Great voell Q49B5D-165

Great voell 49-inch Curved Gaming Monitor (Model Q49B5D-165) User Manual

Your guide to setup, operation, and maintenance.

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Great voell 49-inch Curved Gaming Monitor, Model Q49B5D-165. This monitor features a 32:9 DQHD (5120x1440p) resolution, a 165Hz refresh rate, 1ms response time, 1500R curvature, HDR400 support, and FreeSync technology for an immersive visual experience.



Image 1.1: The Great voell 49-inch Curved Gaming Monitor, showcasing its ultrawide display and sleek design.

2. Safety Information

Please read and follow these safety precautions to prevent damage to the monitor and ensure your safety:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor to prevent overheating.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals.

3. Package Contents

Verify that all items are present in your package:

- Great voell 49-inch Curved Gaming Monitor
- Monitor Stand (Base and Neck)
- DisplayPort (DP) Cable
- Power Adapter

- User Manual (this document)



Image 3.1: Contents included in the monitor package.

4. Setup

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping it protected on a soft, flat surface.
2. Attach the stand neck to the monitor using the provided screws.
3. Attach the stand base to the stand neck, securing it with the designated screw.
4. Place the assembled monitor on a stable, level desk.

4.2 VESA Mounting (Optional)

The monitor supports 100x100mm VESA mounting. If using a VESA mount, remove the stand neck and attach your VESA-compatible arm or wall mount to the monitor's VESA holes using appropriate screws (not included).

4.3 Connecting Cables

Connect the necessary cables to the monitor's rear ports:

- **Power:** Connect the power adapter to the DC IN port on the monitor and then to a power outlet.
- **Video Input:** Connect one end of the DisplayPort (DP) cable to your computer's graphics card and the other end to one of the DP ports on the monitor. Alternatively, use an HDMI cable for HDMI ports.
- **Audio Output:** If desired, connect external speakers or headphones to the 3.5mm audio output jack.

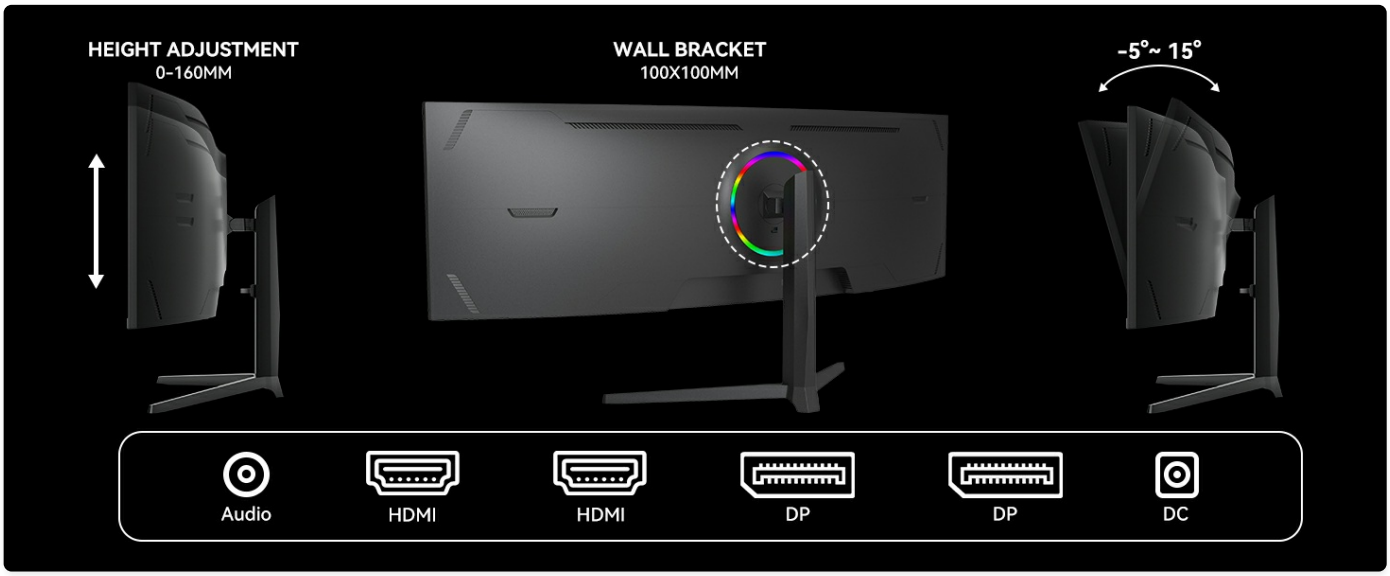


Image 4.1: Rear panel connectivity options and VESA mounting points.

