



GIGABYTE M32UP UHD Gaming Monitor Instruction Manual

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GIGABYTE M32UP UHD Gaming Monitor Instruction Manual



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- In order to assist in the use of this monitor, carefully read the User Guide.
- For more information, check on our website at: <https://www.gigabyte.com>



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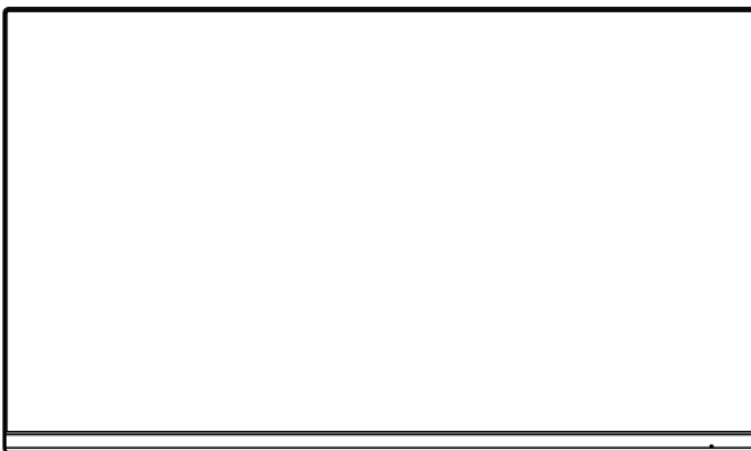
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INTRODUCTION

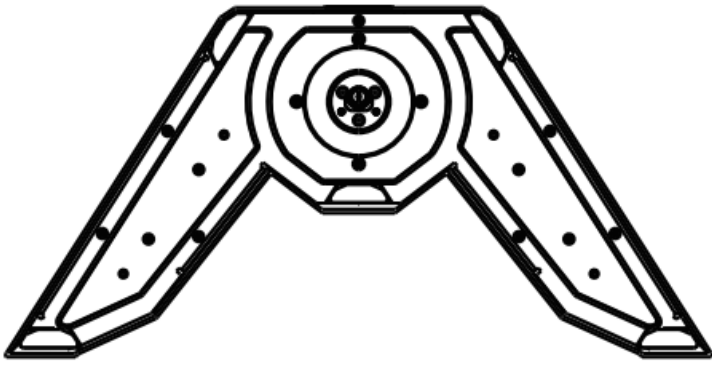
Package Contents

The following items come with your packaging box. If any of them is missing, please contact your local dealer.

