VG257Q5A Series
LCD Monitor

User Guide

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Second Edition
May 2025

Contents

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 to 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.

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 Réglement sur le matériel brouiller du Canada.

The device may fall, causing serious personal injury or death. To prevent injury, this device must be securely attached to the floor/wall in accordance with the installation instructions.

EAC

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 extention 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.

- 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.

- Ensure to connect the power cord to a socket-outlet with earthing connection.

- The supplied power adapter and/or power cable are designed to use with the product only. Do not use with other products.

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.

WARNING

- Usage of other than specified head- or earphones can result in hearing loss due to excessive sound pressures.

- Please confirm the distribution system in building installation shall providethe circuit breaker rated 120/240V, 20A (maximum).

- If provided with a 3-pin attachment plug on the power cord, plug the cordinto a grounded (earthed) 3-pin outlet. Do not disable the power cord grounding pin, for example, by attaching a 2-pin adapter. The grounding pin is an important safety feature.

- Restriction on Hazardous Substances statement (India) This productcomplies with the "India E-Waste (Management) Rules, 2016" and prohibits use of Lead, Mercury, Hexavalent Chromium, polybrominated biphenyls(PBBs) and polybrominated diphenyl ethers(PBDEs) in concentration exceeding 0.1% by weight in homogenous materials and 0.01% by weight in homogenous materials for cadmium, except of exemptions listed in Schedule 2 of the Rule.

- This product is compliant with requirements of Circular No. 30/2011/TTBCT Regulations "STIPULATING TEMPORARILY THE PERMISSIBLE CONTENT LIMITATION OF SOME TOXIC CHEMICALS IN THE ELECTRONIC, ELECTRICAL 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:

- The screen may flicker during the initial use due to the nature of the fluorescent light. Turn off the Power Switch and turn it on again to make sure that the flicker disappears.

- 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.

3. **About Flicker**

    https://www.asus.com/Microsite/display/eye_care_technology/

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

VG257Q5A

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 you!

1.2   Package contents

Check your package for the following items:

- ✓ LCD Monitor
- ✓ Monitor Column
- ✓ Monitor Base
- ✓ Quick Start Guide
- ✓ Warranty Card
- ✓ Power Cord
- ✓ HDMI Cable (optional)
- ✓ DP Cable (optional)
- ✓ L-shaped Screwdriver (optional)
- ✓ 4 Screws

> 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   Assembling the monitor

To assemble the monitor:

1.   Place the display on a cloth on the table, use a screwdriver to tighten the assembly screws, and secure the column to the display tightly. Then attach the base to the column and fix with the screw to join them tightly. You can easily tighten the base screw by fingers.

2.   Adjust the monitor to the angle that is most comfortable for you.

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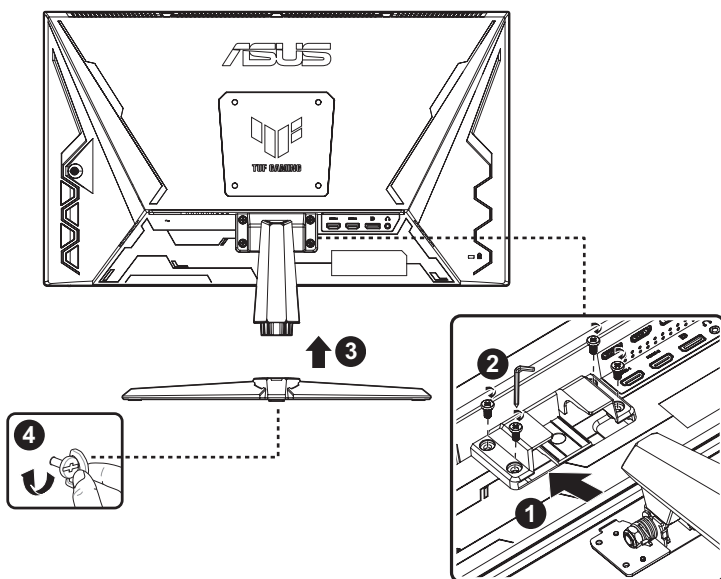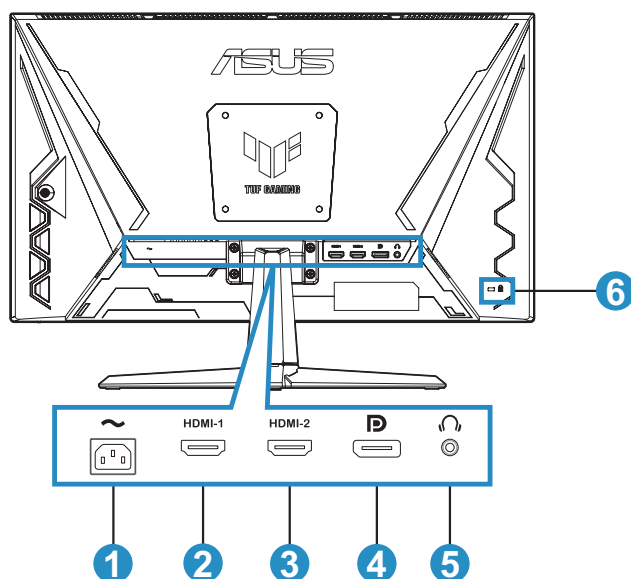