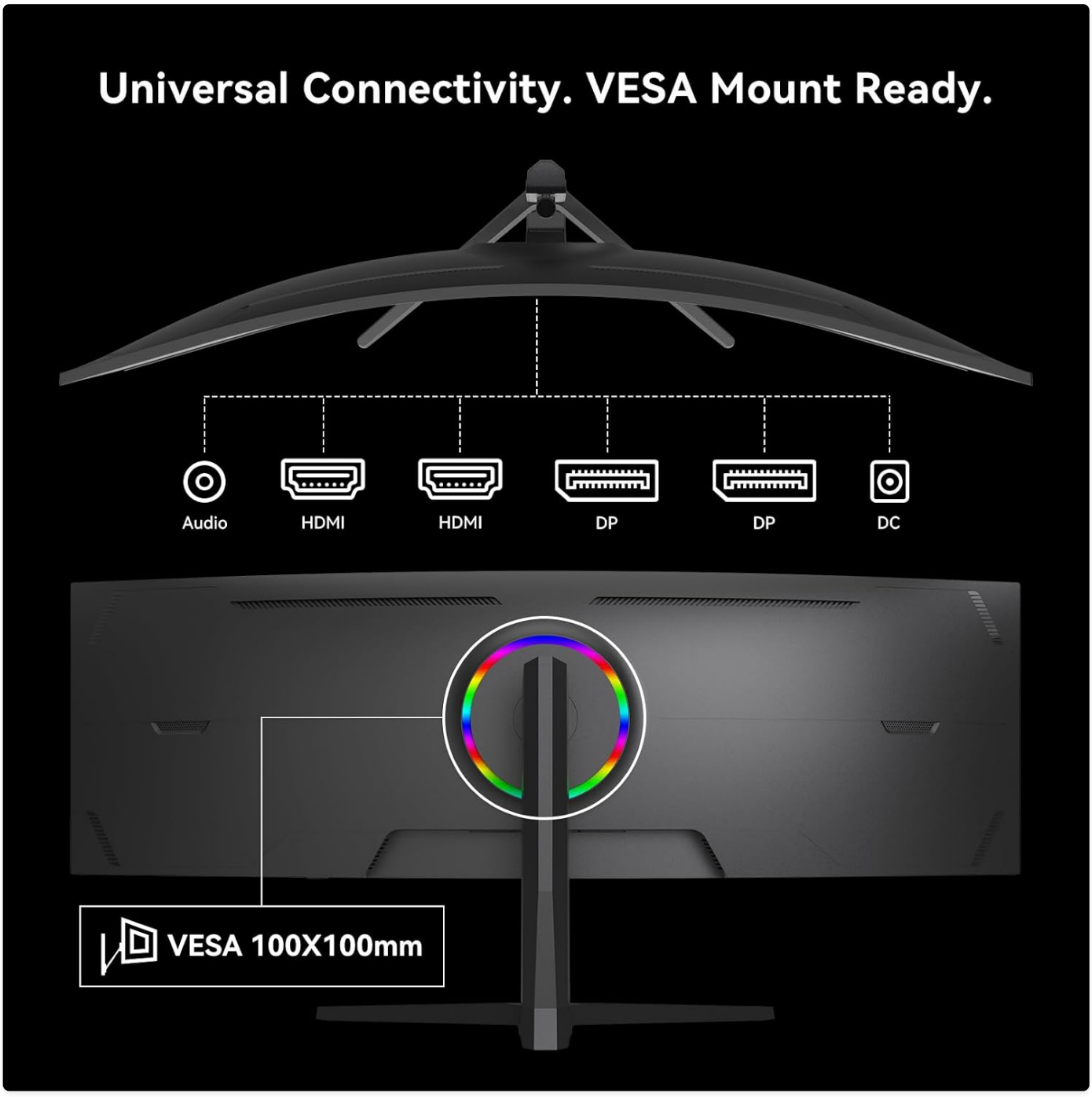


Image 4.2: Universal connectivity options and VESA mount readiness.