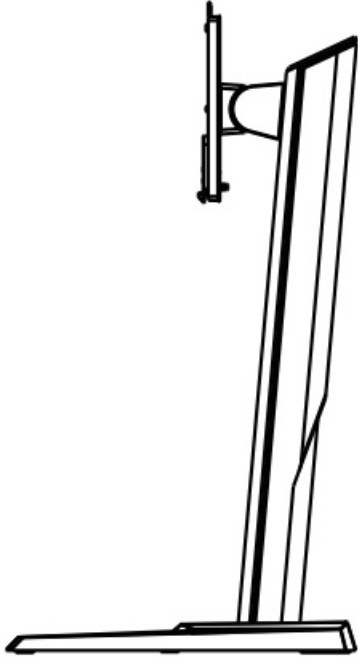
- Monitor



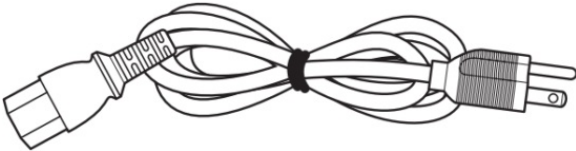
- Monitor Base



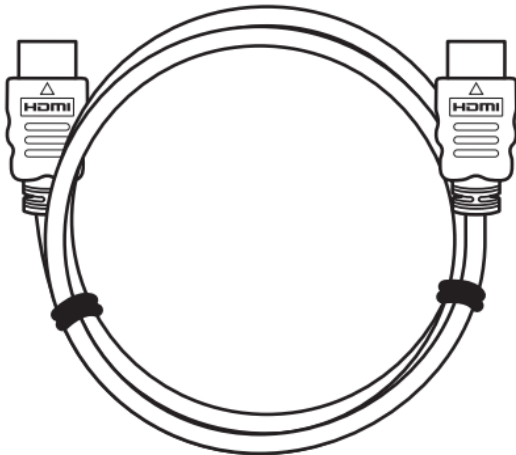
- Stand



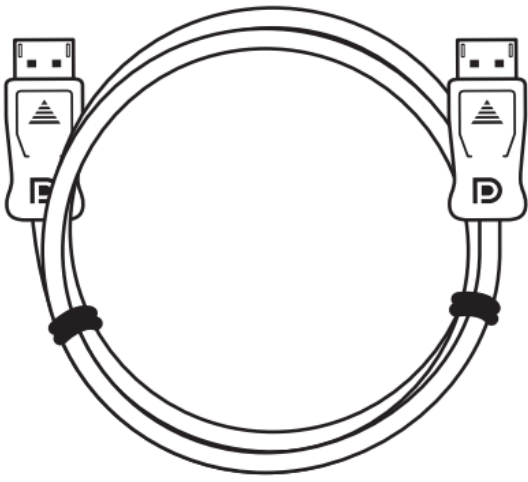
- Power Cable



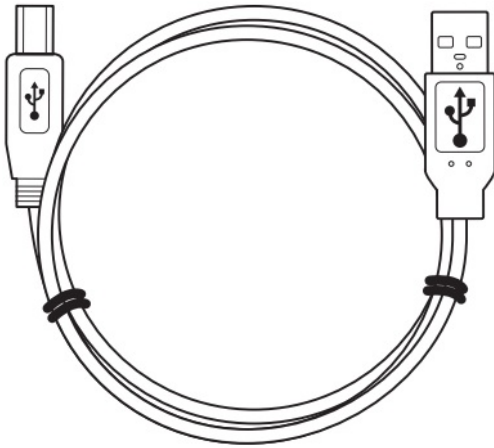
- HDMI Cable



- DP Cable



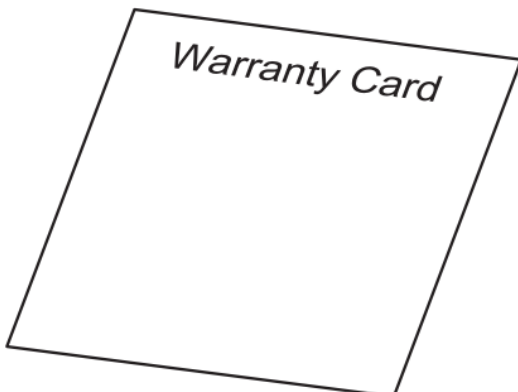
- USB Cable



- Quick Start Guide

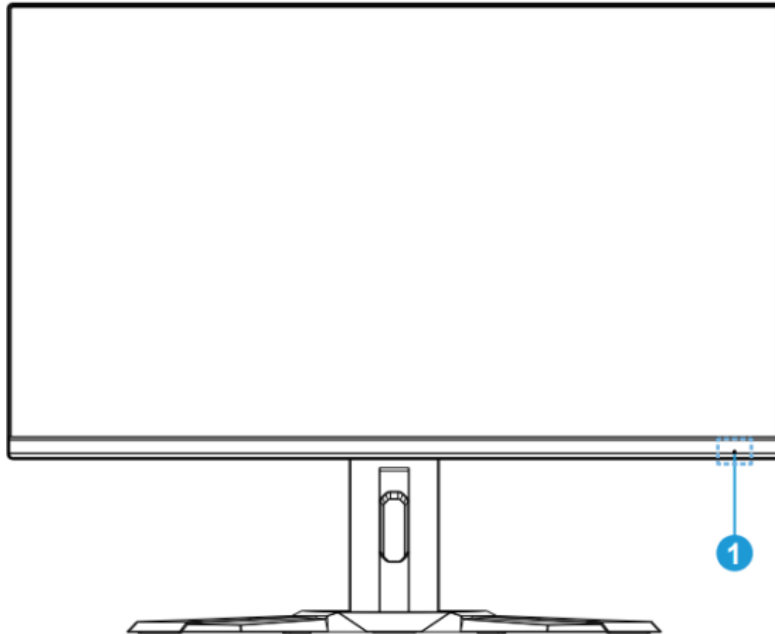


- Warranty Card

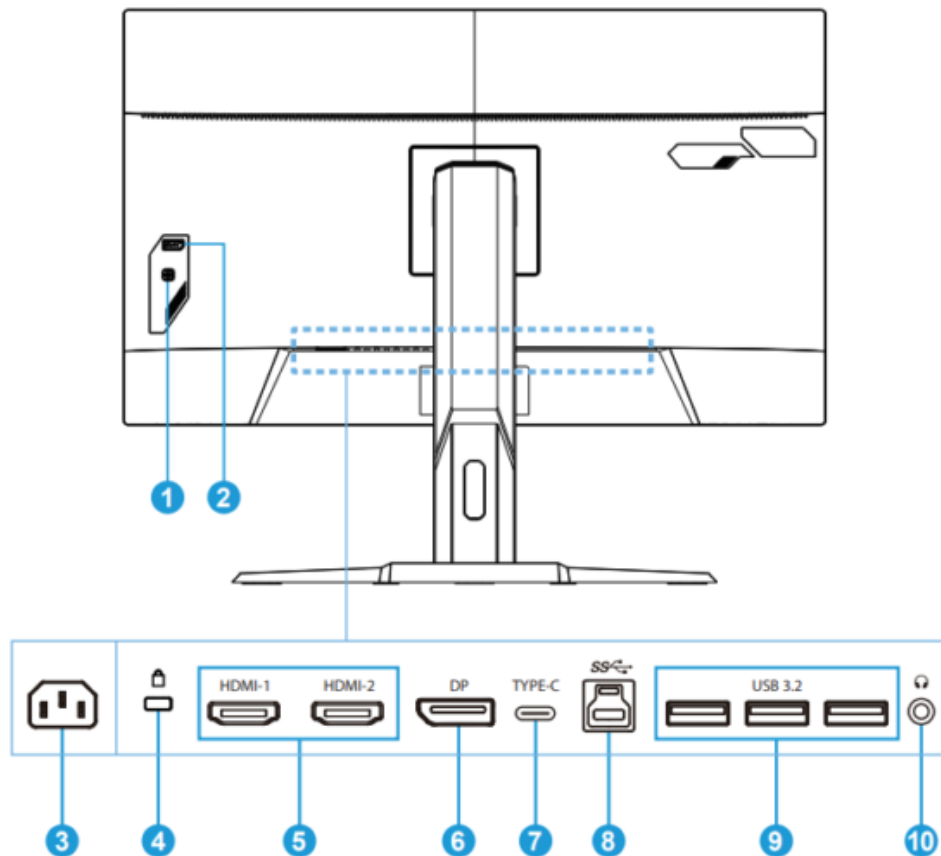


Note:

Please keep the packaging box and packing materials for possible transportation of the monitor.

Product Overview**Front View**

1. Power LED

Rear View

1. Control button
2. KVM button

3. AC IN jack
4. Kensington lock
5. HDMI ports (x2)
6. Display Port
7. USB Type-C port
8. USB upstream port
9. USB 3.2 ports (x3)
10. Headphone jack

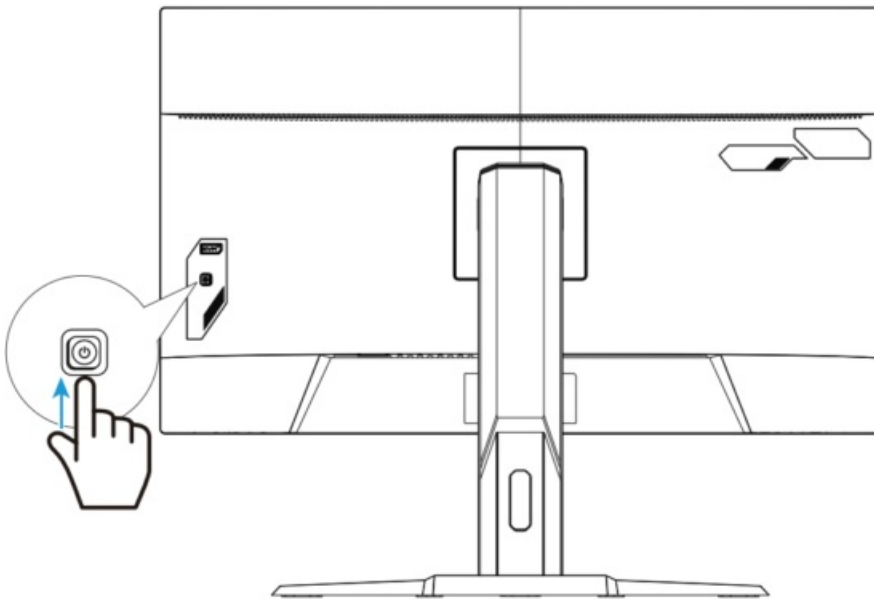
Preparing your Monitor for Wall-Mounting

Note: Use only a 100 x 100 mm VESA compatible wall mount kit to mount the monitor on the wall. Refer to the installation guide included in the wall-mount bracket kit. VESA mounting screw quantity and size: 4 x M4 x 10mm minimum.

USING THE DEVICE


Turning the Power On/Off Power On

1. Connect one end of the power cable to the AC IN jack at the rear of the monitor.
2. Connect other end of the power cable to a power outlet.
3. Press the **Control** button to turn on the monitor. The Power LED will light in white, indicating the monitor is ready to use.