> ✎ Base screw size: M6 x 17 mm.

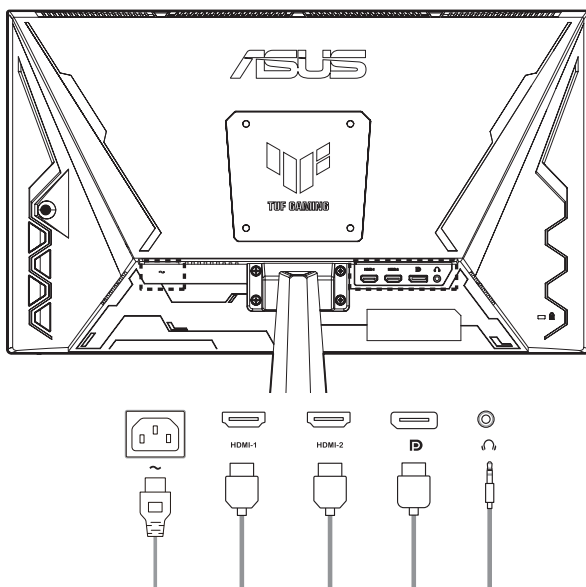> ✎ Hinge screw size: M4 x 8 mm.

1.4   Connecting the cables

1.4.1   Rear of the LCD monitor

1.   **AC-IN port**
2.   **HDMI-1 port**
3.   **HDMI-2 port**
4.   **DP-in port**
5.   **Earphone jack**
6.   **Kensington lock slot**

Installaion

- **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 connect the HDMI/DP cable:**
  1. Plug one end of the HDMI/DP cable to the monitor's HDMI/DP port.
  2. Connect the other end of the HDMI/DP cable to your computer's HDMI/DP port.

- **To use the earphone:** connect the end with earphone plug to the monitor's earphone jack when an HDMI or DP cable signal is fed.

> - For the installation of replaceable parts, please refer to the above installation instructions.
> - Users may go to the local service network to replace/purchase the qualified replaceable parts.
> - For local service centers and service contacts, please refer to https://www.asus.com/support

1.5 Monitor introduction

1.5.1 Using the Controls button

Use the control button on the back of the monitor to adjust the image settings.
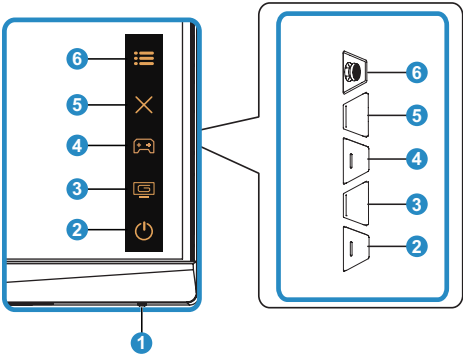
1. Power indicator
   - The color definition of the power indicator is as the below table.

Status	Description
White	On
Amber	Standby mode
Off	Off

2. ⏻ Power Button:
   - Press this button to turn the monitor on/off.

