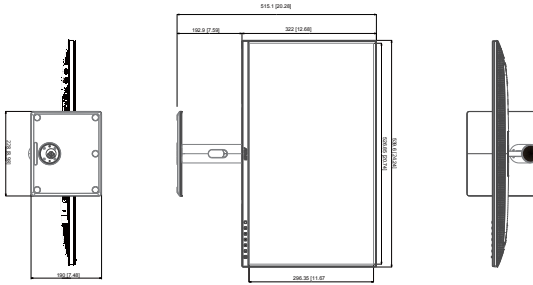
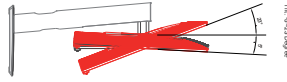
Panel Type	TFT LCD
Panel size	27" (16:9, 68.46 cm) wide screen
Max. Resolution	2560 x 1440
Pixel pitch	0.233mm x 0.233mm
Brightness (Typ.)	350 cd/m ²
Contrast Ratio (Typ.)	900:1
Viewing angle (H/V) CR>10	178°/178°
Display colors	16.7 M
Response time	5 ms (GTG)
Preset selection	8 color preset modes
Auto adjustment	No
Color temperature selection	6 color temperatures
Analog input	No
Digital input	DisplayPort v1.4, HDMI 2.0 x 1, DisplayPort over USB Type-C
Digital Output	Yes
Earphone jack	Yes
Audio input	No
USB 3.2 Gen 1 port	1 x USB 3.2 Gen 1 Type-C 3 x USB 3.2 Gen 1 Type-A
Colors	Black
Power LED	White (On)/Amber (Standby)
Tilt	+23° ~ -5°
Pivot	+90° ~ -90°
Swivel	+30° ~ -30°
Height Adjustment	130 mm
Kensington lock	Yes
AC input voltage	AC: 100~240V
Power consumption	Power On: 13W**, Power Standby: ≤ 0.5 W, DC Power Off: ≤ 0.3 W Power Rating: DC/ 90.06W max.
Temperature (Operating)	0°C~40°C
Temperature (Non-operating)	-20°C~+60°C
Dimension (W x H x D) without stand	613.3mm x 363.4mm x 44.9mm
Dimension (W x H x D) with stand	613.3mm x 536.7mm x 197.2mm (highest) 613.3mm x 406.7mm x 197.2mm(lowest) 695mm x 421mm x 133mm (package)
Weight (Esti.)	6.7kg (Net); 5kg (Net, without stand);9.3kg(Gross)

Multi-languages	22 languages (English, French, German, Italian, Spanish, Dutch, Portuguese, Russian, Czech, Croatian, Polish, Romanian, Hungarian, Turkish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Thai, Indonesian, Persianm Ukrainian)
Accessories	Quick start guide, warranty card, Adapter, Power cord, HDMI cable (optional), DisplayPort cable (optional), USB C to C cable (optional)
Compliance and Standards	cTUVus, FCC, ICES-3, CB, CE, ErP, WEEE, TÜV-Ergo, ISO 9241-307, BSMI, RCM, MEPS, VCCI, PSE, PC Recycle, J-MOSS, ENERGY STAR®, RoHs, CEC, Windows 10/11 WHQL, CCC, CEL, TÜV Flicker Free, TÜV Low Blue Light

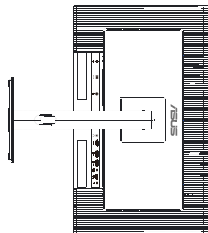
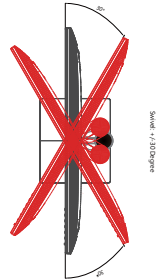
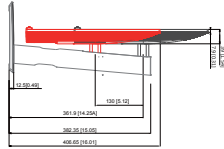
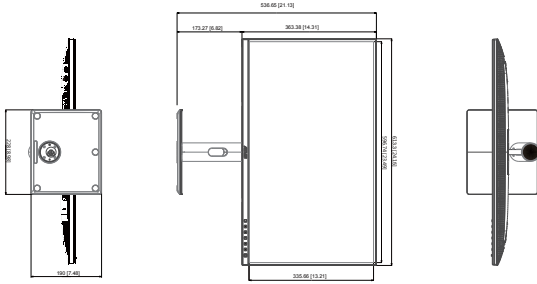
***Specifications are subject to change without notice.**

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


3.3 Outline dimensions HA2441A



HA2741A



3.4 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.

3.5 Supported operating modes

Input Timing Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Dot Clock Frequency (MHz)
640x350	31.47(P)	70(N)	25.18
640x480	31.47(N)	59.94(N)	25.18
640x480	37.87(N)	72.82(N)	31.5
640x480	37.5(N)	75.00(N)	31.5
720x400	31.47(N)	70.08(P)	28.32
800x600	35.16(P)	56.25(P)	36
800x600	37.88(P)	60.32(P)	40
800x600	48.08(P)	72.12(P)	50
800x600	46.86(P)	75.00(P)	49.5
832x624	49.72(P/N)	74.55(P/N)	57.28
848x480	31.0(P)	60(P)	33.75
1024x768	48.36(N)	60.00(N)	65
1024x768	56.476(N)	70.069(N)	75
1024x768	60.02(N)	75.00(N)	78.75
1152x864	67.5(P/N)	75.00(P/N)	108
1280x720	44.77(N)	60	74.5
1280x768	47.8(N)	60(N)	79.5
1280x768	60.3(P)	75(P)	102.25
1280x800	49.7(N)	60(P)	84.5
1280x960	60.00(P)	60.00(N)	108
1280x1024	63.98(P)	60.02(P)	108
1280x1024	79.98(P)	75.02(P)	135
1366x768	47.712(P)	59.79(P)	85.5
1400x1050	65.3(N)	60(P)	121.75
1440x900	55.94(N)	59.89(P)	106.5
1600x1200	75.00(P)	60.00(P)	162
1680x1050	65.29(N)	60.00(P)	146.25
1920x1080	67.5(P)	60.00(P)	148.5
1920x1200 (Reduced Blanking)	74.038(P)	59.95(N)	154
1920x1200	94.04(N)	74.94(P)	245.25
1920x1200	74.556(N)	59.885(P)	193.25
2560x1080	66.636(P)	59.978(N)	181.25
2560x1440	88.787(P)	59.951(N)	241.5
2560x1440	111.786(P)	74.924(N)	298.47

“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.

Timing Name	Input Vert Freq (Hz)	Horizontal.Frequency.(KHz)	Out put Vert Freq (Hz)
1920 × 1080p	24Hz	27	48Hz
	25Hz	28.125	50Hz
	30Hz	33.175	60Hz
	50Hz	56.25	50Hz
	59.94Hz	67.43	59.94Hz
	60Hz	67.5	60Hz
1920 × 1080i	50Hz	28.13	50Hz
	59.94Hz	33.72	59.94Hz
	60Hz	33.75	60Hz
1280 × 720p	50Hz	37.5	50Hz
	59.94Hz	44.95	59.94Hz
	60Hz	45	60Hz
720 × 576p	50Hz	31.25	50Hz
720 × 480p	59.94Hz	31.47	59.94Hz
	60Hz	31.5	60Hz
640 × 480p(VGA)	59.94Hz	31.47	59.94Hz
	60Hz	31.5	60Hz
720(1440) × 576i	50Hz	15.63	50Hz
720(1440) × 480i	59.94Hz	15.73	59.94Hz
	60Hz	15.75	60Hz