Power Off

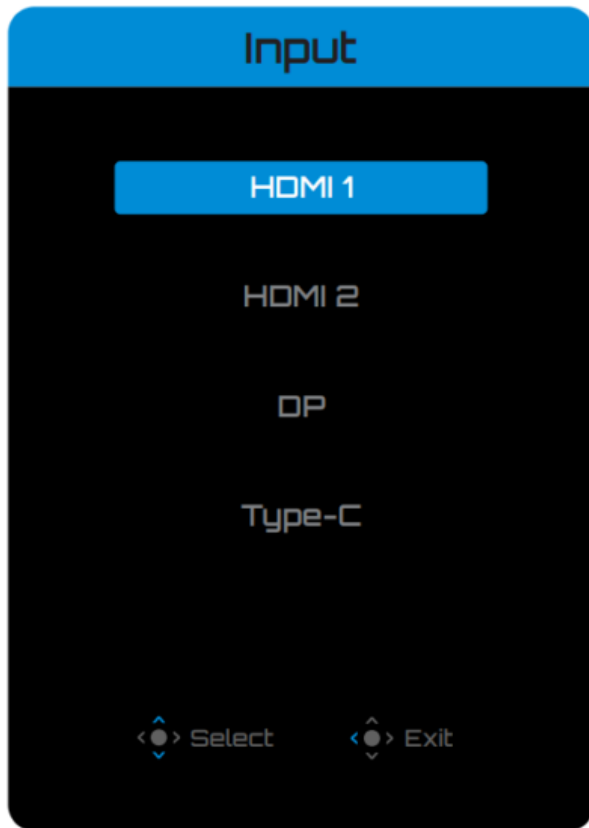
Press the Control button for 2 seconds to turn off the monitor.

Note: When the **Main** menu appears on the screen, you can also turn off the monitor by moving the Control button down () and selecting "Power Off". Refer to page 9.

Selecting the Input Source

1. Move the Control button right () to enter the Input menu.
2. Move the Control button up/down () to select the desired input source. Then press the Control button to

confirm.





OPERATIONS

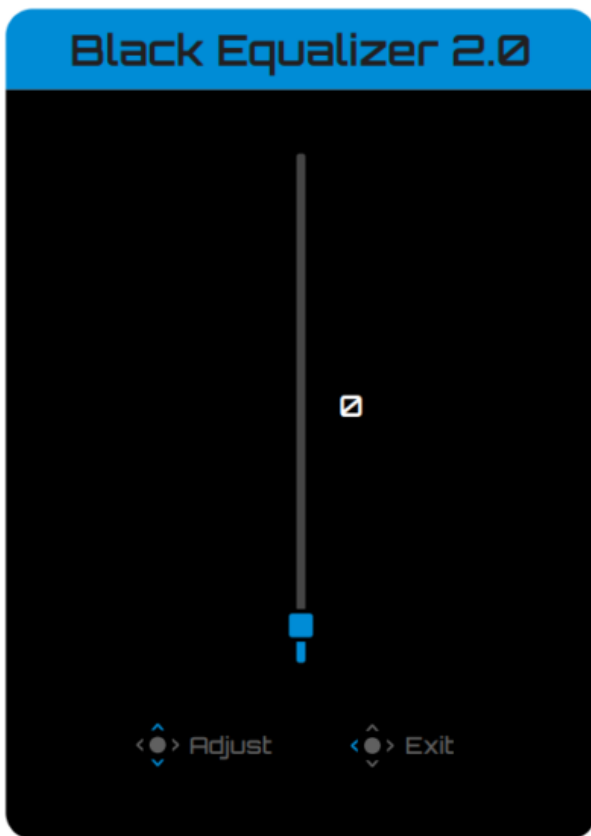
Quick Switch Menu

By default, the Control button has been assigned with the specific function.


Note: To change the preset functions, refer to the “Quick Switch” section on page 17.

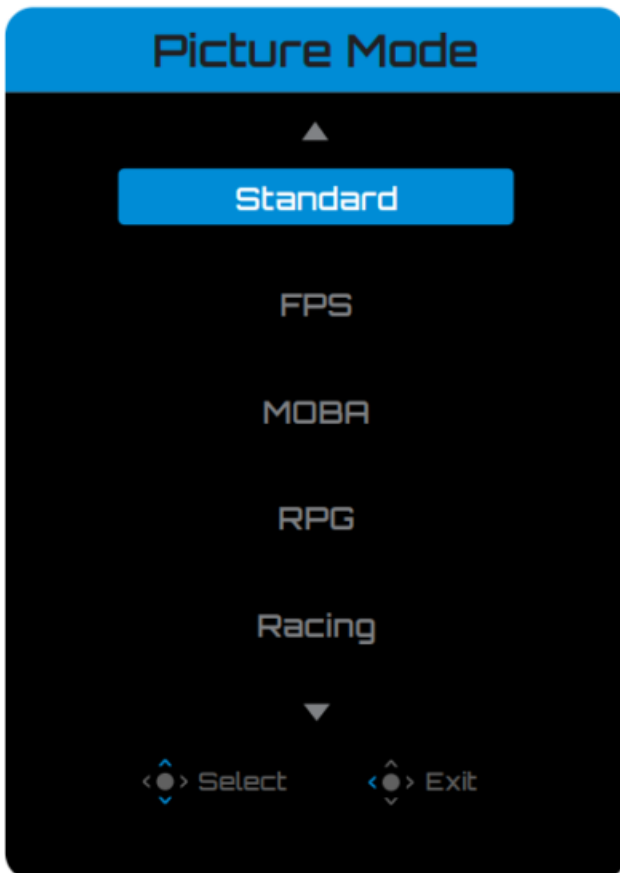
To access the Quick Switch functions, do the following:

- Move the Control button up () to enter the Black Equalizer 20 menu.
Move the Control button up/down () to adjust the setting and press the Control button to confirm.



- Move the Control button down () to enter the Picture Mode menu.



Move the Control button up/down () to select the desired option and press the Control button to confirm.



- Move the Control button left () to enter the Volume menu.

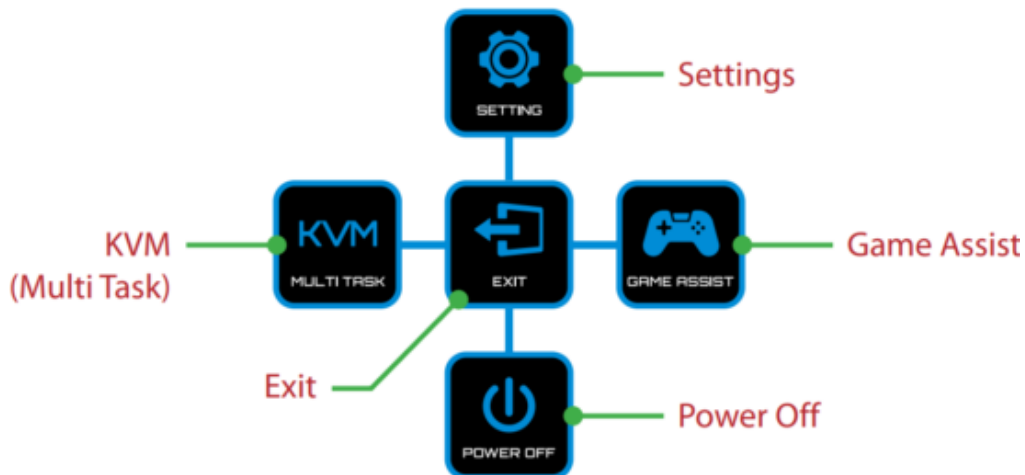
Move the Control button up/down () to select the desired volume and press the Control button to confirm.



- Move the Control button right () to enter the Input menu. Refer to the “Selecting the Input Source” section.
Note: To close the Quick Switch menu, move the Control button left ().