3. ▣ GameVisual Button:

   This is shortcut 2.
   - Press this Shortcut to switch from nine video preset modes (Scenery Mode, Racing Mode, Cinema Mode, RTS/RPG Mode, FPS Mode, sRGB Mode, MOBA Mode, Night Vision and User Mode) with GameVisual™ Video Intelligence Technology.

4. 🎮 GamePlus Button:

   This is shortcut 1.
   - **GamePlus:** The GamePlus Function provides a toolkit and creates a better gaming environment for users when playing different types of games. Particularly, Crosshair function is specially designed for new gamers or beginners interested in First Person Shooter (FPS) games.

   To active GamePlus:
   - Press GamePlus Button to enter the GamePlus main menu.

- • Active FPS Counter, Crosshair, Timer, Stopwatch or Display Alignment.
- • Move the ☰(◎) button up/down to select and press ☰(◎) to confirm the function needed. Press ✕ to go off, and exit.
- • Crosshair/Timer/Stopwatch/FPS Counter is movable by pressing ◎ 5-way key.

GamePlus main menu	GamePlus-FPS
GamePlus ▣ FPS Counter ＞ ⊕ Crosshair ＞ ◷ Timer ＞ ◷ Stopwatch ⬤ ▤ Display Alignment ⬤	FPS Counter ⊘ OFF ◉ 001 Number ○ ▥ Bar Graph ○
GamePlus-Crosshair	GamePlus-Timer
Crosshair Dynamic Crosshair ⬤ ⊘ OFF ◉ • ○ • ○ ✛ ○ ✛ ○ ✛ ○ ✛ ○	Timer ⊘ OFF ◉ 30:00 ○ 40:00 ○ 50:00 ○ 60:00 ○ 90:00 ○

5. ✕ Close Button:
- • Exit the OSD menu.

6. ☰ (5-way) Button:
- • Turn on the OSD menu. Enact the selected OSD menu item.
- • Increase/Decrease values or moves your selection up/down/left/right.

2.1   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˚ to -5˚

-5°~+23°
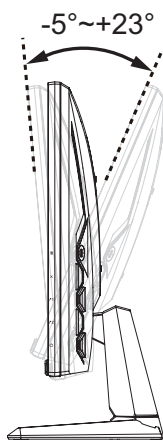
It is normal that the monitor slightly shakes while you adjust the viewing angle.

2.2   Detaching the arm (for VESA wall mount)

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

To detach the arm/base:

1.   Disconnect power and signal cables. Carefully put the front of the monitor face down on a clean table.

2.   Remove the four (4) screws securing the arm to the rear of the monitor.

3.   Detach the stand (arm and base) from the monitor.
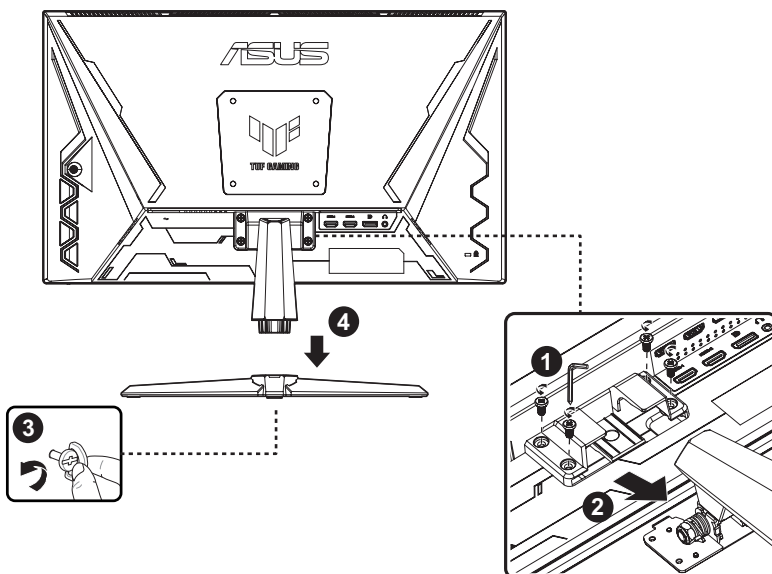
We recommend that you cover the table surface with soft cloth to prevent damage to the monitor.

•   The VESA wall mount kit (100 x 100 mm) is purchased separately.

