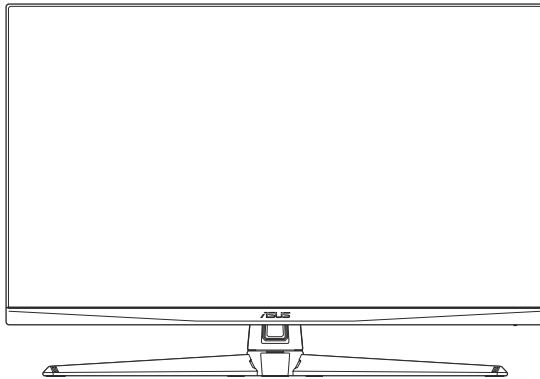


ASUS®

**TUF Gaming Monitor
VG32U Series**

User Guide



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

Copyright © 2023 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

Notices.....	iv
Safety information	v
Care & Cleaning	vi
Takeback Services	vii
Product information for EU energy label	vii
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	1-3
1.3.3 GamePlus Function	1-4
1.3.4 GameVisual Function.....	1-5
2.1 Assembling the monitor arm/base	1-6
2.2 Adjusting the monitor.....	2-1
2.3 Detaching the arm (for VESA wall mount)	2-1
2.4 Cable management	2-2
2.5 Connecting the cables.....	2-2
2.6 Turning on the monitor	2-3
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 Specifications.....	3-9
3.3 Outline dimensions.....	3-11
3.4 Troubleshooting (FAQ).....	3-12
3.5 Supported timing list	3-13

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.



WARNING: 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 Règlement sur le matériel brouilleur du Canada.



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.
- 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.
- The adapter is only used for this monitor, do not use it for other purpose.
- Your device uses one of the following power supplies:
 - Manufacturer: Delta Electronics, Inc., Model: ADP-120VH B



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 yönetmeliine 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

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:

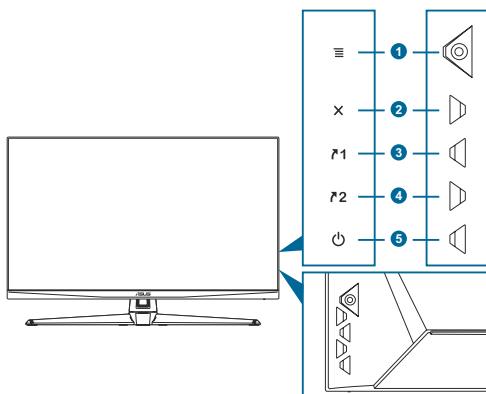
- ✓ LCD monitor
- ✓ Monitor base
- ✓ Monitor arm
- ✓ Quick Start Guide
- ✓ Warranty card
- ✓ Power adapter
- ✓ Power cord
- ✓ DisplayPort cable (optional)
- ✓ HDMI cable (optional)
- ✓ USB cable (optional)




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

1.3 Monitor introduction

1.3.1 Front view

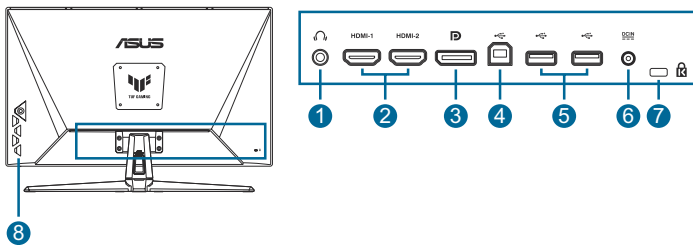


- ☰ (Ⓞ 5-way) button:**
 - Turns on the OSD menu. Enacts the selected OSD menu item.
 - Increases/Decreases values or moves your selection up/down/left/right.
 - Displays the input selection bar when the monitor enters standby mode or displays the “NO SIGNAL” message.
- ✕ button:**
 - Exits the OSD menu item.
 - Displays the input selection bar when the monitor enters standby mode or displays the “NO SIGNAL” message.
 - Toggles the Key Lock function between on and off with a long press for 5 seconds.
- ↗1 Shortcut 1 button:**
 - Default: GamePlus.
 - To change the shortcut function, go to the MyFavorite > Shortcut > Shortcut 1 menu.
 - Displays the input selection bar when the monitor enters standby mode or displays the “NO SIGNAL” message.
- ↗2 Shortcut 2 button:**
 - Default: GameVisual.
 - To change the shortcut function, go to the MyFavorite > Shortcut > Shortcut 2 menu.

