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GIGABYTE M32Q-SA

GIGABYTE M32Q 32-inch 165Hz Gaming Monitor User Manual

Model: M32Q-SA

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your GIGABYTE M32Q 32-inch 165Hz Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

The GIGABYTE M32Q is a 32-inch monitor featuring a 2560x1440 IPS display, a 165Hz refresh rate, and a 0.8ms (MPRT) response time. It supports AMD FreeSync Premium, VESA Display HDR400, and covers 94% DCI-P3 color gamut. Key features include GIGABYTE Tactical Features with OSD Sidekick and KVM functionality.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package:

- GIGABYTE M32Q Monitor
- Power Cable
- 1x DisplayPort 1.2 Cable
- 2x HDMI 2.0 Cable
- USB Type-C Cable
- USB Type-B Cable
- Kensington Lock (optional, not always included)
- Quick Start Guide / User Manual (this document)



Image: The GIGABYTE M32Q monitor shown alongside its retail packaging, indicating the product and its included accessories.

3. PRODUCT FEATURES

- **Display:** 32-inch 2560x1440 (QHD) SS IPS panel.
- **Refresh Rate:** 165Hz for smooth motion.
- **Response Time:** 0.8ms (MPRT) for reduced ghosting.
- **Color Performance:** 94% DCI-P3 (120% sRGB) color gamut and VESA Display HDR400 certification.
- **Adaptive Sync:** AMD FreeSync Premium for tear-free gaming.
- **KVM Functionality:** Built-in KVM switch allows control of multiple devices with one set of keyboard, video, and mouse.
- **OSD Sidekick:** GIGABYTE's software utility for easy monitor settings adjustment.
- **Connectivity:** Includes DisplayPort 1.2, HDMI 2.0, USB Type-C, and USB 3.0 ports.
- **Ergonomics:** Adjustable stand with tilt, swivel, pivot, and height adjustments. VESA mount compatible.



Image: Front view of the GIGABYTE M32Q monitor, illustrating its sleek design and highlighting features such as Eyesafe Certified 2.0, Flicker Free, Low Blue Light, Low Motion Blur, 98% DCI-P3, 8-bit FRC, HDR400, KVM, HDMI 2.0, and DisplayPort 1.2.

1ms and 170Hz

Unlock maximum frame rate potential



Image: The GIGABYTE M32Q monitor showcasing a racing game, with a visual comparison between 1ms response time at 170Hz and 5ms response time at 60Hz, emphasizing the monitor's high-performance capabilities.

4. SETUP INSTRUCTIONS

4.1 Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck using the provided screws.
3. Align the assembled stand with the mounting points on the back of the monitor.
4. Secure the stand to the monitor until it clicks into place or is fastened with screws, depending on the design.

4.2 VESA Wall Mount Installation (Optional)

The monitor supports VESA 100x100mm mounting. If using a VESA mount, remove the stand and attach the VESA bracket to the monitor's rear panel using appropriate screws. Follow the instructions provided with your VESA mounting kit.

