Great voell Q270B16

Great voell 27-Inch Gaming Monitor (Model: Q270B16) User Manual

Model: Q270B16

Introduction Features Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Great voell 27-Inch Gaming Monitor (Model Q270B16). Please read this manual thoroughly before using the monitor to ensure optimal performance and to prevent damage.

2. Key Features

- **27-inch Full HD (1920x1080P) Display:** Delivers clear and detailed visuals.
- **180Hz Refresh Rate & 1ms Response Time:** Ensures smooth gameplay and reduces motion blur.
- **99% sRGB Color Gamut & HDR Support:** Provides vibrant and accurate colors with enhanced contrast.
- **FreeSync Technology:** Eliminates screen tearing and stuttering for fluid gaming.
- **Anti-Blue Light Technology:** Reduces eye strain during extended use.
- **VESA Mountable (100x100mm):** Allows for flexible mounting options.
- **Connectivity:** Equipped with HDMI 2.0 and DisplayPort 1.4 inputs.
- **Curved Design (1800R):** Offers an immersive viewing experience.

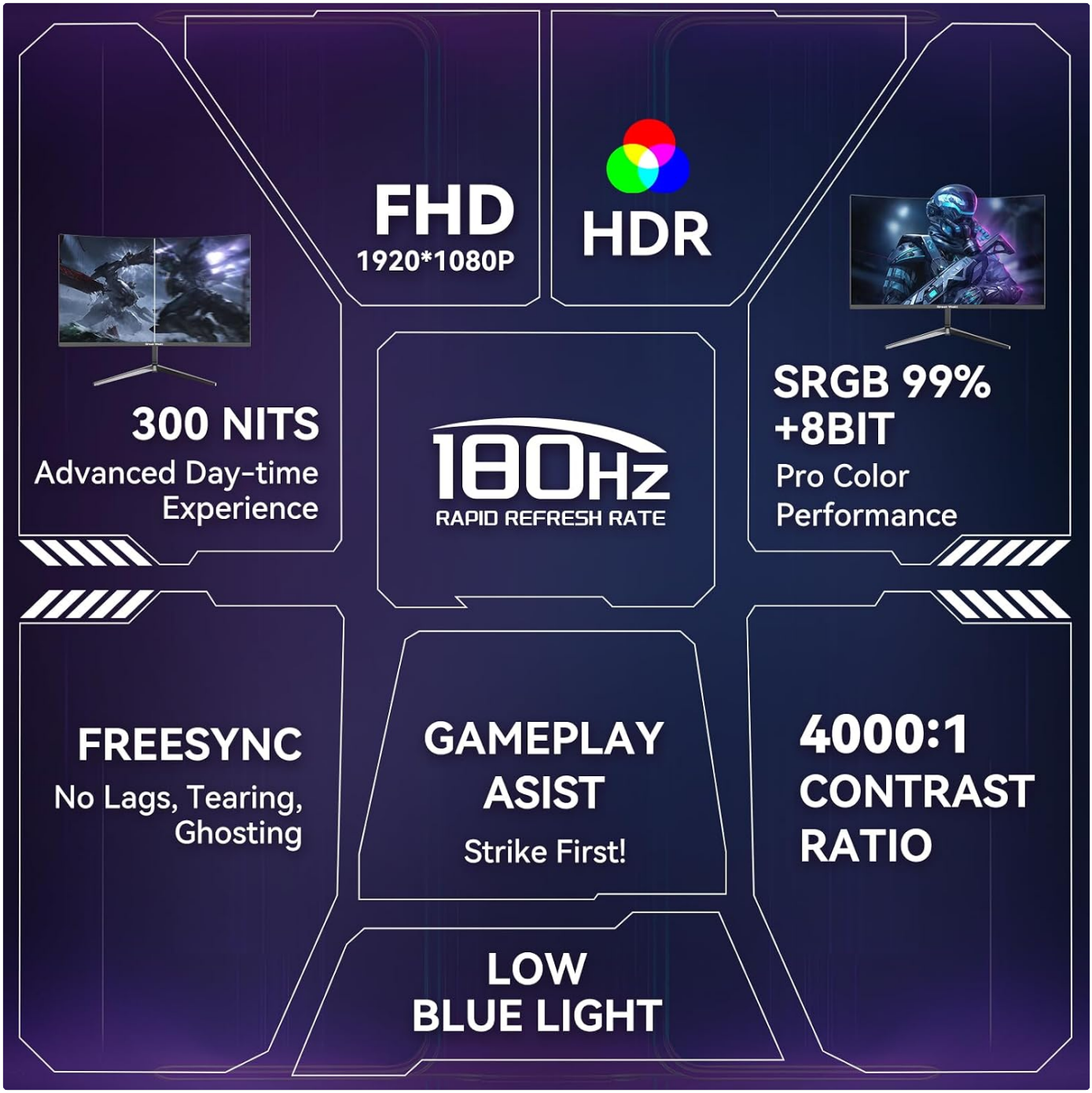


Figure 2.1: Overview of monitor's key features.

This image highlights the monitor's core capabilities, including its Full HD resolution, HDR support, 180Hz refresh rate, 99% sRGB color performance, FreeSync compatibility, low blue light feature, and 4000:1 contrast ratio. These features are designed to enhance the visual experience for gaming and general use.

3. Setup Instructions

3.1. Unpacking the Monitor

Carefully remove all components from the packaging. Ensure all items listed in the "What's in the Box" section are present.