Function Key Guide

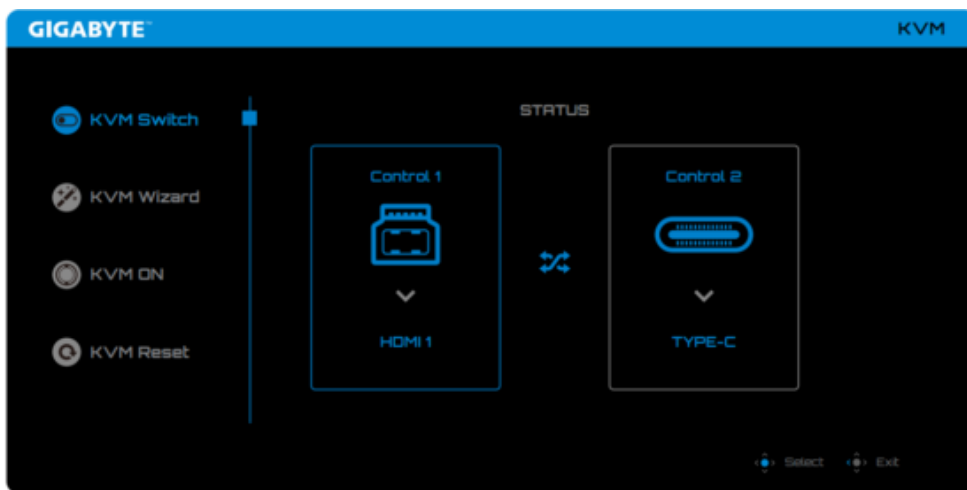
- Press the Control button to display the Main menu.



Then use the Control button (up/down/left/right) to select a function page and configure the related settings.

KVM

- When the Main menu appears on the screen, move the Control button left () to enter the **KVM** menu.



- **KVM Switch:** Switch the input source that has been assigned to USB-B or Type-C connection in the **KVM Wizard** settings.

When there are several input signals connected to the device, a message box will appear on the screen once the system detected USB Type-C input signal.

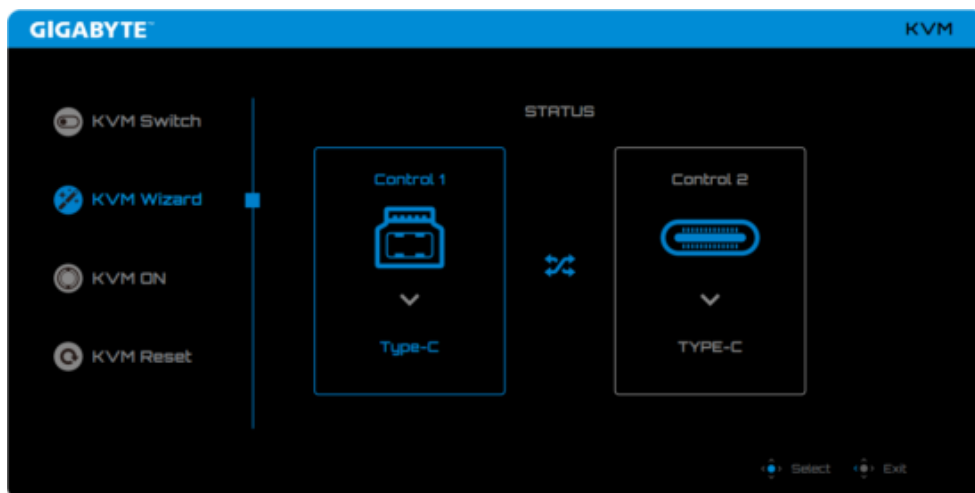
To switch to USB Type-C input source, simply press the **KVM** button or the Control button.

However, when there is no input signal from currently selected input source, the system will return to the previous connected input source.

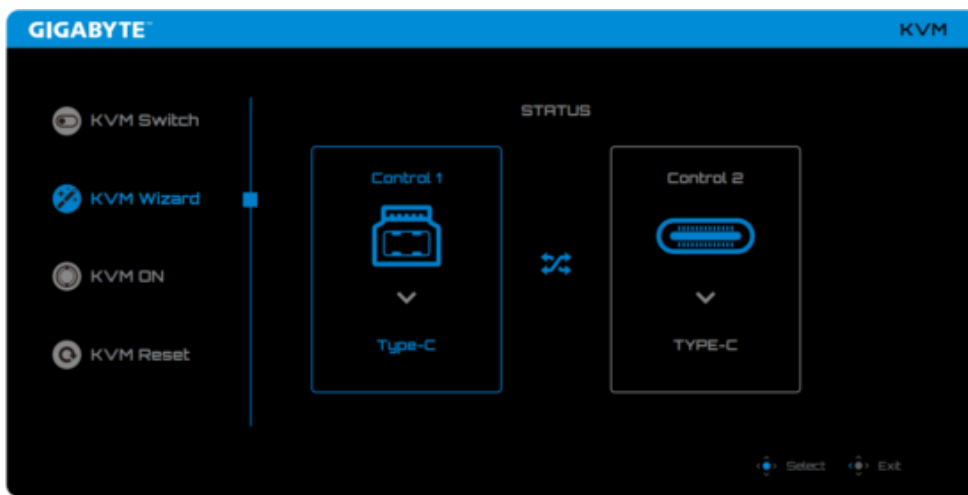
Note: This option will be disabled if the **KVM** button function is disabled (**KVM OFF**).

- **KVM Wizard:** Configure the KVM related settings.

Set the input source to be bound with USB Type-B connection first, and then following with USB Type-C connection.




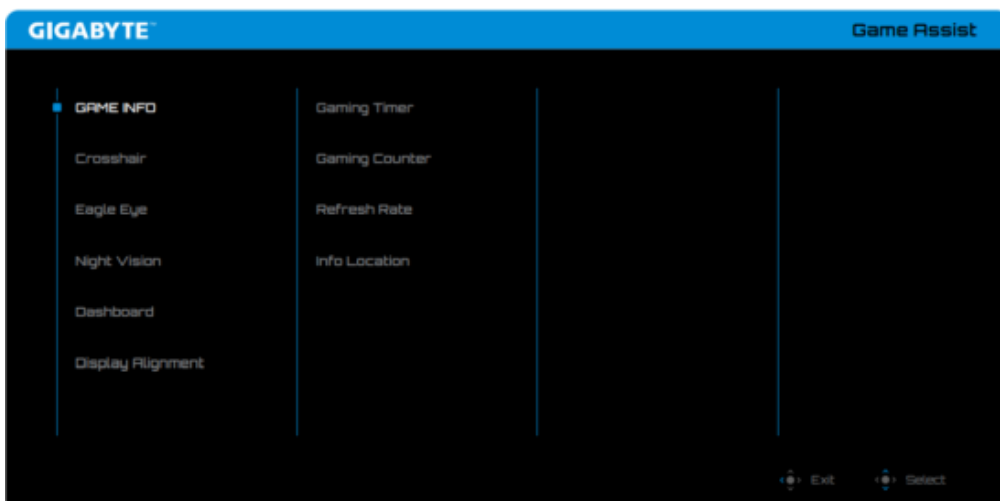
Note: If you set the USB-B Display setting to Type-C, the TYPE-C Display menu option will automatically be disabled. You will then see the KVM status in the KVM Wizard page as below.