- Displays the input selection bar when the monitor enters standby mode or displays the “NO SIGNAL” message.
5.  Power button/power indicator:
- Turns the monitor on/off.
 - The color definition of the power indicator is as the below table.

Status	Description
White	ON
Amber	Standby mode/No signal
OFF	OFF

1.3.2 Back view










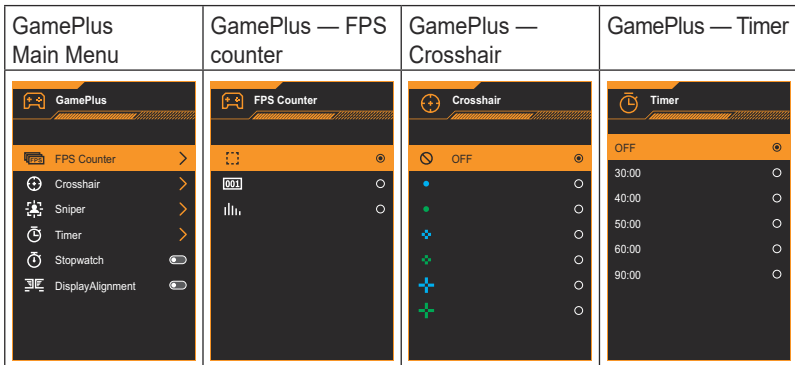
1. **Earphone jack.** This port is only available when an HDMI/ DisplayPort/Type-C cable is connected.
2. **HDMI ports.** These ports are for connection with an HDMI compatible devices.
3. **DisplayPort.** This port is for connection for a DisplayPort compatible device.
4. **USB Type-B.** This port is for connection with a USB upstream cable. The connection enables the USB ports on the monitor.
5. **USB Type-A.** These ports are for connection with USB devices, such as USB keyboard/mouse, USB flash drive, etc and for firmware upgrade.
6. **DCIN port.** This port connects the power adapter.
7. **Kensington lock slot.**
8. **Control buttons.**

1.3.3 GamePlus Function

The GamePlus function provides a toolkit and creates a better gaming environment for users when playing different types of games. The FPS (frames per second) counter lets you know how smooth the game is running. The crosshair overlay with 6 different crosshair options letting you choose the one that best suits the game you're playing. There are also on screen timer and stopwatch you can position on the left of the display so you can keep track of the gaming time. Display Alignment displays alignment lines on 4 sides of the screen, serving as an easy and handy tool for you to line up multiple monitors perfectly.

To active GamePlus:

1. Press the GamePlus hotkey.
2. Move the  (⊙) button up/down to select among different functions.
3. Press the  (⊙) button or move the  (⊙) button right to confirm the function you choose, and move the  (⊙) button up/down to navigate through the settings. Move the  (⊙) button left to go back, off, and exit.
4. Highlight the desired setting and press the  (⊙) button to activate it. Press the  button to inactivate it.



1.3.4 GameVisual Function

The GameVisual function helps you select among different picture modes in a convenient way.

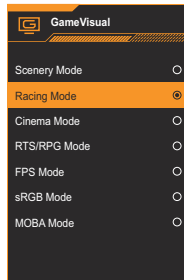
To active GameVisual:

Press the GameVisual hotkey repeatedly to select.

- **Scenery mode:** This is the best choice for scenery photo displaying with GameVisual™ Video intelligence Technology.
- **Racing Mode:** This is the best choice for racing game playing with GameVisual™ Video intelligence Technology.
- **Cinema Mode:** This is the best choice for movie watching with GameVisual™ Video intelligence Technology.
- **RTS/RPG Mode:** This is the best choice for Real-Time Strategy (RTS)/Role-Playing Game (RPG) playing with GameVisual™ Video intelligence Technology.
- **FPS Mode:** This is the best choice for First Person Shooter game playing with GameVisual™ Video intelligence Technology.
- **sRGB Mode:** This is the best choice for viewing photos and graphics from PCs.
- **MOBA Mode:** This is the best choice for multiplayer online battle arena game playing with GameVisual™ Video intelligence Technology.



