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### GIGABYTE G34WQCP

# GIGABYTE G34WQCP 34" VA Curved Gaming Monitor User Manual

Model: G34WQCP

## 1. Introduction

This user manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your GIGABYTE G34WQCP 34" VA Curved Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.
The GIGABYTE G34WQCP is a high-performance 34-inch WQHD (3440x1440) curved VA gaming monitor, featuring a 180Hz refresh rate and 1ms MPRT response time for fluid gameplay. It supports AMD FreeSync Premium and offers versatile connectivity options including HDMI, DisplayPort, and Type-C.

## 2. Safety Information

Always observe the following safety precautions to prevent damage to the monitor and ensure personal safety:

- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing. High voltage is present inside.
- Ensure proper ventilation around the monitor.
- Use only the power adapter supplied with the monitor.
- Disconnect the power cable from the outlet before cleaning.
- Avoid placing heavy objects on the power cord.

## 3. Package Contents

Verify that all items are present in the package:

- GIGABYTE G34WQCP Monitor
- Power Adapter and Power Cord
- HDMI Cable

- DisplayPort Cable
- USB Type-C Cable
- Quick Start Guide
- Warranty Card

# 4. Setup

## 4.1 Assembling the Stand

Follow these steps to attach the stand to the monitor:

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Align the stand neck with the mounting slot on the back of the monitor.
3. Secure the stand neck to the monitor using the provided screws.
4. Attach the base to the stand neck and tighten the thumb screw.




Figure 4.1: Illustration of the monitor stand assembly. The image shows the monitor being placed face down, with the stand neck being inserted into the back of the monitor, and the base being attached to the neck.

## 4.2 Connecting the Monitor

Connect the monitor to your computer and power source:

1. Connect one end of the HDMI or DisplayPort cable to the corresponding port on your computer's graphics card.
2. Connect the other end of the cable to the HDMI or DisplayPort input on the monitor.
3. For audio output, connect headphones or external speakers to the Earphone Jack on the monitor.
4. Connect the power adapter to the monitor's power input, then plug the power cord into a wall outlet.