- **KVM ON/OFF:** Enable/Disable the **KVM** button function.
 - Select ON to enable the **KVM** button function. Once the system detected USB Type-C input signal, a message box will appear on the screen.
Press the **KVM** button or the Control button to switch to USB Type-C input source.
Note: When the **KVM** button function is enabled, the **KVM ON** will be displayed on the left panel.
 - Select OFF to disable the **KVM** button function.
Note: When the **KVM** button function is disabled, the **KVM OFF** will be displayed on the left panel.
- **KVM Reset:** Restore the **KVM** default settings.
 - HDMI 1 input source is bound with USB Type-B connection.
 - USB Type-C input source is bound with USB Type-C connection.
 - The **KVM ON/OFF** function is set to **ON**.

Game Assist

- When the Main menu appears on the screen, move the Control button right () to enter the Game Assist menu.



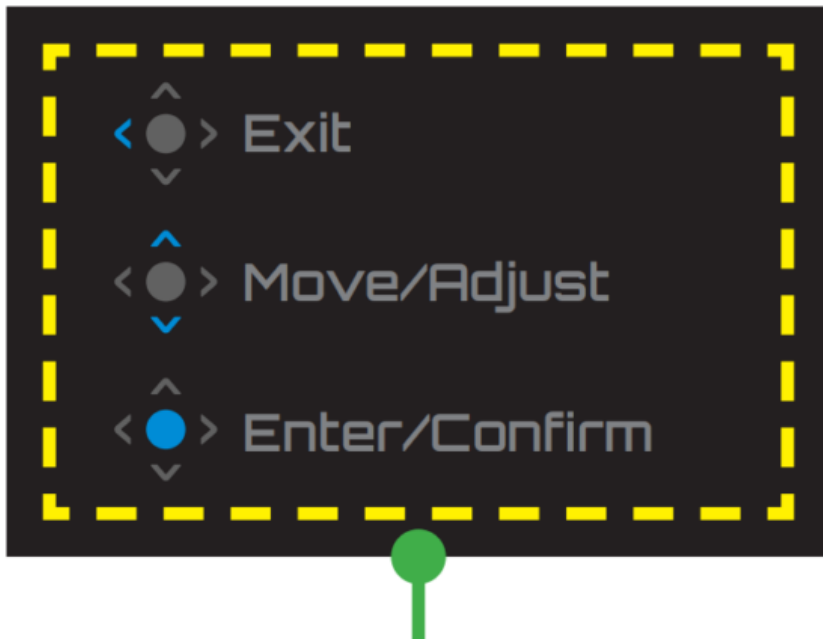
- **GAME INFO:** Enable/Disable the Gaming information shown on the screen.
- **Cross hair:** Select the type of cross hair to assist with aiming.
- **Eagle Eye:** Enable/Disable a window which can enlarge a specific area of the screen and adjust related settings.
- **Night Vision:** Enable/Disable night vision for clarifying targets in low-light condition.
- **Dashboard:** Enable/Disable the system information of PC shown on the screen.

Note: Official software installation and a USB connection between the monitor and the PC are required.

- **Display Alignment:** Show the alignment lines to help multiple monitor settings.

Configure the Device Settings

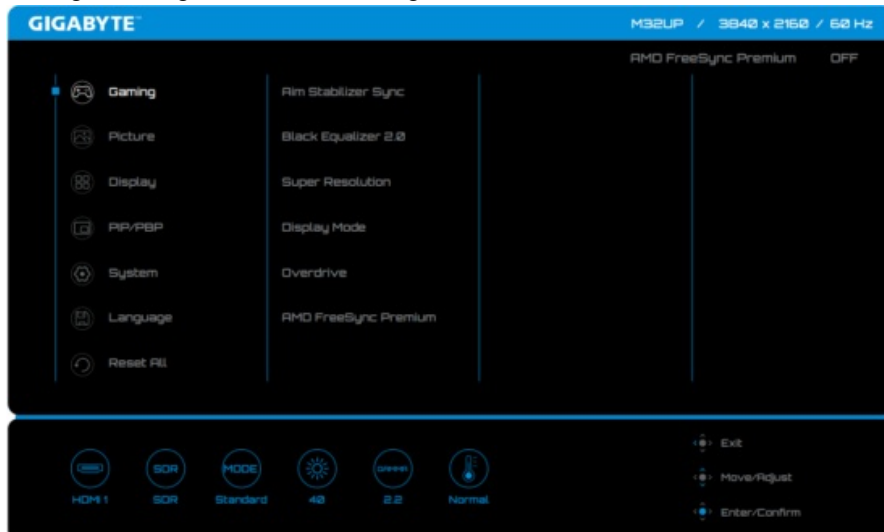
When the Main menu appears on the screen, move the Control button up () to enter the Settings menu.



Button Guide

Gaming

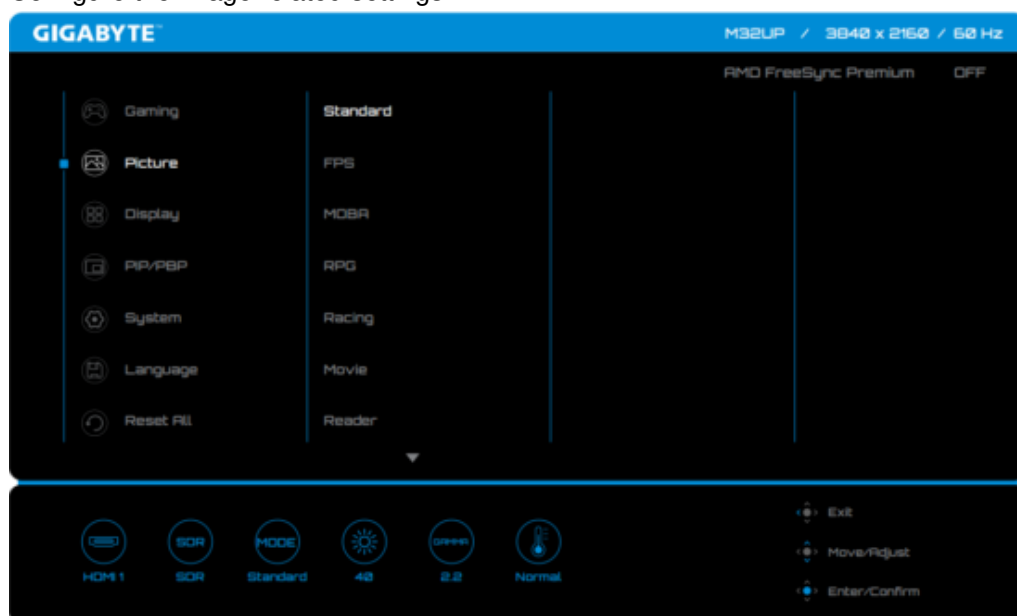
Configure the game related settings.



Item	Description
Aim Stabilizer Sync	<p>When this function is enabled, it reduces the motion blur in a fast moving games.</p> <p>Note: This function is not available under the following conditions:</p> <ul style="list-style-type: none"> when the frequency setting is lower than 100Hz. when the FreeSync function is activated.
Black Equalizer 2.0	Adjust the visibility of dark areas in the image to enhance details and improve visibility in dark scenes.
Super Resolution	Enhance the overall image quality to provide sharper detailed visuals.
Display Mode	<p>Select the screen aspect ratio.</p> <p>Note: This option is not compatible with AMD FreeSync Premium and PIP/PBP functions.</p>
Overdrive	Improve the response time of the LCD monitor.
AMD FreeSync Premium	Enable/Disable receiving FreeSync signal.