-
- In the Racing mode, the following function(s) are not user-configurable: Saturation and ASCR.
 - In the sRGB mode, the following function(s) are not user-configurable: Brightness, Contrast, Saturation, Color Temp., and ASCR.
 - In the MOBA mode, the following function(s) are not user-configurable: Saturation and ASCR.
-



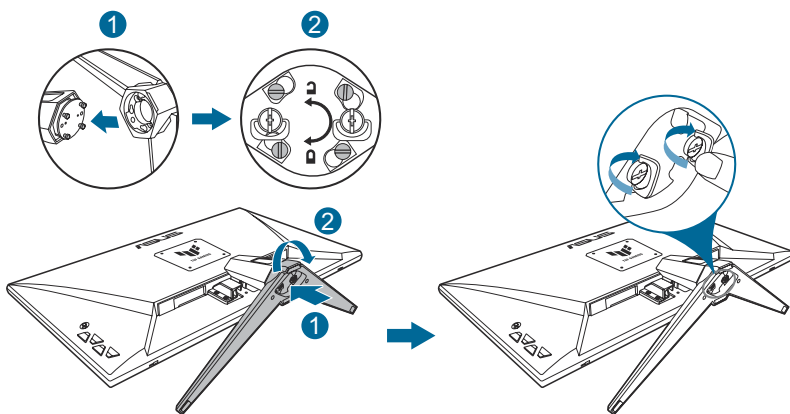
2.1 Assembling the monitor arm/base

To assemble the monitor base:

1. Have the front of the monitor face down on a table.
2. Attach the base into the arm, making sure the tab on the arm fits into the groove on the base.
3. Fix the base to the arm by fastening the bundled screw(s).



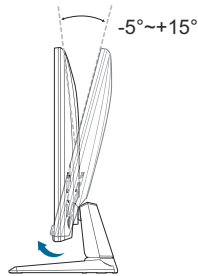
We recommend that you cover the table surface with soft cloth to prevent damage to the monitor.



- Base screw size: M4 x 8 mm.

2.2 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.
- The recommended adjusting angle is -5° to 15° .



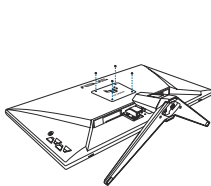
- It is normal that the monitor slightly shakes while you adjust the viewing angle.

2.3 Detaching the arm (for VESA wall mount)

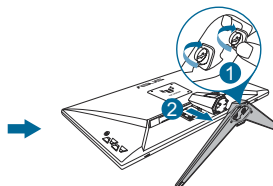
The detachable arm/base of this monitor is specially designed for VESA wall mount.

To detach the arm/base:

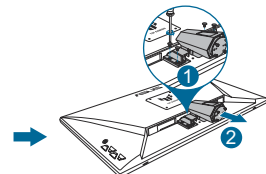
1. Have the front of the monitor face down on a table.
2. Remove the rubbers in the four screw holes. (Figure 1)
3. Remove the base. (Figure 2)
4. Use a screwdriver to remove the screw on the hinge (Figure 3), then remove the hinge.



(Figure 1)



(Figure 2)



(Figure 3)



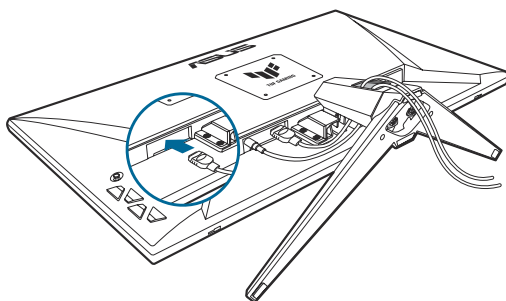
- We recommend that you cover the table surface with soft cloth to prevent damage to the monitor.



- The VESA wall mount kit (100 x 100 mm) is purchased separately.
- Use only the UL Listed Wall Mount Bracket with minimum weight/load 22.7kg (Screw size: M4 x 8 mm).