Adjustable Stand & VESA Wall Mount

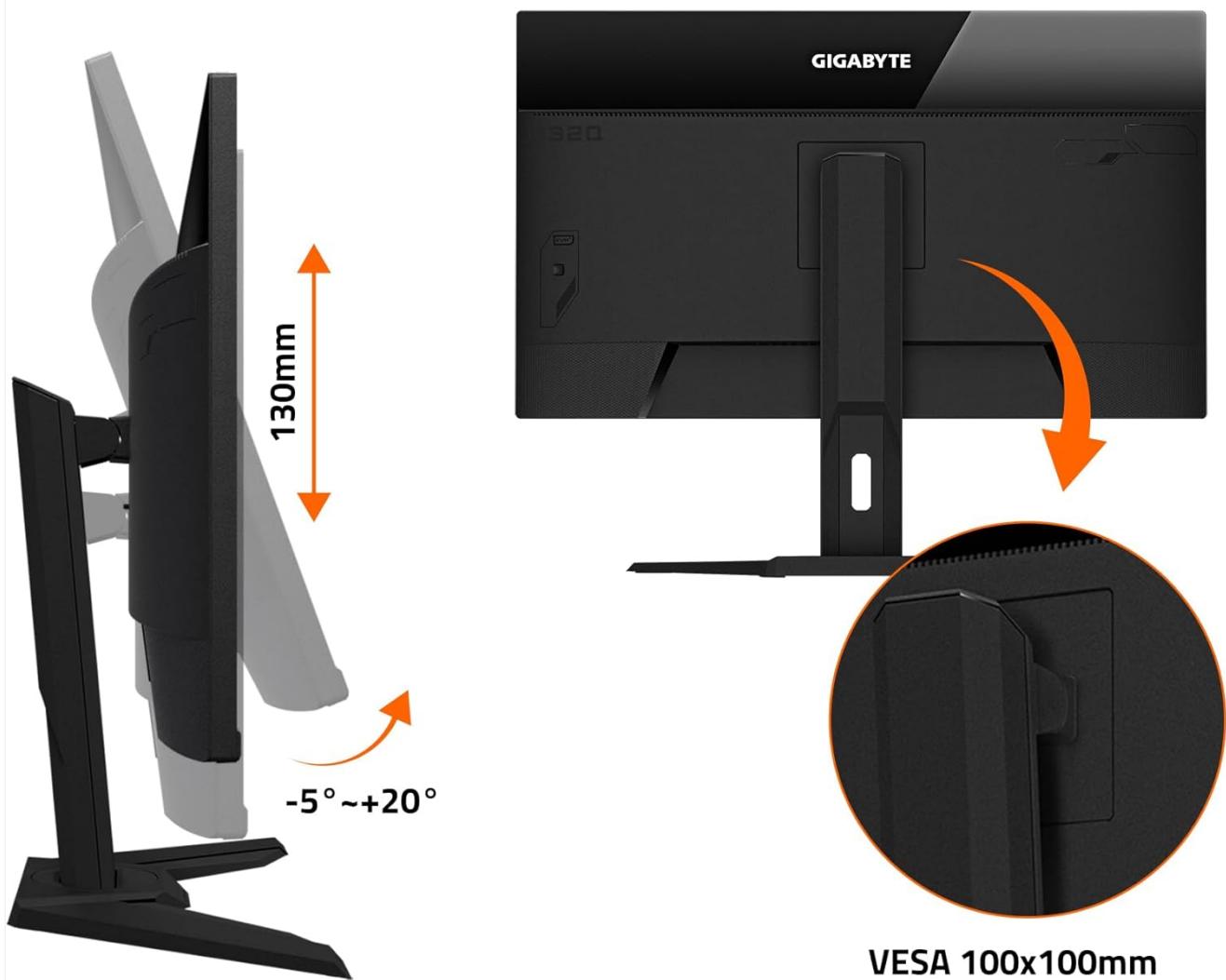


Image: Side and rear views of the GIGABYTE M32Q monitor, demonstrating its adjustable stand with tilt range (-5° to +20°) and height adjustment (130mm). The image also highlights the VESA 100x100mm mounting points on the back panel.

4.3 Connecting Cables

Connect the necessary cables to the corresponding ports on the monitor and your computer/device.

- **Power:** Connect the AC adapter to the monitor's power input and then to a power outlet.
- **Video Input:** Choose one of the following:
 - **DisplayPort:** Connect one end of the DisplayPort cable to the monitor's DisplayPort 1.2 input and the other end to your computer's DisplayPort output.
 - **HDMI:** Connect one end of an HDMI 2.0 cable to the monitor's HDMI input and the other end to your computer's HDMI output.
 - **USB Type-C:** Connect a USB Type-C cable to the monitor's USB Type-C input and to a compatible device for video, data, and power delivery.
- **USB Upstream (for KVM/USB Hub):** Connect the USB Type-B cable from the monitor's USB Type-B upstream port to your computer's USB port to enable the monitor's USB 3.0 ports and KVM functionality.
- **USB Downstream:** Connect your peripherals (keyboard, mouse, webcam) to the monitor's USB 3.0 ports.