Picture

Configure the image related settings.

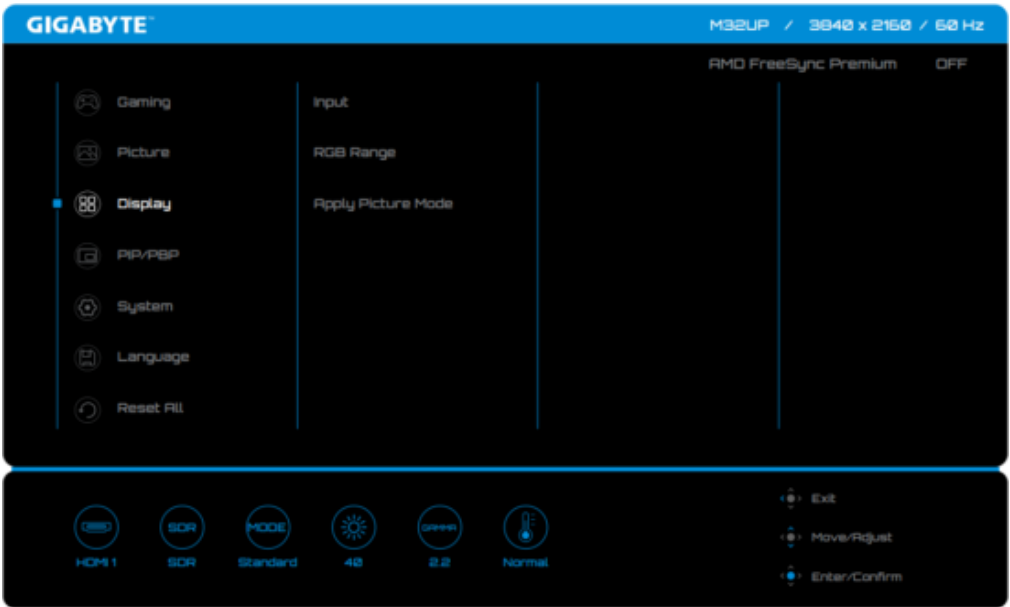


Item	Description
Picture	Select different predefined settings to optimise the visual presentation based on the content type or customize personal preferences.

Note: The Monitor uses a Low Blue Light panel. Low Blue Light level 10 is the optimized setting and in compliance with TÜV Rhineland Software Low Blue Light Certification.

Display

Configure the display screen related settings.



Item	Description
Input	Select the input source.
RGB Range	Manually set the range of RGB or auto-detect.
Apply Picture Mode	Set the Picture mode to apply to all input sources, or the current input source.

PIP/PBP

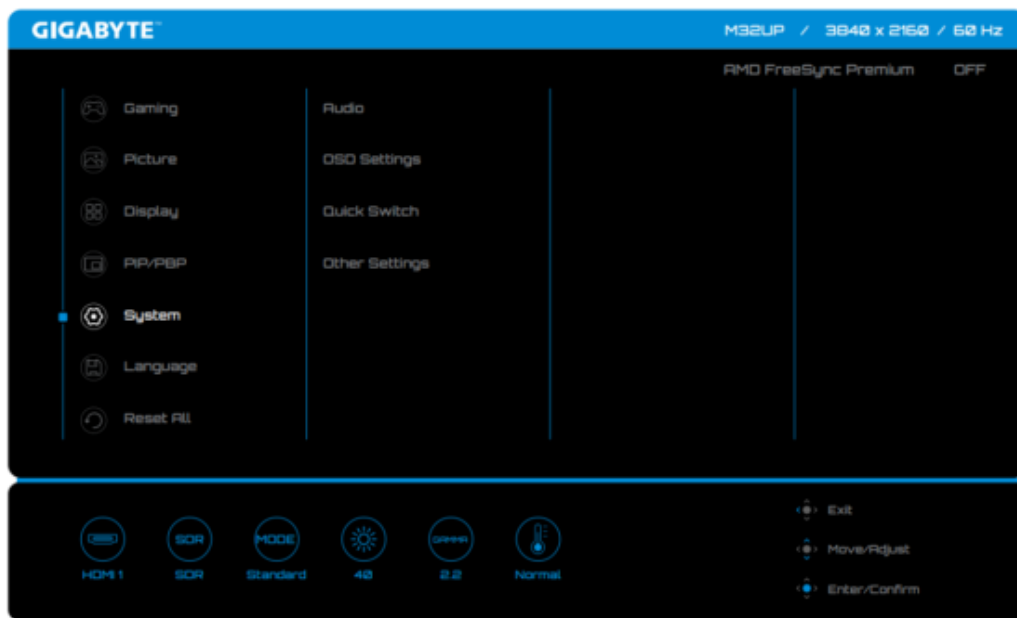
Configure the Picture-In-Picture and Picture-By-Picture related settings.



Note: PIP/PBP function cannot be enabled when receiving HDR and FreeSync signals.

System

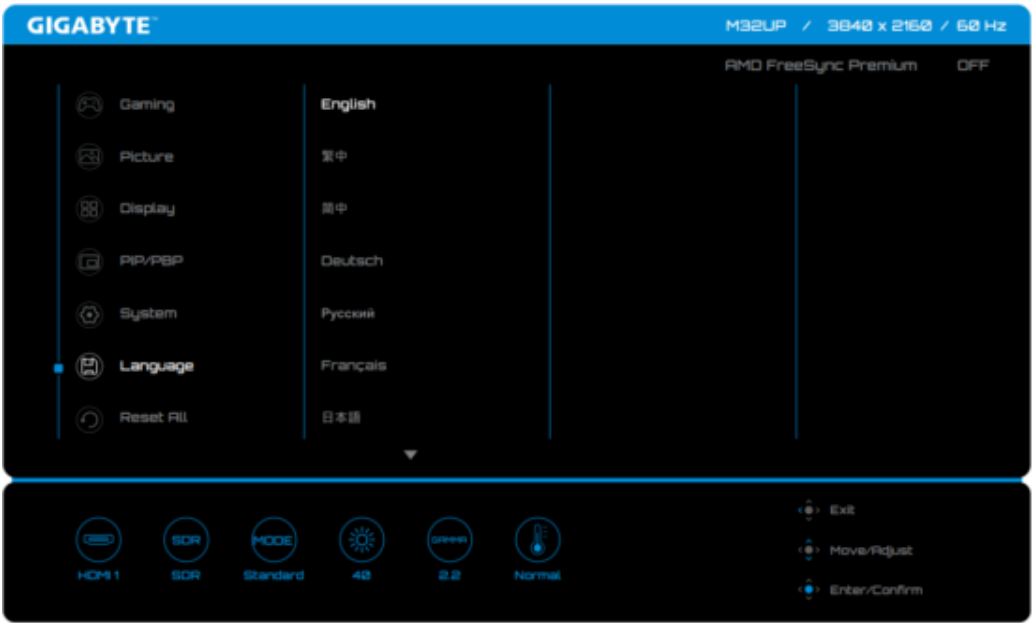
Configure the system related settings.