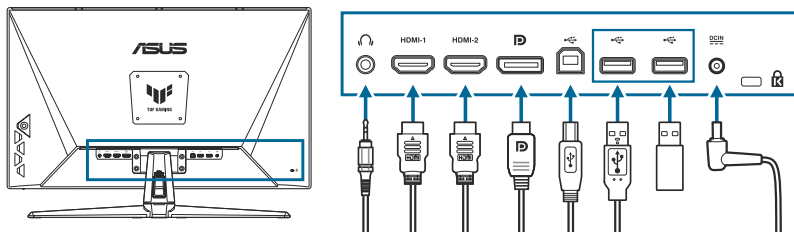
2.4 Cable management

You can organize the cables using the cable management slot. Remove the cover before putting the cables through the slot and attach the cover back on.



2.5 Connecting the cables

Connect the cables as the following instructions:



- **To use the earphone:** Connect the end with plug type to the monitor's earphone jack when an HDMI/DisplayPort signal is fed.



- **To connect the HDMI/DisplayPort cable:**
 - a. Plug one end of the HDMI/DisplayPort cable to the monitor's HDMI/DisplayPort jack.
 - b. Connect the other end of the HDMI/DisplayPort cable to your device's HDMI/DisplayPort jack.
- **To use the USB 3.2 type-A/B ports:** Take the supplied USB 3.2 cable, and plug the smaller end (type-B) of the USB upstream cable to the monitor's USB upstream port, and the larger end (type-A) to your computer's USB 3.2 port. Make sure your computer is installed with the latest Windows 8.1/Windows 10/ Windows 11 operating system. That will enable the USB ports on the monitor to work.



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

- **To connect the power cord:**
 - a. Connect the power adapter securely to the monitor's DC input.
 - b. Connect one end of the power cord to the power adapter and the other end to a power outlet.










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**.

3.1 OSD (On-Screen Display) menu

3.1.1 How to reconfigure



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

3.1.2 OSD function introduction

1. Gaming



- **Overclocking:**

- * **ON:** This function allows you to adjust the refresh rate.
- * **Max Refresh Rate:** Allows you to select a maximum refresh rate of 160Hz. After selecting, press the (Ⓢ) button to activate the setting.



- Overclocking may cause screen flickering. To reduce such effects, disconnect the DisplayPort cable and use the monitor OSD menu to try again with a safer Max. Refresh rate.

- **Variable OD:** Speeds up the response time by Over Drive technology. Including Level 0~Level 5.
- **Variable Refresh Rate:** Allows 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.



- **Variable Refresh Rate** can only be activated within 48Hz~160Hz for both HDMI and DisplayPort.
- For supported GPUs, minimum PC system and driver requirements, please contact the GPU manufactures..

- **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 **Variable Refresh Rate** is **Off**, this function can only be activated when the refresh rate is 120Hz, 144Hz, or 160Hz.
-

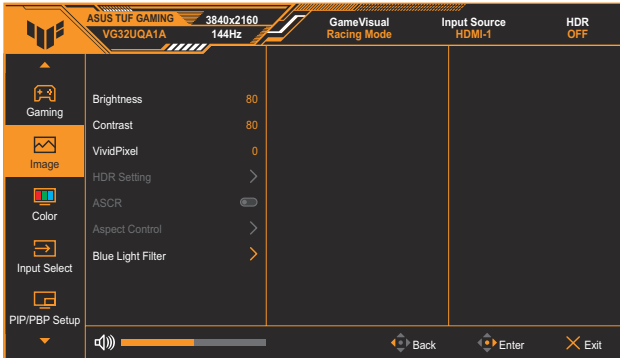
- **GamePlus**: See page 1-4 for details.
- **GameVisual**: See page 1-5 for details.
- **Shadow Boost**: Dark color enhancement adjusts monitor gamma curve to enrich the dark tones in an image, making dark scenes and objects much easier to be seen.



-
- This function is only available in Racing mode, RTS/RPG mode, FPS mode, or sRGB mode.
-

2. Image

Adjust the image settings.



- **Brightness:** The adjusting range is from 0 to 100.



- This function is not available when ELMB/ELMB SYNC is enabled.

- **Contrast:** The adjusting range is from 0 to 100.
- **VividPixel:** Enhances the outline of the displayed picture and generates high-quality images on screen.
- **HDR Setting:** Set the HDR mode to ASUS Gaming HDR, ASUS Cinema HDR, or Console HDR. The HDR brightness can be adjusted when the Brightness Adjustable function is enabled.