•   Use only the UL Listed Wall Mount Bracket with minimum weight/load 12 kg (Screw size: M4 x 12 mm).

2.3   Outline dimensions

Unit: mm [inch]
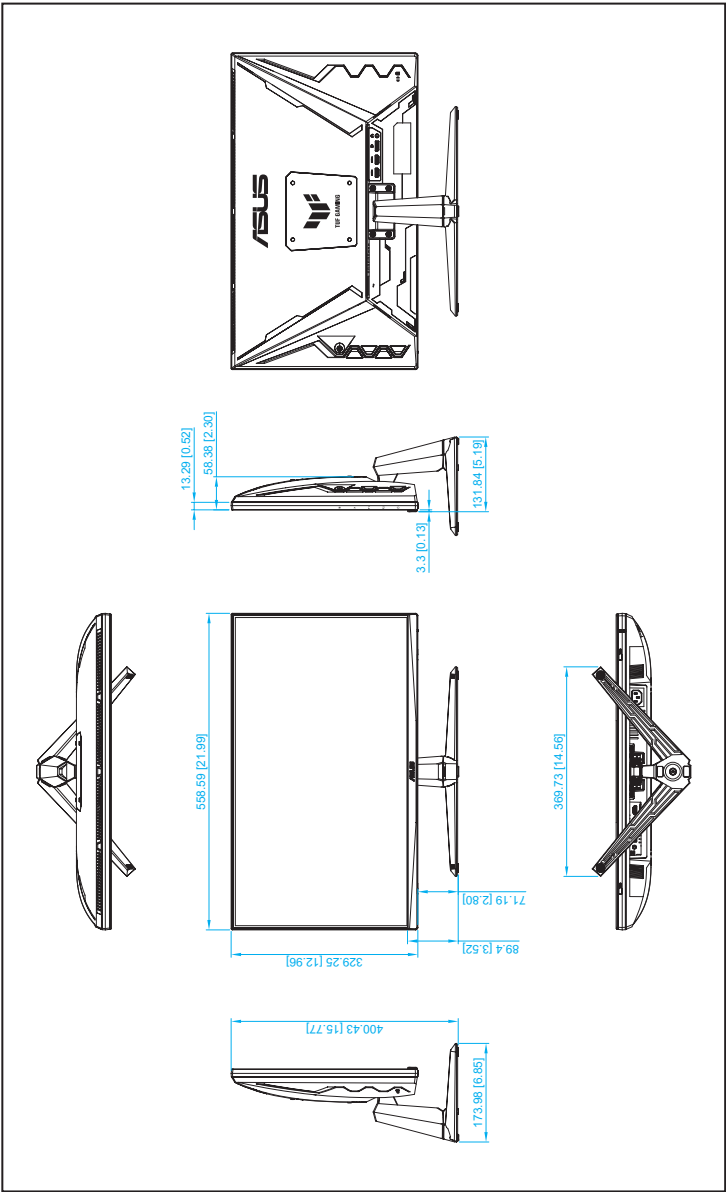
3.1 OSD (On-Screen Display) menu

3.1.1 How to reconfigure
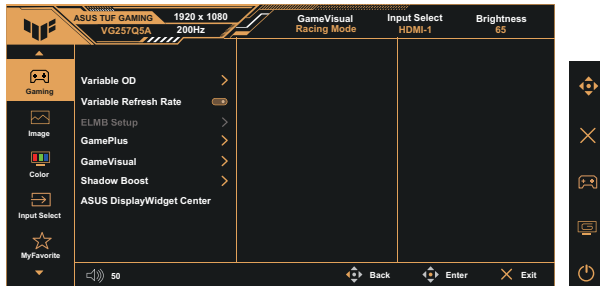
1. Press Central of 5-way to activate the OSD menu.

2. Press the ▼ and ▲ buttons to toggle between options in the Menu. As you move from one icon to another, the option name is highlighted.

3. To select the highlighted item on the menu press the Central key.

4. Press the ▼ and ▲ buttons to select the desired parameter.

5. Press the Central key to enter the slide bar and then use the ▼ and ▲ buttons, according to the indicators on the menu, to make your changes.