5. Operating Instructions

5.1 Power On/Off

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

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons (typically a joystick or a set of buttons) located on the monitor to navigate the menu. Common settings include:

- **Picture Settings:** Brightness, Contrast, Color Temperature, HDR mode.
- **Input Source:** Select between DisplayPort and HDMI inputs.
- **Audio:** Volume control for connected audio devices.
- **Gaming Features:** FreeSync, Response Time overdrive.
- **System Settings:** Language, OSD timeout.

5.3 Refresh Rate and Response Time

This monitor supports a 165Hz refresh rate via DisplayPort 1.4 and a 1ms response time. Ensure your graphics card and system settings are configured to utilize these features for optimal performance, especially in gaming.



Image 5.1: Visual demonstration of the difference between standard 60Hz and 165Hz Pro-Motion for reduced motion blur.

5.4 Adaptive Sync (FreeSync)

The monitor features FreeSync technology to eliminate screen tearing and stuttering by synchronizing the monitor's refresh rate with your graphics card's frame rate. Enable FreeSync in your graphics card control panel and the monitor's OSD menu for a smoother gaming experience.

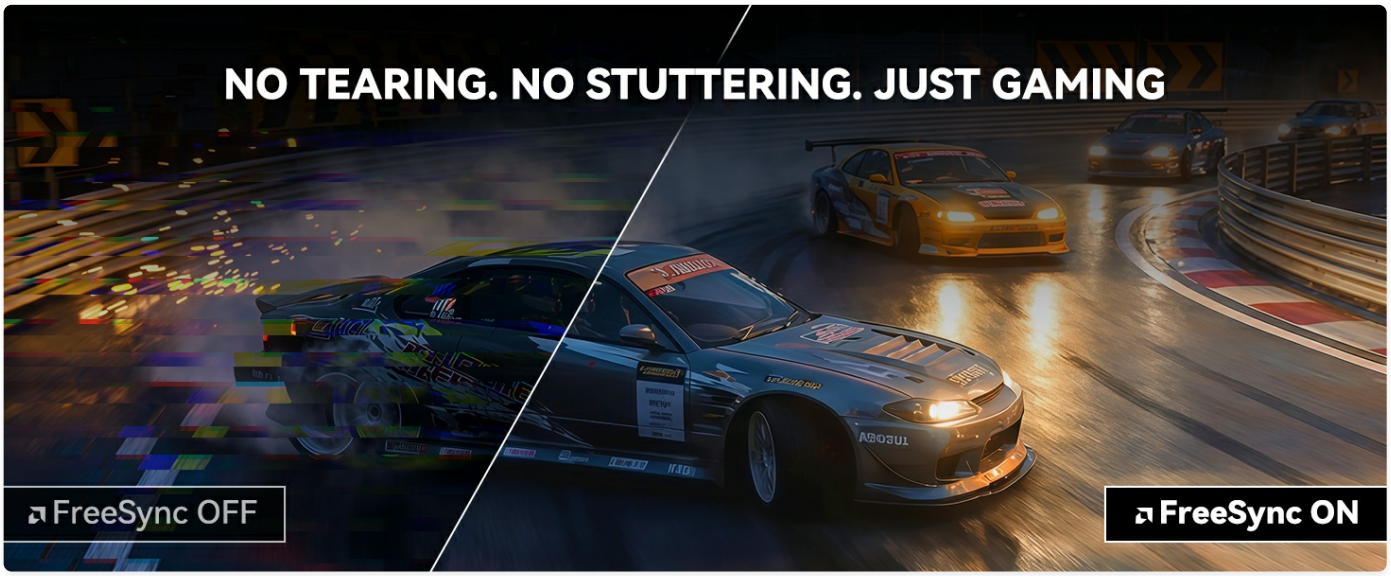


Image 5.2: Illustrates the visual improvement when FreeSync is enabled, preventing screen tearing.

5.5 Low Blue Light Mode

To reduce eye strain during extended use, especially in low-light conditions, activate the Low Blue Light Mode through the OSD menu. This mode filters harmful blue light emissions while maintaining color accuracy.