- When detecting HDR content, an “HDR ON” message will pop up. When displaying HDR content, the following function(s) are not available: ELMB, GameVisual, Shadow Boost, Brightness, Contrast, ASCR, Aspect Control, Blue Light Filter, Color Temp., Gamma, and Saturation.

- **ASCR:** Turns on/off the ASCR (ASUS Smart Contrast Ratio) function.



- This function is only available under **Scenery Mode, Cinema Mode, RTS/RPG Mode** or **FPS Mode**.

- **Aspect Control:** Select the aspect ratio and adjust the screen position.



- This function is not available when **HDR** is enabled.

- **Blue Light Filter:**

- * **Level 0:** No change.
- * **Level 1~4:** The higher the level, the less blue light is scattered. When Blue Light Filter is activated, the default settings of Racing Mode will be automatically imported. 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.

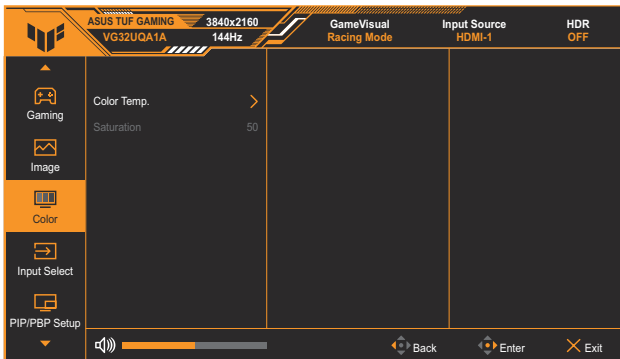


Please refer to the following to alleviate eye strains:

- 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 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 avoiding CVS (Computer Vision Syndrome).

3. Color

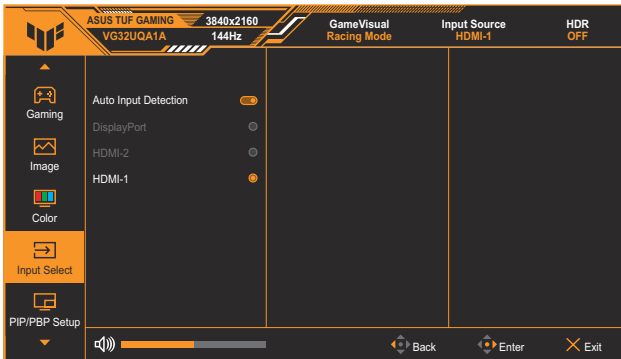
Set a desired color setting from this menu.



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

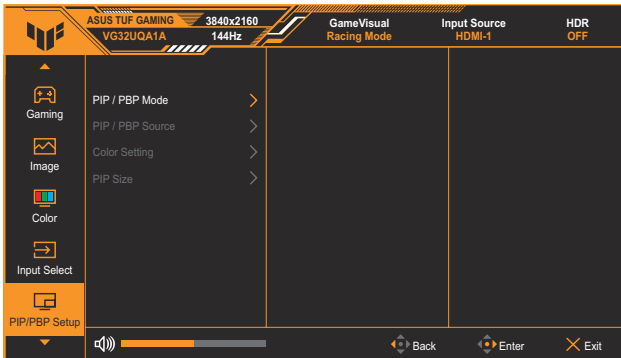
4. Input Select

In this function, you can select your desired input source or allow to automatically detect the input source.



5. PIP/PBP Setup

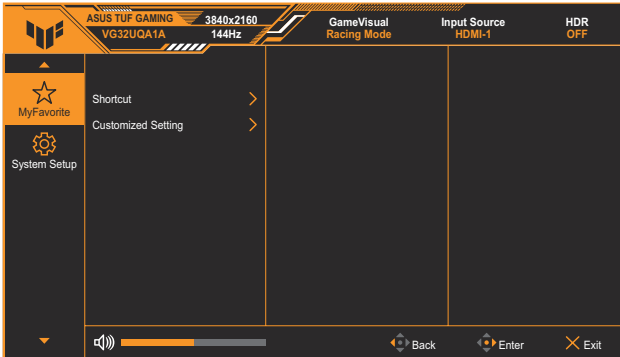
Configure the multi-picture related settings. The PBP mode cannot be enabled when the Variable Refresh Rate function is enabled.



