

HP Z34c G3

HP Z34c G3 34" Webcam WQHD Curved Screen LED LCD Monitor User Manual

Model: Z34c G3

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your HP Z34c G3 34-inch Webcam WQHD Curved Screen LED LCD Monitor. Please read these instructions thoroughly before operating the device and retain them for future reference.

2. SAFETY INFORMATION

- Ensure the monitor is placed on a stable, level surface to prevent accidental falls.
- Do not block ventilation openings. Proper airflow is essential to prevent overheating.
- Use only the power cord and adapter supplied by the manufacturer.
- Avoid exposing the monitor to moisture, rain, or extreme temperatures.
- Disconnect the power cord from the wall outlet before cleaning or if the monitor will be unused for an extended period.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

3. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- HP Z34c G3 WQHD Curved Display
- DisplayPort cable
- HDMI cable
- VESA Mount adapter
- Warranty card
- QSP (Quick Setup Poster)
- 1 x USB Type-C to Type-C cable

- AC power cord
- USB Type-A cable
- Color calibration report

4. PRODUCT OVERVIEW

4.1 Front View

The HP Z34c G3 monitor features a 34-inch curved WQHD display with an integrated webcam and front-firing speakers.



Figure 4.1: Front view of the HP Z34c G3 monitor.

4.2 Rear View and Ports

The rear of the monitor houses various connectivity ports for video input, USB devices, and network connections.



Figure 4.2: Rear view with connectivity ports.

- **Power Input:** Connects to the AC power cord.
- **DisplayPort 1.4:** For video input from a computer.
- **HDMI 2.0:** For video input from a computer or other devices.
- **USB-C (Upstream, 100W Power Delivery):** Connects to a computer for video, data, and power.
- **USB-B (Upstream):** Connects to a computer to enable the monitor's USB-A ports.
- **USB-A 3.0 (Downstream):** Four ports for connecting peripherals like keyboards, mice, or external drives.
- **RJ-45 (Ethernet):** For network connectivity.

4.3 Integrated Webcam

The monitor features an integrated 5MP pop-up webcam with dual noise-cancelling microphones, designed for video conferencing.



Figure 4.3: Integrated 5MP pop-up webcam.

5. SETUP INSTRUCTIONS

1. **Unpack the Monitor:** Carefully remove all components from the packaging.
2. **Assemble the Stand:** Attach the stand base to the stand column, then attach the assembled stand to the monitor panel. Ensure all connections are secure. Refer to the Quick Setup Poster for detailed assembly steps.
3. **Connect Video Cable:**
 - For USB-C connectivity (video, data, and power): Connect the supplied USB Type-C to Type-C cable from your computer's USB-C port to the monitor's USB-C upstream port.
 - For DisplayPort connectivity: Connect the supplied DisplayPort cable from your computer's DisplayPort output to the monitor's DisplayPort input.
 - For HDMI connectivity: Connect the supplied HDMI cable from your computer's HDMI output to the monitor's HDMI input.
4. **Connect USB Upstream Cable (if not using USB-C for data):** If using DisplayPort or HDMI for video, connect the supplied USB Type-A to USB-B cable from your computer's USB-A port to the monitor's USB-B upstream port to enable the monitor's USB-A downstream ports and webcam/microphone.
5. **Connect Power:** Connect the AC power cord to the monitor's power input, then plug the other end into a grounded electrical outlet.
6. **Power On:** Press the power button on the monitor. The monitor should automatically detect the input signal.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the power button located on the bottom right of the monitor bezel to turn the monitor on or off. The monitor also supports Single Power On, allowing it to turn on your connected laptop (even with the lid closed) by pressing the monitor's power button when connected via USB-C.

6.2 On-Screen Display (OSD) Menu

Use the OSD buttons (typically located on the bottom bezel) to navigate and adjust monitor settings such as brightness, contrast, color, input source, and picture modes. Refer to the full user guide for detailed OSD menu navigation.

6.3 Webcam and Microphone Usage

The integrated 5MP webcam is designed to pop up when needed. To activate, gently push down on the top edge of the webcam module until it extends. To retract and disable the camera and microphone for privacy, gently push the webcam module back into the monitor bezel until it clicks into place.

6.4 KVM Functionality

The monitor features integrated KVM (Keyboard, Video, Mouse) functionality, allowing you to switch between two connected computers using the same keyboard and mouse connected to the monitor's USB-A ports. This feature is typically managed through the OSD menu or HP Display Center software.

6.5 USB-C Power Delivery

When connected via USB-C, the monitor can deliver up to 100W of power to charge compatible laptops, simplifying cable management.

7. MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-abrasive screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using harsh chemicals or abrasive materials.
- **Ventilation:** Ensure the ventilation openings are clear of dust and obstructions to maintain proper airflow.

8. TROUBLESHOOTING

Problem	Possible Solution
No image on screen	<p>Ensure the power cord is securely connected to the monitor and the electrical outlet.</p> <p>Verify the video cable (DisplayPort, HDMI, or USB-C) is properly connected to both the monitor and the computer.</p> <p>Check if the computer is powered on and not in sleep mode.</p> <p>Select the correct input source using the OSD menu.</p>
Poor image quality	<p>Adjust brightness, contrast, and color settings via the OSD menu.</p> <p>Ensure the display resolution on your computer is set to the monitor's native resolution (3440 x 1440).</p> <p>Check for bent pins on video cable connectors.</p>

Problem	Possible Solution
Webcam or microphone not working	<p>Ensure the webcam is popped up and not retracted.</p> <p>If using DisplayPort or HDMI for video, ensure the USB Type-A to USB-B upstream cable is connected between the monitor and your computer.</p> <p>Check privacy settings in your operating system and video conferencing software.</p> <p>Ensure the correct microphone and camera are selected in your application settings.</p>
Issues with Mac compatibility (as reported by users)	<p>Ensure your macOS is updated to the latest version.</p> <p>Check for updated display drivers or firmware from HP's support website.</p> <p>Verify all cables are correctly connected, especially USB-C for full functionality.</p> <p>Consult HP support for specific Mac-related issues.</p>

9. SPECIFICATIONS

Feature	Detail
Brand	HP
Model Number	Z34c G3
Screen Size	34 Inches
Resolution	WQHD (3440 x 1440)
Aspect Ratio	21:9
Display Type	LCD (IPS)
Refresh Rate	60 Hz
Response Time	6 Milliseconds (GTG OD)
Brightness	350 Nits (1199.1 lm)
Contrast Ratio	10,000,000:1 (Dynamic)
Color Gamut	99% sRGB, 85% DCI-P3
Viewing Angle	178 Degrees
Webcam	5-megapixel pop-up webcam with dual mics
Connectivity	DisplayPort 1.4, HDMI 2.0, USB-C (100W PD), USB-B (upstream), 4x USB-A 3.0 (downstream), RJ-45 (Ethernet)
Additional Features	Built-In Speakers, Curved, Height/Swivel/Tilt Adjustment, USB Hub, KVM, FreeSync
Power Consumption	250 Watts (Maximum)
Item Dimensions (D x W x H)	4.1"D x 32"W x 15.3"H
Item Weight	35.54 Pounds

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This HP Z34c G3 monitor comes with a **3-year Manufacturer Warranty**. Please refer to the included Warranty card

and the color calibration report for specific terms and conditions. Retain your proof of purchase for warranty claims.

10.2 Technical Support

For technical assistance, driver downloads, or further product information, please visit the official HP support website. You can typically find support resources by searching for your monitor model (HP Z34c G3) on their website.

Note: Product specifications and warranty terms are subject to change without notice.