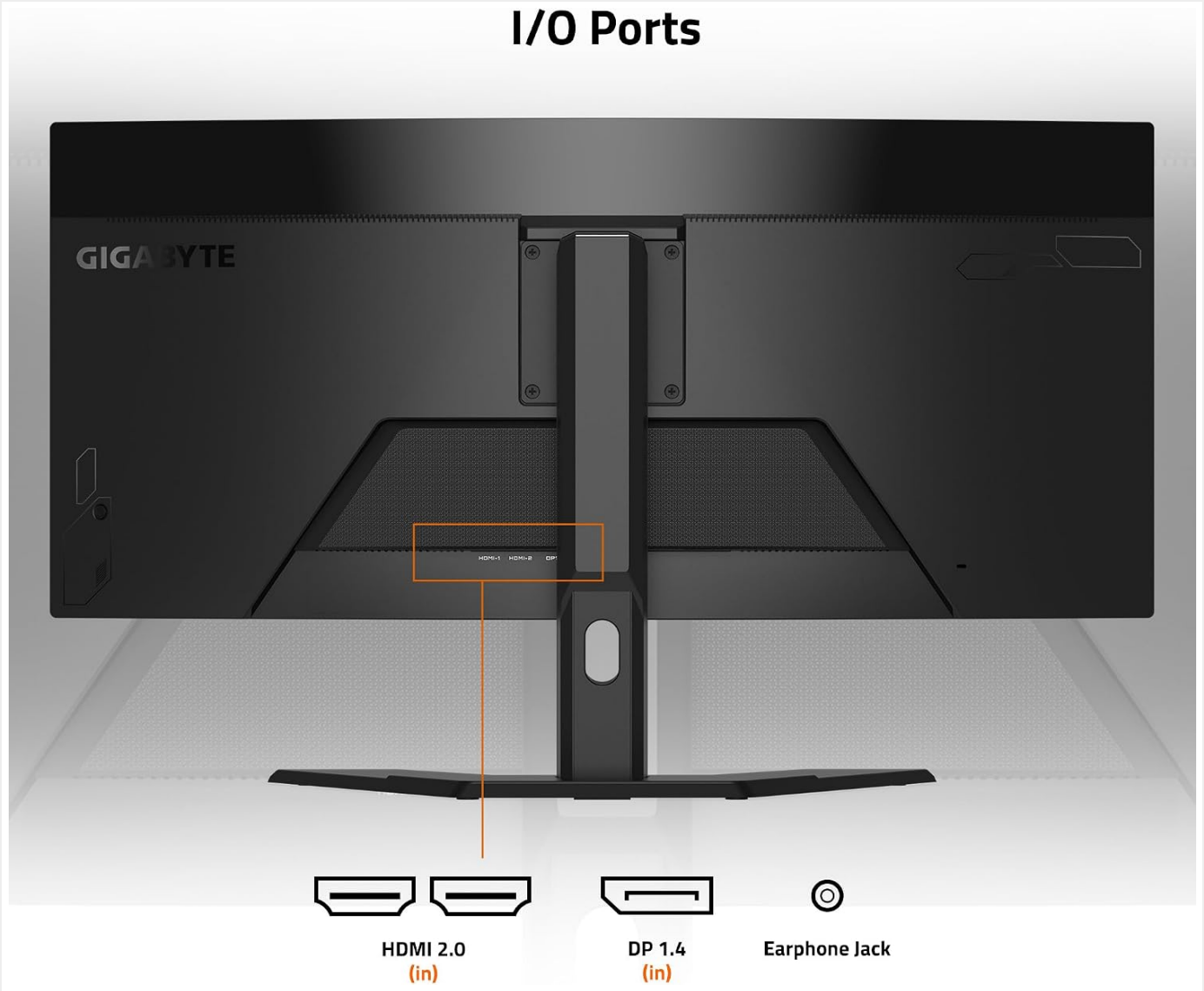



Figure 4.2: Diagram showing the input/output ports on the back of the GIGABYTE G34WQCP monitor. Highlighted ports include two HDMI 2.0, two DisplayPort 1.4, and one Earphone Jack.

## 4.3 Adjusting the Stand

The monitor stand allows for height and tilt adjustments:

- **Height Adjustment:** Gently push or pull the monitor up or down to adjust its height (up to 100mm).
- **Tilt Adjustment:** Tilt the monitor screen forward or backward to achieve your desired viewing angle (-5° to +20°).