- **PIP/PBP Mode:** Enable the PIP/PBP function and select the split screen type.
- **PIP/PBP Source:** Select the video input source for the designated split screen.
- **Color Setting:** Set the GameVisual mode for the designated split screen.
- **PIP Size:** Adjust the inset window size.

6. MyFavorite

Adjust **Shortcut** and **Customized Setting** from this main function.



- **Shortcut 1/Shortcut 2:** Sets the shortcut functions for shortcut buttons.

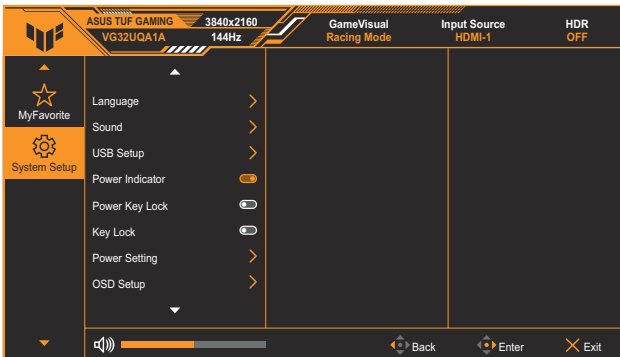


- When a certain function is selected or activated, your shortcut button may not support. Available function choices for shortcut: **GamePlus, GameVisual, Variable OD, Brightness, Mute, Shadow Boost, Contrast, Input Select, HDR Setting, Blue Light Filter, Volume, and Customized Setting-1/Customized Setting-2.**

- **Customized Setting:** Loads/Saves all settings on the monitor.

7. System Setup

Adjust the system configuration.



- **Language:** Selects an available language for the OSD menu. The options include English, French, German, Spanish, Italian, Dutch, Russian, Polish, Japanese, Korean, Persian, Thai, Indonesian, and Ukrainian.
- **Sound:**
 - * **Volume:** Adjusts the volume level from 0 to 100.
 - * **Mute:** If checked, mutes the volume.
 - * **Sound Source:** Select the monitor sound comes from which source.
- **USB Setup > USB Hub:** Configure USB port settings.
 - * **On During Standby** allows the USB downstream ports to charge external devices when the monitor is turned on or in standby mode.
 - * **Off During Standby** allows the USB downstream ports to charge external devices only when the monitor is turned on.
- **Power Indicator:** Turns the power LED indicator on/off.
- **Power Key Lock:** Enables or disables the power key.
- **Key Lock:** Enable this function to disable all function keys. Press the **Navigation** button down for more than five seconds to cancel the key lock function.
- **Power Setting:** Sets the power mode. If the setting is set to **Standard Mode**, it may result in higher power consumption. On the other hand, if the setting is set to **Power Saving Mode**, it may cause limited luminance performance.
- **OSD Setup:**
 - * Sets the OSD menu position.
 - * 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 or DisplayPort 1.4 according to the graphic card DP version.
- **Information:** Shows the monitor information.
- **All Reset:** Select **YES** to revert all settings to the factory default mode.