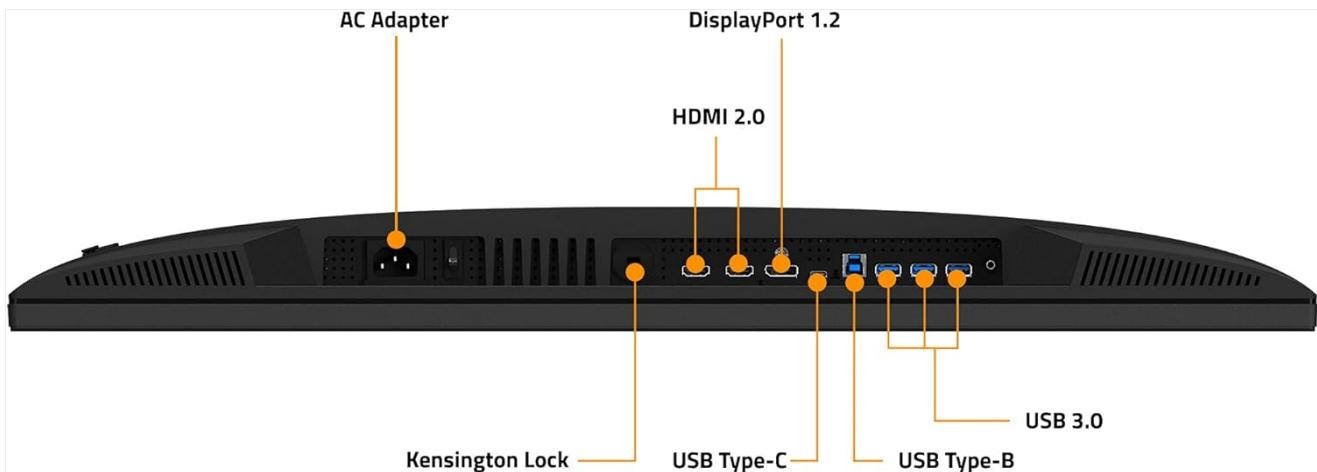


Image: Detailed rear view of the GIGABYTE M32Q monitor, clearly labeling all input/output ports including AC Adapter, DisplayPort 1.2, HDMI 2.0, USB Type-C, USB Type-B, USB 3.0, and Kensington Lock slot.

I/O Ports

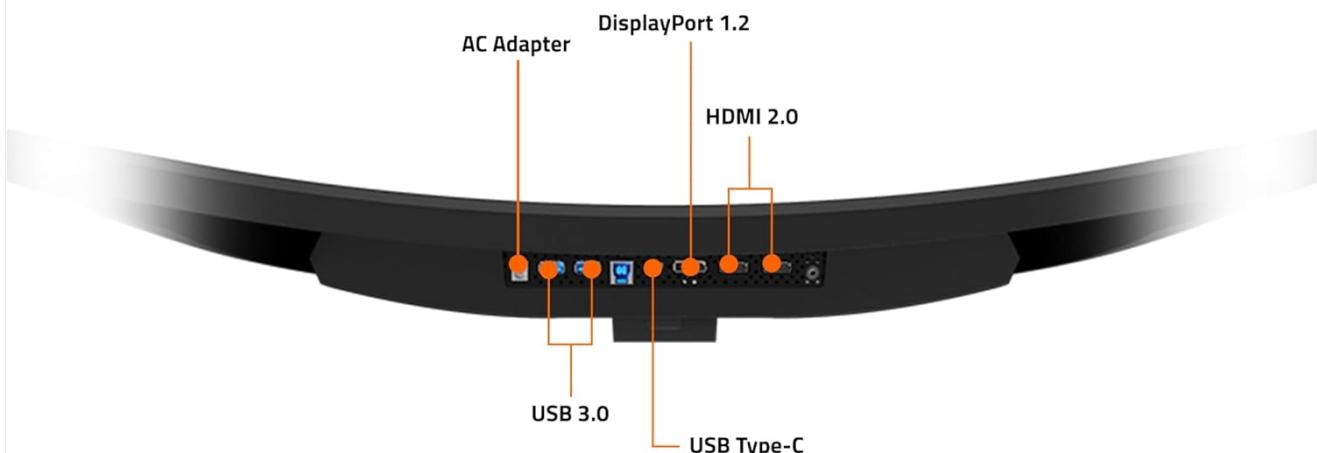


Image: A simplified diagram highlighting the I/O ports on the GIGABYTE M32Q monitor, including AC Adapter, DisplayPort 1.2, HDMI 2.0, USB 3.0, and USB Type-C.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button, usually located on the back or bottom of the monitor, to turn the monitor on or off. The power LED indicator will illuminate when the monitor is on.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access the OSD menu using the joystick controller located on the back of the monitor.