- Monitor Display
- Stand Base
- Stand Neck
- Power Adapter
- HDMI Cable

- User Manual (this document)

3.2. Assembling the Stand

1. Attach the stand neck to the stand base using the provided screw.
2. Carefully attach the assembled stand to the back of the monitor panel. Ensure it clicks securely into place.

Note: The stand is designed for quick installation. Refer to the product images for visual guidance on stand assembly and attachment points.

3.3. Connecting the Monitor

1. **Power Connection:** Connect the power adapter to the monitor's AC input port, then plug the adapter into a power outlet.
2. **Video Connection:**
    - For optimal performance, connect one end of the provided HDMI cable to the monitor's HDMI 2.0 port and the other end to your computer's HDMI output.
    - Alternatively, use a DisplayPort (DP 1.4) cable for connection to a compatible device.
3. **Audio Connection (Optional):** If you wish to use external speakers or headphones, connect them to the monitor's earphone jack.



Figure 3.1: Monitor connectivity ports.

This image illustrates the various input and output ports located on the rear of the monitor, including HDMI, DisplayPort (DP), USB, earphone jack, and the AC power input. Proper connection of these cables is crucial for the monitor's functionality.

3.4. VESA Mounting (Optional)

The monitor supports VESA 100x100mm mounting standards. If you plan to use a wall mount or an alternative monitor arm, remove the stand and attach the VESA-compatible mount using appropriate screws (not included).



Figure 3.2: Monitor dimensions and VESA mounting details.

This diagram provides the physical dimensions of the monitor and indicates the location and size of the VESA mounting holes (100x100mm), which are used for attaching the monitor to compatible wall mounts or desk arms.

4. Operating Instructions

4.1. Powering On/Off

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

4.2. On-Screen Display (OSD) Menu Navigation

The monitor features an intuitive rear button design for OSD navigation. Use the joystick or buttons (depending on model variant) to access and adjust settings.

- **Press:** Enter OSD menu / Select item.

- **Up/Down:** Navigate menu options.
- **Left/Right:** Adjust values / Navigate sub-menus.
- **Back/Exit:** Exit current menu or OSD.

4.3. Picture Settings

Within the OSD menu, you can adjust various picture settings to optimize your viewing experience:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Temperature:** Select predefined color modes (e.g., Warm, Cool, User) or adjust RGB values manually.
- **Picture Mode:** Choose from various presets like Standard, Game, Movie, Text, etc.
- **HDR:** Enable or disable High Dynamic Range for compatible content.
- **FreeSync:** Enable FreeSync for adaptive synchronization with compatible graphics cards.
- **Low Blue Light:** Activate to reduce blue light emission and eye strain.

5. Maintenance

5.1. Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive materials, as these can damage the screen surface.

5.2. Storage

If storing the monitor for an extended period, place it back in its original packaging to protect it from dust and physical damage. Store in a cool, dry place.

6. Troubleshooting

Before contacting customer support, please refer to the following common issues and solutions:

6.1. No Power / No Image

- Ensure the power cable is securely connected to both the monitor and the power outlet.
- Verify the power adapter is functioning correctly.
- Check if the monitor's power indicator light is on. If not, press the power button.
- Confirm the video cable (HDMI/DP) is securely connected to both the monitor and your computer/device.
- Try connecting the monitor to a different video source or using a different video cable to rule out cable or source issues.

6.2. Image is Blurry or Distorted

- Check the display resolution settings on your computer. Ensure it is set to the monitor's native resolution (1920x1080).
- Adjust the monitor's picture settings (e.g., sharpness, contrast) via the OSD menu.
- Ensure the video cable is not damaged and is properly seated.

6.3. No Sound from Speakers/Headphones

- Check the volume settings on both the monitor (via OSD) and your computer.
- Ensure headphones/external speakers are correctly plugged into the monitor's earphone jack.

- Verify that the audio output on your computer is set to the monitor or the correct audio device.

6.4. Screen Tearing or Stuttering (Gaming)

- Ensure FreeSync is enabled in the monitor's OSD menu.
- Verify that your graphics card supports FreeSync and that it is enabled in your graphics card's control panel.
- Update your graphics card drivers to the latest version.

7. Technical Specifications

Feature	Specification
Brand	Great voell
Model Number	Q270B16
Screen Size	27 Inches
Resolution	FHD 1920 x 1080 Pixels
Aspect Ratio	16:9
Refresh Rate	180 Hz
Response Time	12 Milliseconds (Note: Product description states 1ms, specification table states 12ms. Please refer to product packaging for definitive value.)
Panel Type	VA
Brightness	300 cd/m² (Lumens)
Contrast Ratio	3000:1 (Static)
Color Gamut	99% sRGB
Viewing Angle	178 Degrees
Curvature	1800R
Video Inputs	1x HDMI 2.0, 1x DisplayPort 1.4
Audio Output	Earphone Jack
Adaptive Sync	FreeSync
VESA Compatibility	100 x 100 mm
Power Consumption	25 Watts
Item Weight	3.82 Kilograms
Dimensions (D x W x H)	15.4D x 43.1W x 61.1H Centimeters (with stand)

Note: Specifications are subject to change without notice. Please refer to the product packaging for the most accurate information.

8. Warranty & Support

Your Great voell monitor is protected by a **365-day warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical assistance, or any questions regarding your monitor, please contact Great voell customer support. Contact information can typically be found on the product packaging or the official Great voell website.

Please have your model number (Q270B16) and proof of purchase ready when contacting support.

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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.

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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