3.2 Specifications

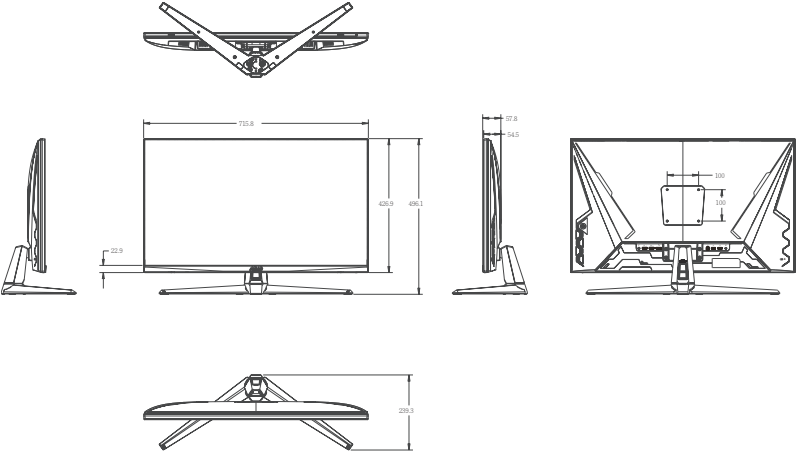
Model	VG32UQA1A
Panel Size	31.5 inches (80.01 cm) diagonal
Max. Resolution	3840 (H) x 2160 (V) pixels
Brightness (Typ.)	400 cd/m ²
Contrast Ratio (Typ.)	2500:1
Viewing Angle (CR≤10)	178°(V); 178°(H)
Display Colors	1.07B colors (8 bits+Hi-FRC)
Response Time (Typ.)	<4ms (G to G), 1ms MPRT
Color temperature selection	4 color temperatures
Digital input	HDMI v2.1 x 2, DisplayPort v1.4 x 1, Audio out x 1, USB Type-B x 1, USB Type-A x 2
Earphone jack	Yes
Audio input	No
Speaker (Built-in)	2 W x 2 Stereo, RMS
Colors	Black
Power LED	White (On)/Amber (Standby)
Tilt	+15° ~ -5°
Pivot	No
Swivel	No
Height adjustment	No
VESA wall mounting	100 x 100 mm
Kensington lock	Yes
Voltage Rating	120W adapter DC 20V 6A AC 100 ~ 240V at 50/60Hz (Delta Electronics, Inc. ADP-120VH B)
Power consumption	<45W**
Standby power consumption	< 0.5 W
Power off power consumption	< 0.3 W
Temperature	Operating temperature: 0 ~ 40°C Non-operating temperature: -20 ~ 60°C
Dimension (W x H x D) without stand	716 x 427 x 55 mm
Dimension (W x H x D) with stand	716 x 496 x 214 mm
Box Dimension (W x H x D)	950 x 550 x 156 mm
Net Weight (incl. stand)	7.5 kg
Gross Weight (Esti.)	10.5 kg

Model	VG32UQA1A
Multi-language	27 Languages (English, Simplified Chinese, Traditional Chinese, Japanese, Russian, Spanish, Italian, German, French, Dutch, Portuguese, Czech, Croatia, Romania, Turkish, Arabic, Danish, Finnish, Greek, Hungarian, Slovak, Slovenian, Swedish, Polish, Korean & Persian),Ukraine
Accessories	Adapter, Power Cord, HDMI cable(optional), DP cable(optional), USB cable(optional), Warranty Card, QSG
Compliance and Standards	cTUVus, CU, CB, CE, ErP, FCC, ICES-3, EU Energy label, CEC, CCC, RCM, BSMI, VCCI, RoHS, J-MOSS, MEPS, WEEE, Windows 8.1/10/11 WHQL, CEL, KCC, e-Standby, sDoC ,TUV flicker free and low blue light, HDMI and DP certified, FreeSync premium, UkrSEPRO


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

**** Measuring a screen brightness of 200 nits without audio/ USB/ Card reader connection.**

3.3 Outline dimensions



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 adapter is connected to the monitor and the power cord is properly connected to the adapter 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	<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 Reset via OSD. • Select the appropriate Color Temperature via OSD.
No sound or sound is low	<ul style="list-style-type: none"> • Adjust the volume settings of both your monitor and computer. • Make sure the computer sound card driver is properly installed and activated.

3.5 Supported timing list

Resolution Frequency	HDMI	DP
	Refresh Rate	Refresh Rate
640x480	60Hz	60Hz
640x480	75Hz	75Hz
720x480	60Hz	60Hz
800x600	60Hz	60Hz
800x600	75Hz	75Hz
1024x768	60Hz	60Hz
1024x768	75Hz	75Hz
1280x1024	60Hz	60Hz
1280x720	60Hz	60Hz
1440x900	60Hz	60Hz
1680x1050	60Hz	60Hz
1920x1080	24Hz	60Hz
1920x1080	50Hz	60Hz
1920x1080	60Hz	50Hz
1920x1080	100Hz	120Hz
1920x1080	120Hz	100Hz
1920x2160	x	60Hz
2560x1440	60Hz	60Hz
2560x1440	120Hz	120Hz
2560x1440	144Hz	144Hz
3840x2160	24Hz	x
3840x2160	30Hz	30Hz
3840x2160	50Hz	50Hz
3840x2160	60Hz	60Hz
3840x2160	100Hz	100Hz
3840x2160	120Hz	120Hz
3840x2160	144Hz	144Hz
3840x2160	160Hz (overclock)	160Hz (overclock)