6. Press the ◄/► to move left / right menu.

3.1.2   OSD function introduction

1.   Gaming

This function contains seven sub-functions that you can select for your preference.
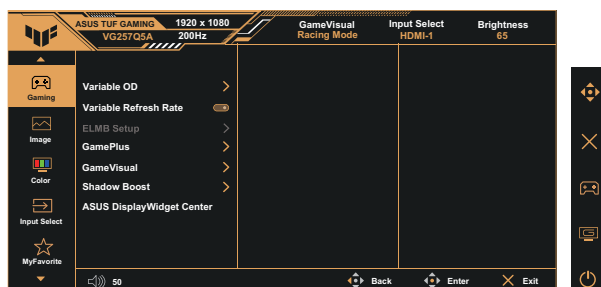
- **Variable OD:** The adjusting range is from level 1 to level 5.The default setting is level 3.

- **Variable Refresh Rate:** Allow an 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.

> - For supported GPUs, minimum PC system and driver requirements, please contact the GPU manufactures.

- **ELMB Setup:**

    - **ELMB:** When **Variable Refresh Rate** is **Off**, this function can only be activated when the refresh rate is higher than 100Hz.

    - **ELMB SYNC:** Allows you to turn on the function when **Variable Refresh Rate** is **On**. This function eliminates screen tearing, reduces ghosting and motion blur when playing games.

> - When ELMB is On, the Variable Refresh Rate, Blue Light Filter, ASCR, ELMB SYNC, Aspect Control and Brightness are not user-configurable.
> - When ELMB SYNC is On, the Blue Light Filter, ASCR, Aspect Control and Brightness are not user-configurable.

- **GamePlus:** Activate FPS Counter, Crosshair, Timer, Stopwatch or Display Alignment function.

- **GameVisual:** This function contains nine sub-functions that you can select for your preference.

> - In the sRGB Mode, the Shadow Boost, Contrast, ASCR, Blue Light Filter, Display Color Space, Color Temp. and Saturation are not user-configurable.

• **Shadow Boost:** Dark color enhancement adjust monitor gamma curve to enrich the dark tones in an image making dark scenes and objects much easier be found.

• **ASUS DisplayWidget Center:** DisplayWidget Center is a powerful monitor management software, which is designed to help you optimize, personalize, and fully utilize your display. Scan the QR code to access the website for more information.

2. **Image**

You can adjust Brightness, Contrast, ASCR, Aspect Control, Blue Light Filter and VividPixel from this main function.
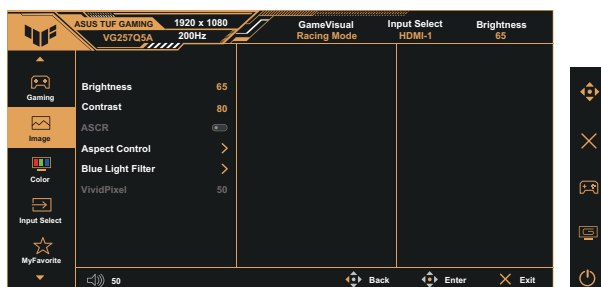
• **Brightness:** The adjusting range is from 0 to 100.

• **Contrast:** The adjusting range is from 0 to 100.

• **ASCR:** Select **ON** or **OFF** to enable or disable dynamic contrast ratio function,ASCR is Disabled when ELMB is on.

• **Aspect Control:** Adjusts the aspect ratio to **"Full"** or **"Square"**.

• **Blue Light Filter:** Adjust the energy level of blue light emitted from LED backlight.

| | • | Between Level 1 to Level 3, the Brightness function is user-configurable. |
| | • | Level 4 is optimized setting. It is compliance with TUV Low Blue Light Certification. 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 reduces 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 avoiding CVS (Computer Vision Syndrome).

- **VividPixel:** ASUS Exclusive Technology that brings lifelike visuals for crystal-clear and detail-oriented enjoyment. The adjusting range is from 0 to 100.