- **Navigation:** Move the joystick up, down, left, or right to navigate through menu options.
- **Selection:** Press the joystick inward to select an option or confirm a setting.
- **Exit:** Move the joystick left to go back to the previous menu or exit the OSD.

Common OSD settings include Brightness, Contrast, Color Temperature, Input Source, Picture Mode, and Gaming features (e.g., FreeSync, Overdrive).

5.3 OSD Sidekick Software

GIGABYTE OSD Sidekick is a software application that allows you to control your monitor's settings directly from your desktop. Download and install the OSD Sidekick software from the official GIGABYTE website. Ensure the USB Type-B upstream cable is connected between your monitor and PC for this feature to work.

5.4 KVM Functionality

The built-in KVM (Keyboard, Video, Mouse) switch allows you to use a single set of keyboard, mouse, and monitor to control multiple computers or devices. To use KVM:

1. Connect your primary computer to the monitor via DisplayPort or HDMI, and connect the USB Type-B upstream cable to this computer.
2. Connect your secondary computer/device to the monitor via USB Type-C.
3. Connect your keyboard and mouse to the USB 3.0 downstream ports on the monitor.
4. Use the dedicated KVM switch button on the monitor (or OSD/OSD Sidekick) to switch between the connected devices.



Image: A visual representation of the Type-C KVM feature, showing a desktop PC connected via HDMI/DP and a laptop connected via USB Type-C, both sharing a single keyboard, mouse, and the GIGABYTE M32Q monitor, with a single button press to switch between them.

5.5 Picture-in-Picture (PiP) / Picture-by-Picture (PbP)

The monitor supports PiP and PbP modes, allowing you to display content from two different input sources simultaneously. These modes can be configured through the OSD menu or OSD Sidekick, offering various layout options.

6. MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or if it will be unused for an extended period.

7. TROUBLESHOOTING

- **No Power:**

- Check if the power cable is securely connected to the monitor and the power outlet.
- Verify the power outlet is functional.

- **No Signal / Blank Screen:**

- Ensure the video cable (DisplayPort, HDMI, USB-C) is correctly connected to both the monitor and the computer.
- Select the correct input source via the OSD menu.
- Check if the computer is powered on and not in sleep mode.

- **Image Flickering / Distorted Image:**

- Check the video cable for damage or loose connections.
- Adjust the refresh rate and resolution settings on your computer.
- Disable or enable FreeSync Premium in the OSD menu to see if it resolves the issue.

- **KVM Not Working:**

- Ensure the USB Type-B upstream cable is connected from the monitor to the primary computer.
- Verify that the USB Type-C cable is properly connected for the secondary device.
- Some users report KVM USB ports losing power when the monitor sleeps. Try disabling power-saving features or updating monitor firmware if available.

- **Dead Pixels:**

- While rare, dead pixels can occur. Refer to GIGABYTE's pixel policy for warranty information.

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	GIGABYTE
Model Number	M32Q-SA
Screen Size	32 Inches
Screen Resolution	2560 x 1440 (QHD Wide 1440p)
Panel Type	SS IPS Display
Refresh Rate	165Hz
Response Time	0.8ms (MPRT)
Aspect Ratio	16:9
Color Gamut	94% DCI-P3 (120% sRGB)
HDR Support	VESA Display HDR400
Adaptive Sync	AMD FreeSync Premium
Connectivity	1x DisplayPort 1.2, 2x HDMI 2.0, 1x USB Type-C, 1x USB Type-B, 2x USB 3.0
VESA Mounting	100x100mm
Item Weight	29.7 pounds
Product Dimensions (LxWxH)	22 x 37.7 x 7.7 inches

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official GIGABYTE website. Keep your purchase receipt as proof of purchase for warranty claims.