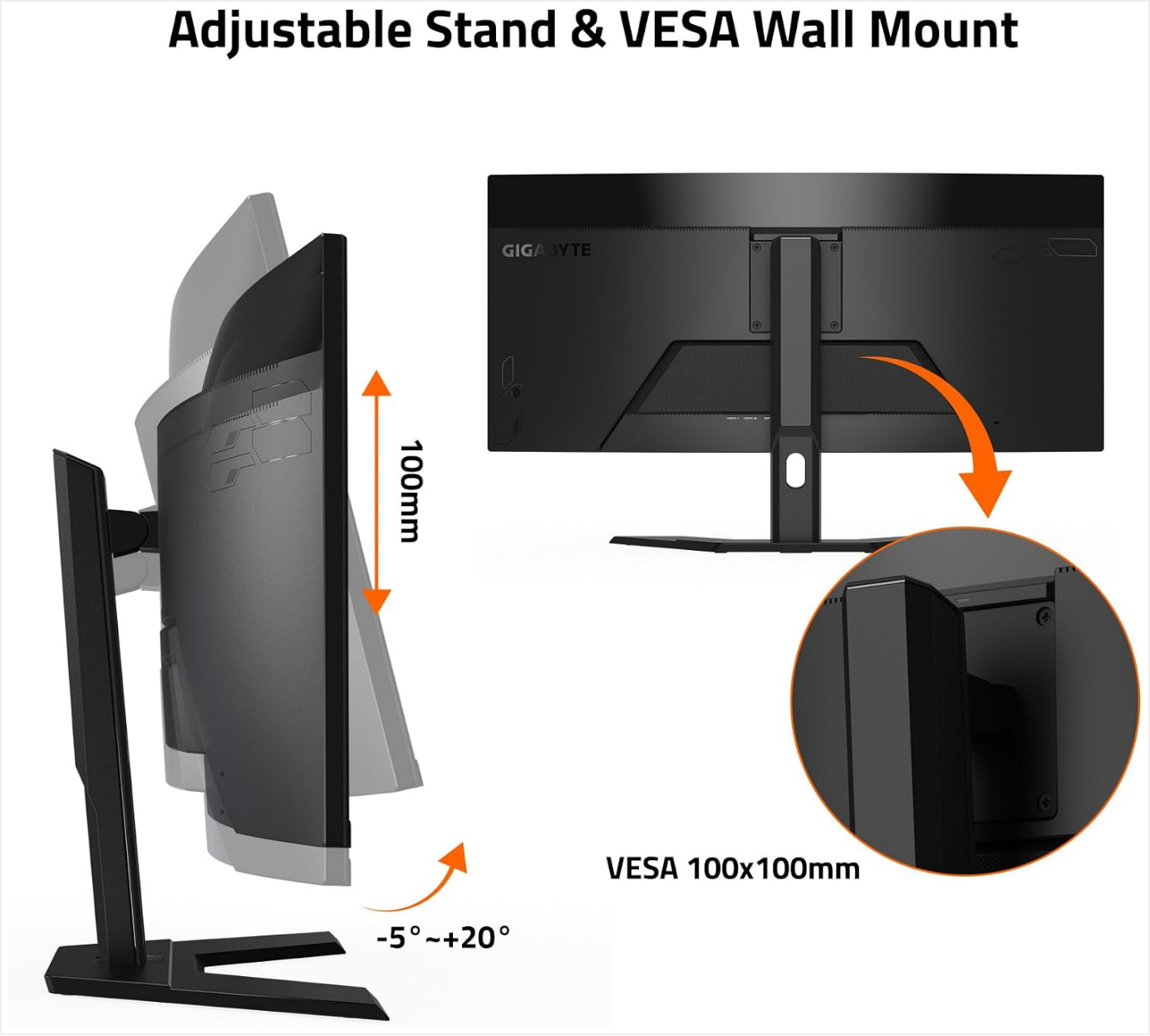



Figure 4.3: Illustration demonstrating the adjustable features of the monitor stand, including height adjustment (100mm range) and tilt angle (-5° to +20°). It also shows the VESA 100x100mm mounting pattern for wall mounting.

The monitor also supports VESA 100x100mm wall mounting for alternative setup configurations (mounting bracket sold separately).

## 5. Operating the Monitor

### 5.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is on.

### 5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the joystick/buttons on the monitor to navigate the menu.

- **Brightness/Contrast:** Adjust the display's luminance and contrast levels.
- **Color Settings:** Modify color temperature, gamma, and color vibrance.

- **Picture Mode:** Select predefined display modes (e.g., Standard, FPS, RTS/RPG, Movie).
- **Input Source:** Manually select the active input (HDMI 1, HDMI 2, DisplayPort 1, DisplayPort 2, Type-C).
- **Gaming Features:** Enable/disable features like FreeSync Premium, Aim Stabilizer, Black Equalizer, and Super Resolution.