3. **Color**

   Select the image color you like from this function.
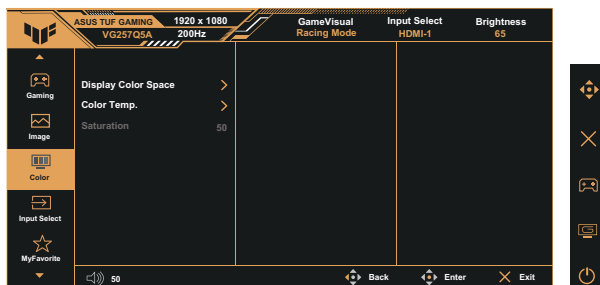
- **Display Color Space:** Select the Color Space (sRGB, DCI-P3 and Wide Gamut).
- **Color Temp.:** Contains three preset color modes **(Cool, Normal, Warm)** and **User** Mode.
- **Saturation:** The adjusting range is from 0 to 100.

- In the User Mode, colors of R (Red), G (Green), and B (Blue) are user-configurable; the adjusting range is from 0 ~ 100.

4. **Input Select**

   Select your desired input source and toggle the Auto Input Detection function between on and off. The monitor input source will not automatically switch when the Auto Input Detection function is disabled.
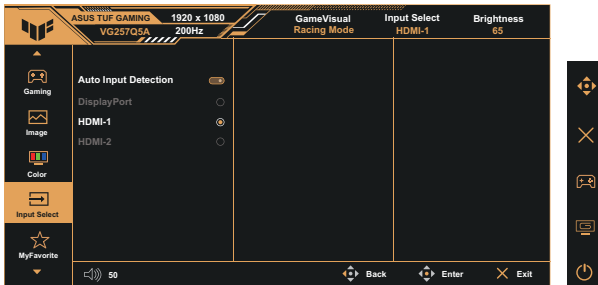
5. **MyFavorite**

   You can adjust Shortcut and Customized Setting from this main function.
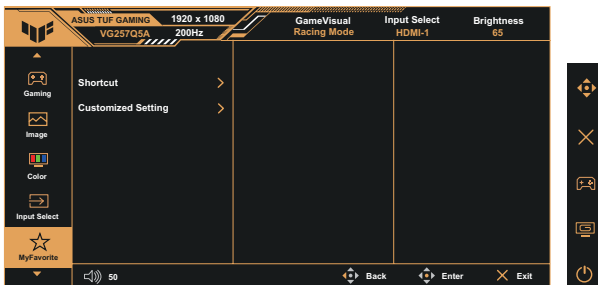
- **Shortcut:** User can select from "GamePlus", "GameVisual", "Variable OD", "Brightness", "Mute", "Shadow Boost", "Contrast", "Input Select", "Blue Light Filter", "Color Temp.", "Volume", "Customized Setting-1", "Customized Setting-2" and set as shortcut key.

- **Customized Setting:** You can do your setting according to your favorite.

6. System Setup

Adjusts the system configuration.

ASUS TUF GAMING	1920 x 1080		GameVisual	Input Select	Brightness
VG257QSA	200Hz		Racing Mode	HDMI-1	65

System Setup

Language >
Sound >
Power Indicator
Power Key Lock
Key Lock
Power Setting >
OSD Setup >
DisplayPort Stream >

◁)) 50   Back   Enter   ✕ Exit

- **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.
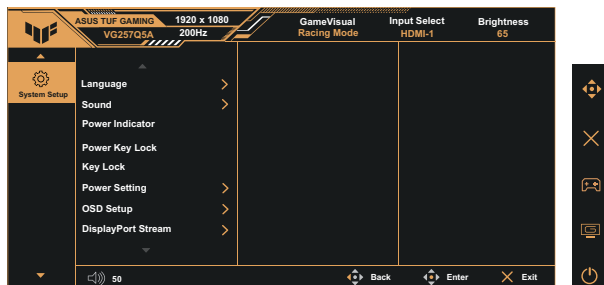
- **Sound:** Adjust the output volume level or mute the audio.

- **Power Indicator:** Turn the power LED indicator on/off.

- **Power Key Lock:** To disable / enable power key.

- **Key Lock:** Disable all key functions. Pressing down key for more than five seconds to disable key lock function.

- **Power Settng:** Select the power setting mode.

  - **Performance Mode:** Standard mode setting may result in higher power consumption.

  - **Power Saving Mode:** Power saving mode may cause limited luminance performance.