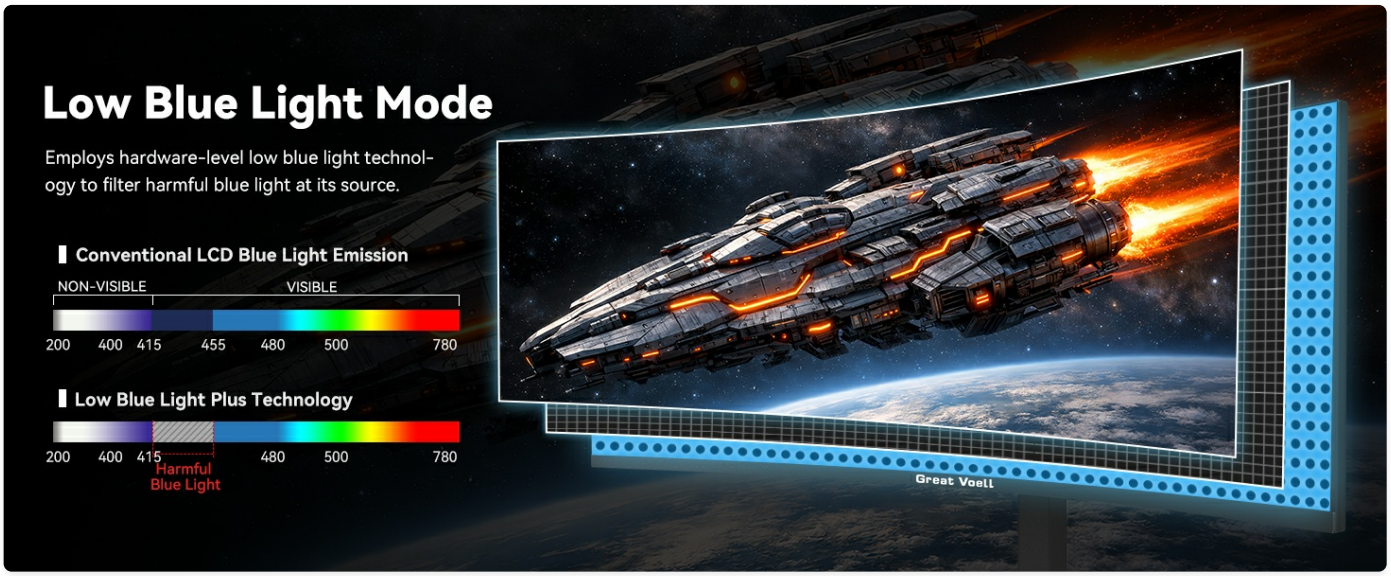


Image 5.3: Explanation of Low Blue Light Mode technology and its benefits.

5.6 Multi-Device Mastery (PBP/PIP)

The monitor supports Picture-by-Picture (PBP) and Picture-in-Picture (PIP) functions, allowing you to display content from multiple sources simultaneously. This is useful for multitasking, such as gaming on one side and monitoring a guide or work on the other.