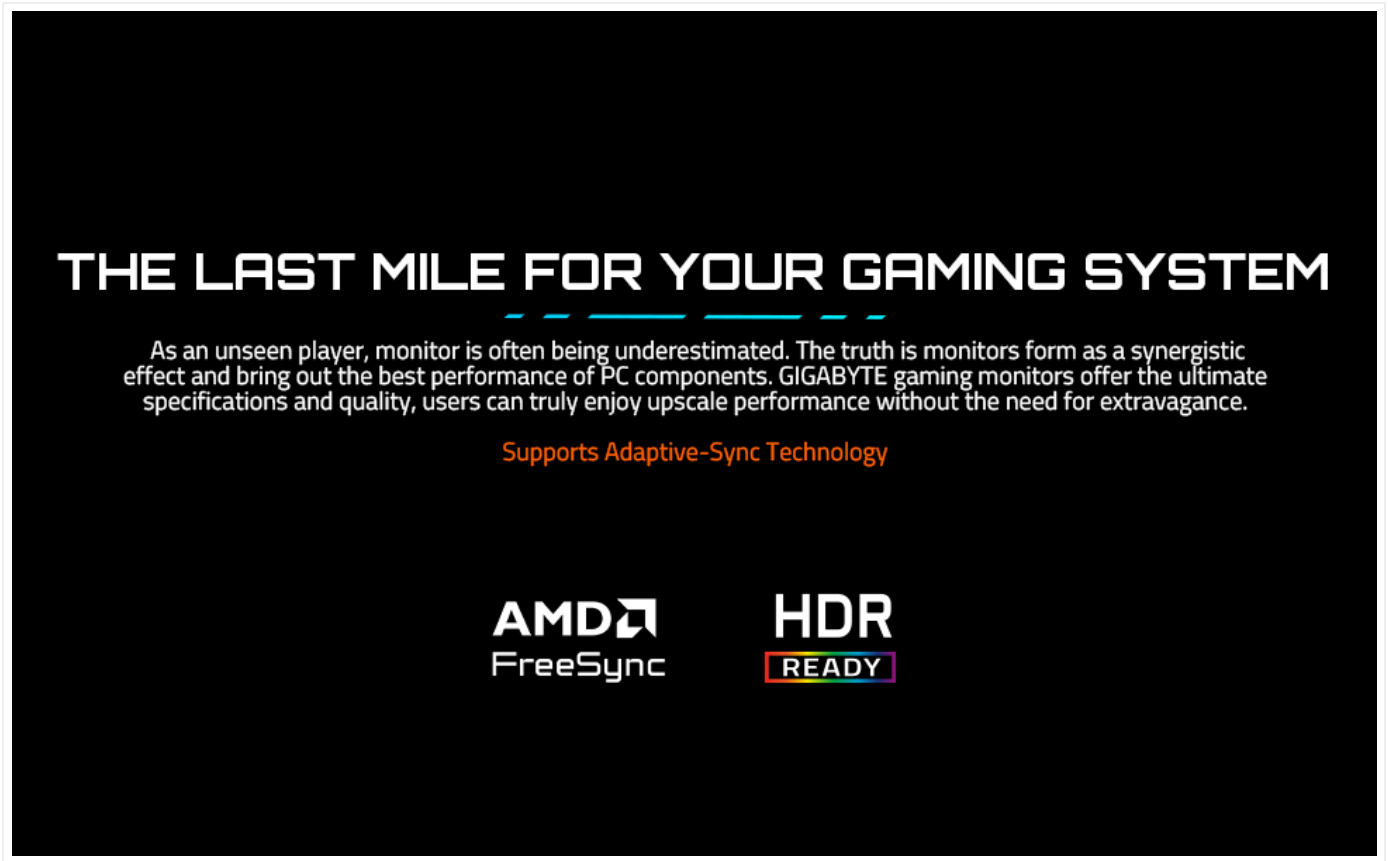



Figure 5.1: Screenshot of the GIGABYTE OSD Sidekick software interface. This application allows users to adjust monitor settings directly from their keyboard and mouse, providing an alternative to the physical OSD menu.

For advanced control, GIGABYTE OSD Sidekick software allows you to adjust display options using your keyboard and mouse. This software can be downloaded from the official GIGABYTE website.

## 5.3 Key Features

- **180Hz Refresh Rate & 1ms MPRT:** Provides smooth, fluid visuals and minimizes motion blur, crucial for fast-paced gaming.
- **AMD FreeSync Premium:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering.
- **Black Equalizer:** Enhances visibility in dark areas of the screen without overexposing bright areas, giving a competitive edge in games.
- **TÜV Rheinland Certified:** Features Flicker-Free technology to prevent eye strain and Low Blue Light mode for eye health protection.




Figure 5.2: Visual comparison demonstrating the difference between 1ms response time and 180Hz refresh rate versus 5ms and 60Hz, highlighting the smoother motion and reduced blur achieved with higher specifications.



Figure 5.3: Demonstration of the Black Equalizer feature, showing a side-by-side comparison of a dark scene with the feature "ON" (revealing more detail) and "OFF" (darker, less detail).