Item	Description
Audio	Configure the audio related settings.
OSD Settings	Configure the On-Screen-Display menu related settings.
Quick Switch	Assign the functions of Quick Switch to the Control button.
Other Settings	<ul style="list-style-type: none"> • Resolution Notice: Enable/Disable the resolution information when switching or restarting the screen signal source. • Input Auto Switch: Enable/Disable automatic switching to an available input source. • Auto Power OFF: Enable/Disable the timer to automatically turn off the monitor. • LED Indicator: Select the indicator type of power LED. • Type-C Compatibility: Turn this option ON for more mobile devices compatibility. • HDMI Version: Select the HDMI version. • HDMI-CEC: When this function is enabled, CEC devices like PS5, XBOX can turn on the monitor when they are awakened and switch off the display when they enter either standby or off mode. • USB(A/C) Charge: Enable/Disable the USB Type-A and Type-C charging function. • USB 3.2 Support: Turn this option ON to support Type-C Version 3.2 (supports Version 2.0 when disabled).

Language

Select the desired language for the OSD menu.



Reset All

Restore the monitor to its factory default settings.



APPENDICES

Specifications

Item	Specifications
Panel Size	32-inch
Aspect Ratio	16:9
Resolution	UHD (3840 x 2160)
LED Life	30,000 hours (min.)
Pixel Pitch	0.181 (H) x 0.181 (V)
Brightness	SDR 350 nits (typ.)
Contrast Ratio	1000:1 (typ.)
Color Depth	16.7M (8Bit)
Active Display Area	697.31 (H) x 392.23 (V)
Viewing Angle	178° (H)/178° (V)
Input/ Output Terminals	<ul style="list-style-type: none"> • 2 x HDMI 2.1 • 1 x DP 1.4 • 1 x USB Type-C (5V/3A, 9V/2A, 12V/1.5A, 15V/1.2A) • 1 x USB upstream • 3 x USB 3.2 (downstream 5V/1.5A) • 1 x Headphone
Power Supply	AC100 ~ 240V, 50/60Hz
Power Consumption	<ul style="list-style-type: none"> • On Mode: 41W • Standby: 0.5W • Off Mode: 0.3W <p>Note: The test conditions follow the CEC standards.</p>
Dimensions (W x H x D)	715.8 x 585.3 x 244.3 mm (with stand)715.8 x 423.8 x 68.2 mm (without stand)
Weight	10.24 kg (with stand)7.07 kg (without stand)
Temperature Range (operation)	0°C to 40°C

Note: Specifications subject to change without notice.

Supported Timing List

Timing List	HDMI 1	HDMI 2	DP
640 x 480 / 60Hz	V	V	V
640 x 480 / 67Hz	V	V	V

640 x 480 / 72Hz	V	V	V
640 x 480 / 75Hz	V	V	V
720 x 400 / 70Hz	V	V	V
720 x 480 / 60Hz	V	V	V
720 x 576 / 50Hz	V	V	
800 x 600 / 56Hz	V	V	V
800 x 600 / 60Hz	V	V	V
800 x 600 / 72Hz	V	V	V
800 x 600 / 75Hz	V	V	V
832 x 624 / 75Hz	V	V	V
1024 x 768 / 60Hz	V	V	V
1024 x 768 / 70Hz	V	V	V
1024 x 768 / 75Hz	V	V	V
1152 x 864 / 75Hz	V	V	V
1152 x 870 / 75Hz	V	V	V
1280 x 720 / 50Hz	V	V	V
1280 x 720 / 60Hz	V	V	V
1280 x 720 / 100Hz	V	V	V
1280 x 800 / 60Hz	V	V	V
1280 x 960 / 60Hz	V	V	V
1280 x 1024 / 60Hz	V	V	V
1280 x 1024 / 75Hz	V	V	V
1440 x 480 / 60Hz	V	V	V
1440 x 900 / 60Hz	V	V	V
1680 x 1050 / 60Hz	V	V	V
1920 x 1080 / 24Hz	V	V	
1920 x 1080 / 50Hz	V	V	V
1920 x 1080 / 60Hz	V	V	V
1920 x 1080 / 100Hz	V	V	V
1920 x 1080 / 120Hz	V	V	V
1920 x 1080 / 144Hz	V	V	V
2560 x 1440 / 60Hz	V	V	V
2560 x 1440 / 120Hz	V	V	V

2560 x 1440 / 144Hz	V	V	V
3840 x 2160 / 24Hz	V	V	
3840 x 2160 / 25Hz	V	V	
3840 x 2160 / 30Hz	V	V	
3840 x 2160 / 50Hz	V	V	V
3840 x 2160 / 60Hz	V	V	V
3840 x 2160 / 100Hz	V	V	V
3840 x 2160 / 120Hz	V	V	V
3840 x 2160 / 144Hz	V	V	V
3840 x 2160 / 160Hz	V	V	V

Supported Timing List (PIP/PBP)

	PIP			PBP		
Timing List	HDMI 1	HDMI 2	DP	HDMI 1	HDMI 2	DP
640 x 480 / 60Hz	V	V	V	V	V	V
640 x 480 / 67Hz	V	V	V	V	V	V
640 x 480 / 72Hz	V	V	V	V	V	V
640 x 480 / 75Hz	V	V	V	V	V	V
720 x 400 / 70Hz	V	V	V	V	V	V
720 x 480 / 60Hz	V	V	V	V	V	V
800 x 600 / 56Hz	V	V	V	V	V	V
800 x 600 / 60Hz	V	V	V	V	V	V
800 x 600 / 72Hz	V	V	V	V	V	V
800 x 600 / 75Hz	V	V	V	V	V	V
832 x 624 / 75Hz	V	V	V	V	V	V
1024 x 768 / 60Hz	V	V	V	V	V	V
1024 x 768 / 70Hz	V	V	V	V	V	V
1024 x 768 / 75Hz	V	V	V	V	V	V
1152 x 864 / 75Hz	V	V	V	V	V	V
1152 x 870 / 75Hz	V	V	V	V	V	V
1280 x 720 / 50Hz	V	V	V	V	V	V
1280 x 720 / 60Hz	V	V	V	V	V	V
1280 x 800 / 60Hz	V	V	V	V	V	V

1280 x 960 / 60Hz	V	V	V	V	V	V
1280 x 1024 / 60Hz	V	V	V	V	V	V
1280 x 1024 / 75Hz	V	V	V	V	V	V
1440 x 480 / 60Hz	V	V	V	V	V	V
1440 x 900 / 60Hz	V	V	V	V	V	V
1600 x 900 / 60Hz	V	V	V	V	V	V
1680 x 1050 / 60Hz	V	V	V	V	V	V
1920 x 1080 / 24Hz	V	V		V	V	
1920 x 1080 / 50Hz	V	V	V	V	V	V
1920 x 1080 / 60Hz	V	V	V	V	V	V
2560 x 1440 / 60Hz	V	V	V	V	V	V
3840 x 2160 / 24Hz	V	V		V	V	
3840 x 2160 / 25Hz	V	V		V	V	
3840 x 2160 / 30Hz	V	V		V	V	
3840 x 2160 / 50Hz	V	V	V	V	V	V
3840 x 2160 / 60Hz	V	V	V	V	V	V
1280 x 1440 / 60Hz (PBP)				V	V	V
1920 x 2160 / 60Hz (PBP)				V	V	V

Troubleshooting

Problem	Possible Solution(s)
No power	<ul style="list-style-type: none"> • Make sure the power cable is properly connected to the power source and the monitor. • Check the cable and plug to make sure they are not broken. • Make sure the monitor is turned on.
No image appears on the screen	<ul style="list-style-type: none"> • Make sure the monitor and the computer are properly connected and both devices are turned on. • Make sure you have selected the correct input source. Refer to page 7 or 15.
The image does not fill the entire screen	<ul style="list-style-type: none"> • Try different Display Mode (aspect ratio) setting. Refer to page 13.
The colors are distorted	<ul style="list-style-type: none"> • Make sure the input signal cable is properly connected. • Configure the image related settings. Refer to the “ Picture” section.
No sound or volume is low	<ul style="list-style-type: none"> • Make sure the headphone cable is properly connected. • Adjust the volume level. Refer to page 17. • Adjust your computer sound related settings.