- **OSD Setup:**

  - Adjusts the horizontal position (H-Position) / the vertical position (V-Position) of the OSD.

  - Adjusts the OSD timeout from 10 to 120 seconds.

  - Adjusts the OSD background from opaque to transparent.

  - Enables or disables the DDC/CI function.

- **DisplayPort Stream:** Select **DisplayPort 1.2** if your graphics card is not compatible with **DisplayPort 1.4**.

- **Information:** Displays the monitor information.

- **All Reset:** Selects "**Yes**" to revert all settings to the factory default mode.

3.2   Specifications

Model	VG257Q5A
Panel Size	24.5"W (16:9, 62.23 cm) wide screen
Max. Resolution	1920x1080@200Hz
Pixel pitch	0.2832 mm (H) × 0.2802 mm (V)
Brightness (Typ.)	300cd/m²
Contrast Ratio (Typ.)	3500:1
Viewing Angle (CR>10)	178°(H) / 178°(V)
Display Colors	16.7 M colors
Response Time	1ms MPRT, 0.5ms GTG (min.)
Color temperature selection	4 color temperatures
HDMI input	Yes, HDMI (2.0) x2
DisplayPort input	Yes, DP 1.4 (HBR2) x2
Earphone jack	Yes
Audio input	No
Speaker (Built-in)	Yes, 2Wx2
Colors	Black
Power LED	White (On)/Amber (Standby)
Tilt	-5° ~ +23°
VESA Wall Mounting	100mm x 100mm
Kensington lock	Yes
Voltage rating	AC: 100~240V
Power consumption	Power On: 29 W (Typ), Standby: < 0.5 W (Typ), Power Off: < 0.3 W
Temperature (Operating)	0˚C~40˚C
Temperature (Non-operating)	-20˚C~+60˚C
Dimension without stand (WxHxD)	558.59 x 329.25 x 62.62mm
Dimension with stand (WxHxD)	558.59 x 400.43 x 173.98mm
Box Dimension (WxHxD)	620 x 414 x 143 mm
Weight (Esti.)	3.8 kg (Net); 3.2 kg (without stand); 5.3 kg (Gross)

*Specifications are subject to change without notice.

3.3   Troubleshooting (FAQ)

Problem	Possible Solution
Power LED is not ON	• 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 Power Indicator function in main menu OSD. Select "ON" to turn on power LED.
The power LED lights amber and there is no screen image	• 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	• Adjust the Contrast and Brightness settings via OSD.
Screen image bounces or a wave pattern is present in the image	• 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)	• Inspect the signal cable and make sure that none of the pins are bent. • Perform Reset via OSD. • Adjust the R/G/B color settings or select the Color Temperature via OSD.
No sound or sound is low	• Adjust the volume settings of both your monitor and computer. • Make sure the computer sound card driver is properly installed and activated.

3.4   Supported Timing List

PC Timings List of HDMI / DP input

Resolution Frequency	HDMI	DP
640 x 480-60Hz	V	V
640 x 480-67Hz	V	V
640 x 480-72Hz	V	V
640 x 480-75Hz	V	V
720 x 400-70Hz	V	V
800 x 600-56Hz	V	V
800 x 600-60Hz	V	V
800 x 600-72Hz	V	V
800 x 600-75Hz	V	V
1024 x 768-60Hz	V	V
1024 x 768-70Hz	V	V
1024 x 768-75Hz	V	V
1152 x 864-75Hz	V	V
1280 x 720-60Hz	V	V
1280 x 960-60Hz	V	V
1280 x 1024-60Hz	V	V
1280 x 1024-75Hz	V	V
1440 x 900-60Hz	V	V
1920 x 1080-60Hz	V	V
1920 x 1080-100Hz	V	V
1920 x 1080-120Hz(CEA)	V	V
1920 x 1080-144Hz	V	V
1920 x 1080-180Hz	V	V
1920 x 1080-200Hz	V	V
720 x 480P-60Hz	V	V
720 x 576P-50Hz	V	V
1280 x 720P-50Hz	V	V
1280 x 720P-60Hz	V	V
1440 x 480P-60Hz	V	V
1440 x 576P-50Hz	V	V
1920 x 1080P-50Hz	V	V
1920 x 1080P-60Hz	V	V