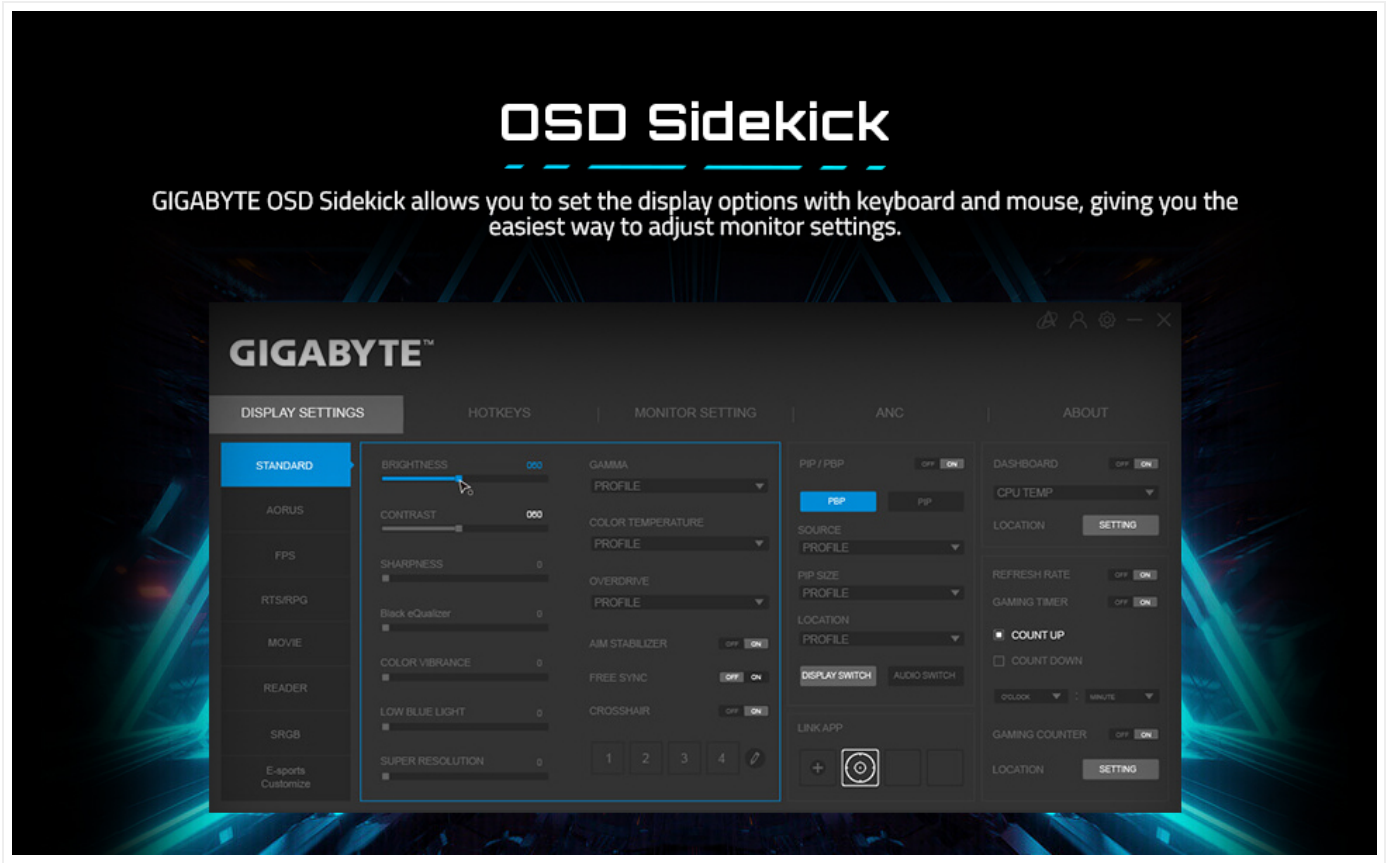



Figure 5.4: Icons and descriptions for TÜV Rheinland Certified features: Flicker-Free (preventing eye strain) and Low Blue Light (certified for eye health protection).

# 6. Maintenance

## 6.1 Cleaning the Monitor

To clean the monitor, follow these guidelines:

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not spray liquid directly onto the screen or casing.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive cleaning agents.

## 6.2 Storage

When storing the monitor for an extended period, ensure it is kept in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to store it in its original packaging to protect it from dust and physical damage.

# 7. Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| No image on screen | Monitor not powered on.<br>Video cable not connected properly.<br>Incorrect input source selected. | Press the power button.<br>Check video cable connections (HDMI, DisplayPort, Type-C).<br>Select the correct input source via the OSD menu. |
| Image is blurry or distorted | Incorrect resolution setting.<br>Video cable quality or damage. | Set the display resolution to 3440x1440.<br>Try a different video cable. |
| No audio | Audio cable not connected.<br>Volume too low or muted.<br>Incorrect audio output device selected on PC. | Ensure headphones/speakers are connected to the Earphone Jack.<br>Adjust volume via OSD or PC.<br>Select the monitor as the default audio output device in your operating system. |
| Ghosting or motion blur in games | Overdrive setting not optimized. | Adjust the Overdrive setting in the OSD menu to reduce ghosting. |

## 8. Specifications

| Feature | Detail |
| --- | --- |
| Model Name | G34WQCP |
| Panel Size | 34 inches |
| Panel Type | VA Curved |
| Resolution | 3440 x 1440 (WQHD) |
| Aspect Ratio | 21:9 |
| Refresh Rate | 180Hz |
| Response Time | 1ms MPRT |
| Color Gamut | 90% DCI-P3, 8-bit |
| HDR Support | VESA DisplayHDR 400 |
| Adaptive Sync | AMD FreeSync Premium |
| Connectivity | 2x HDMI 2.0, 2x DisplayPort 1.4, 1x Earphone Jack |
| Adjustability | Height (100mm), Tilt (-5° to +20°) |
| VESA Mount | 100x100mm |
| Dimensions (WxHxD) | Approx. 31.85 x 19.24 x 9.24 inches (with stand) |

| Feature | Detail |
| --- | --- |
| Weight | Approx. 18.39 pounds (with stand) |

## 9. Warranty and Support

For warranty information and technical support, please refer to the warranty card included in your product package or visit the official GIGABYTE website:

**GIGABYTE Official Website:** www.gigabyte.com

You can find drivers, firmware updates, and additional support resources on their support page. Please have your product model number (G34WQCP) and serial number ready when contacting support.

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