Note: If the problem persists, please contact our customer service for further assistance.

Basic Care

- Wipe the screen with a soft, lint-free cloth to remove any residual dust.
- Spray or apply the cleaning fluid onto a soft cloth. Then wipe the screen gently with the damp cloth.

Note:

- Make sure that the cloth is damp, but not wet.
- When wiping, avoid applying excessive pressure on the screen.
- Acidic or abrasive cleaners can damage the screen.

GIGABYTE Service Information

More service information, please visit GIGABYTE official website.

<https://www.gigabyte.com/>

SAFETY INFORMATION

Safety Precautions

Read through the following Safety Precautions before using the monitor.

- Only use the accessories that are provided with the monitor or that which are recommended by the manufacturer.
- Keep the plastic packaging bag for the product in a place that cannot be reached by children.
- Before connecting the monitor to the power outlet, make sure that the voltage rating of the power cable is compatible with the power specification in the country where you are located.
- The power cord plug must be connected to a properly wired and grounded power outlet.
- Do not touch the plug with wet hands, as it can easily cause electric shock.
- Place the monitor in a stable and well-ventilated place.
- Do not place the monitor near any heat sources, such as electric radiators or direct sunlight.
- The holes or openings on the monitor are for ventilation. Do not cover or block the ventilation holes with any objects.
- Do not use the monitor near water, drinks, or all types of liquids. Failure to do so may result in electric shock or damage to the monitor.
- Make sure to unplug the monitor from the power outlet before cleaning.
- As the screen surface is easy to be scratched, avoid touching the surface with any hard or sharp object.
- Use a soft lint-free cloth instead of a tissue to wipe the screen. You may use a glass cleaner to clean the monitor if required. However, never spray the cleaner directly onto the screen.
- Disconnect the power cable if the monitor is not being used for a long period of time.
- Do not attempt to disassemble or repair the monitor yourself.

Stability Hazard Precautions

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

Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- **ALWAYS** use stands or installation methods recommended by the manufacturer of the product set.
- **ALWAYS** use furniture that can safely support the product.
- **ALWAYS** ensure the product is not overhanging the edge of the supporting furniture.
- **ALWAYS** educate children about the dangers of climbing on furniture to reach the product or its controls.
- **ALWAYS** route cords and cables connected to your product so they cannot be tripped over, pulled or grabbed.
- **NEVER** place a product in an unstable location.
- **NEVER** place the product on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the product to a suitable support.
- **NEVER** place the product on cloth or other materials that may be located between the product and supporting furniture.
- **NEVER** place items that might tempt children to climb, such as toys and remote controls, on the top of the product or furniture on which the product is placed.
- If the existing product is going to be retained and relocated, the same considerations as above should be applied.
- To prevent personal injury or damage to the product caused by tipping over due to earthquakes or other shocks, make sure to install the product in a stable location and take measures to prevent falling.

User Comfort Recommendations

The monitor adopts Flicker-Free technology which clears the eye visible monitor flicker and prevents users from suffering eye strain and fatigue.

The following are some tips for comfortable viewing of your monitor:

- Allow a minimum distance of 50 to 75cm (20" to 30") between your eyes and the monitor.
- A general guideline is to position the monitor such that the top of the screen is at or slightly below your eye height when you are comfortably seated.
- Use adequate lighting for the type of work you are performing.
- Take regular and frequent breaks (at least for 10 minutes) every half-hour.
- Be sure to periodically look away from your monitor screen and focus on a far object for at least 20 seconds during the breaks.
- Eye exercise can help reduce eye strain. Repeat these exercises frequently:
 1. look up and down
 2. slowly roll your eye
 3. move your eyes diagonally.

This model has passed Flicker Free and Low Blue Light verification by TÜV Rheinland.

To learn more:

<https://www.gigabyte.com/tw/Support/FAQ/4310>

REGULATORY INFORMATION

United States of America, Federal Communications Commission Statement

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 manufacturer's 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.

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.

European Union (EU) CE Declaration of Conformity

This device complies with the following directives: Electromagnetic Compatibility Directive 2014/30/EU, Low-voltage Directive 2014/35/EU, ErP Directive 2009/125/EC, RoHS directive (recast) 2011/65/EU & the Directive (EU) 2015/863 amendment of Annex II.

Compliance with these directives is assessed using applicable European Harmonised Standards.

European Union (EU) RoHS (recast) Directive 2011/65/EU & the European Commission Delegated Directive (EU) 2015/863 Statement

GIGABYTE products have not intended to add and safe from hazardous substances (Cd, Pb, Hg, Cr+6, PBDE, PBB, DEHP, BBP, DBP and DIBP). The parts and components have been carefully selected to meet RoHS requirement. Moreover, we at GIGABYTE are continuing our efforts to develop products that do not use internationally banned toxic chemicals.

European Union (EU) Community Waste Electrical & Electronic Equipment (WEEE) Directive Statement

GIGABYTE will fulfill the national laws as interpreted from the 2012/19/EU WEEE (Waste Electrical and Electronic Equipment) (recast) directive. The WEEE Directive specifies the treatment, collection, recycling and disposal of electric and electronic devices and their components. Under the Directive, used equipment must be marked, collected separately, and disposed of properly.



WEEE Symbol Statement

The symbol shown below is on the product or on its packaging, which indicates that this product must not be disposed of with other waste. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

For more information about where you can drop off your waste equipment for recycling, please contact your local government office, your household waste disposal service or where you purchased the product for details of environmentally safe recycling.



End of Life Directives-Recycling

The symbol shown below is on the product or on its packaging, which indicates that this product must not be disposed of with other waste. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

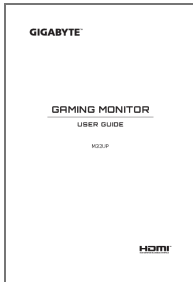
China RoHS Compliance Statement



Environment-friendly use period

GIGABYTE™

Documents / Resources

	GIGABYTE M32UP UHD Gaming Monitor [pdf] Instruction Manual M32UP, M32UP AU, M32UP UHD Gaming Monitor, M32UP, UHD Gaming Monitor, Gaming Monitor, Monitor
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References

- [GIGABYTE Global](#)
- [GIGABYTE Global](#)
- [TÜV Rheinland - GIGABYTE](#)
- [User Manual](#)

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