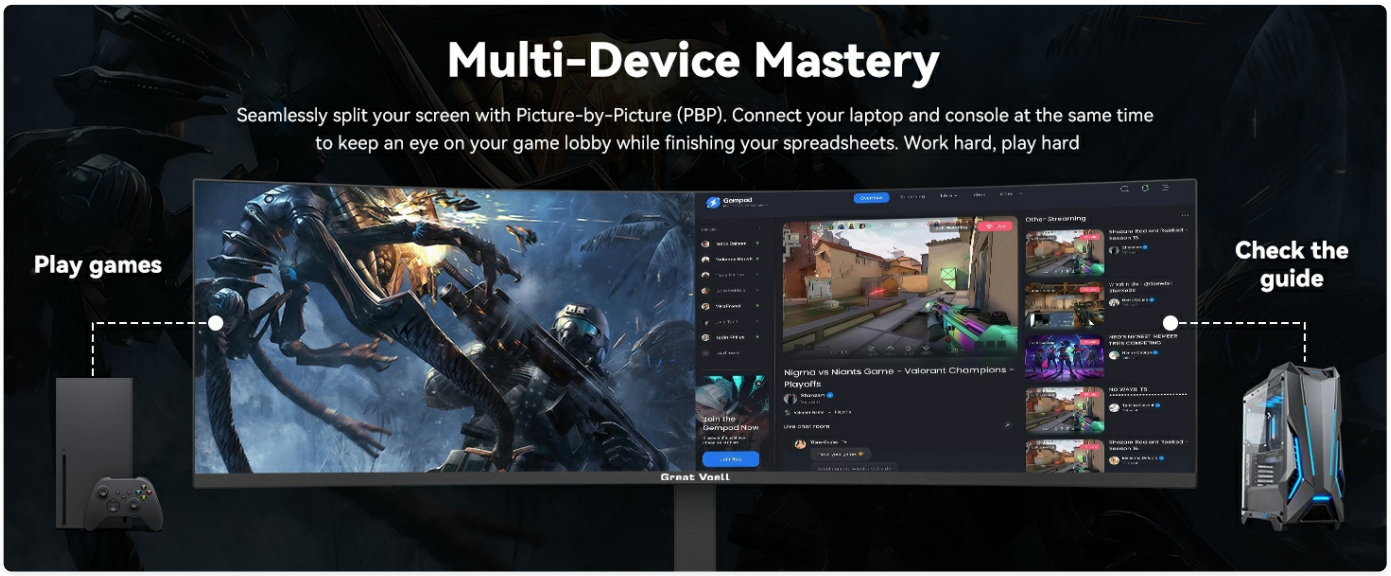


Image 5.4: Example of the monitor's Picture-by-Picture (PBP) feature in use.

6. Maintenance

6.1 Cleaning the Screen

Gently wipe the screen with a soft, dry, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-cleaning solution specifically designed for monitors. Do not spray liquid directly onto the screen.

6.2 Cleaning the Casing

Use a soft, dry cloth to wipe the monitor casing. Avoid using abrasive cleaners or solvents that may damage the surface.

6.3 Storage

If storing the monitor for an extended period, disconnect all cables and pack it in its original packaging or a suitable protective container. Store in a cool, dry place.

7. Troubleshooting

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power / Power LED off	Power cable not connected; Power outlet faulty	Ensure power cable is securely connected to monitor and outlet; Test outlet with another device.
No signal / Blank screen	Video cable not connected; Incorrect input source selected; Computer not outputting signal	Check video cable connections (DP/HDMI); Select correct input source via OSD; Restart computer.
Screen tearing or stuttering	FreeSync not enabled; Graphics card driver issues	Enable FreeSync in monitor OSD and graphics card settings; Update graphics drivers.

Problem	Possible Cause	Solution
Image too dark/bright or incorrect colors	Picture settings incorrect	Adjust Brightness, Contrast, and Color Temperature in the OSD menu.
Monitor flickers	Incorrect refresh rate; Faulty cable	Ensure refresh rate is set correctly (e.g., 165Hz for DP); Try a different video cable.

8. Specifications

Feature	Specification
Brand	Great voell
Model Number	Q49B5D-165
Screen Size	49 Inches
Resolution	5120x1440 (DQHD)
Aspect Ratio	32:9
Curvature	1500R
Refresh Rate	165 Hz (via DP 1.4)
Response Time	1 Millisecond
Contrast Ratio	3000:1
Color Gamut	127% sRGB
HDR Support	HDR400 (VESA DisplayHDR 1000 mentioned in specs, but HDR400 in features, using HDR400 as it's more consistent with other features)
Adaptive Sync	FreeSync
Connectivity	2x DisplayPort 1.4, 2x HDMI 2.0, Audio Out
VESA Mount	100x100mm
Item Dimensions (D x W x H)	1.9"D x 46"W x 16"H
Item Weight	24.2 Pounds



Image 8.1: Visual representation of the 1500R curvature for an immersive viewing experience.



Image 8.2: Illustration of the monitor's 3000:1 true contrast ratio.

9. Warranty and Support

9.1 Warranty Information

Your Great voell 49-inch Curved Gaming Monitor is backed by a**3-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty inquiries, or any other support needs, please contact Great voell customer service. Refer to the contact information provided on the official Great voell website or your purchase documentation for details on how to reach our 24/7 round-the-clock assistance.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I save settings in the OSD menu of the Great voell 49-inch Gaming Monitor (Q49B5D-165) without the monitor turning off?

It sounds like there is a confusion between the navigation joystick functions and the Power button. On many ultrawide monitors like the Great voell Q49B5D-165, the control interface is often a single multi-directional joystick...

Read full answer

How do I save settings in the OSD menu of the Great voell 49-inch Gaming Monitor (Q49B5D-165) if there is no joystick and the button turns the monitor off?

If your Great voell Q49B5D-165 monitor does not have a joystick, it uses a set of individual physical buttons located on the bottom edge of the monitor. The reason your monitor is turning off...

Read full answer