

XIAOMI GPro27i

Xiaomi Mini-LED Gaming Monitor G Pro 27i User Manual

Model: GPro27i (P27QBA-RGPGL) | Brand: XIAOMI

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the setup, operation, and maintenance of your Xiaomi Mini-LED Gaming Monitor G Pro 27i. This 27-inch monitor features Mini-LED backlight technology, a Fast IPS panel, 2K QHD (2560x1440) resolution, a 180Hz refresh rate, and 1ms GtG response time, designed to deliver a high-performance visual experience. It supports HDR 1000 and covers 99% DCI-P3 color gamut for vibrant and accurate colors.



Figure 1.1: Xiaomi Mini-LED Gaming Monitor G Pro 27i

2. KEY FEATURES

- **Mini-LED Technology and IPS Panel:** Equipped with advanced Mini-LED backlight technology and 1152 independent dimming zones, providing precise control over image display for exquisite details and captivating light and shadow effects. The IPS panel ensures wide viewing angles and consistent color reproduction.
- **High Resolution and Refresh Rate:** Features 2K QHD (2560 x 1440) resolution for clear and sharp images. A lightning-fast 180Hz refresh rate and 1ms GtG response time ensure smooth motion and reduced ghosting, crucial for fast-paced gaming.
- **Adaptive Sync Technology:** Ensures ultra-smooth, tear-free visuals by synchronizing the monitor's refresh rate with the graphics card's frame rate, enhancing the gaming experience.
- **VESA DisplayHDR 1000 and Wide Color Gamut:** VESA DisplayHDR 1000 certification combined with an impressive 99% DCI-P3 color gamut delivers vibrant, lifelike colors and deep contrast, immersing users in realistic visuals.
- **TUV Low Blue Light Certification:** Designed to reduce eye strain during prolonged use by filtering harmful blue light, ensuring a comfortable viewing experience.

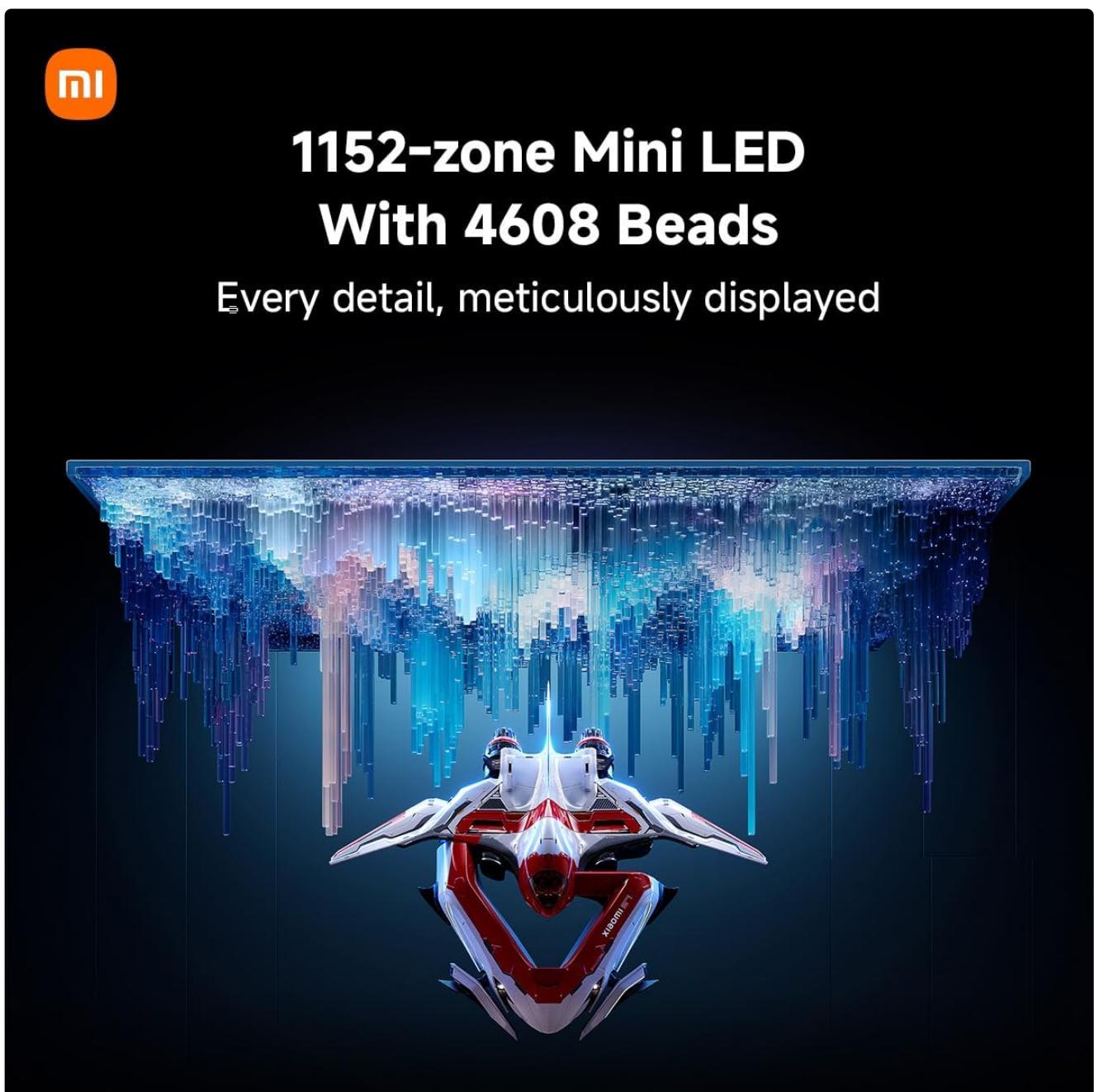


Figure 2.1: Illustration of 1152-zone Mini LED backlight



2K 180Hz, Fast IPS, 1ms Rapid Response*

Experience smooth gaming experiences so
you can play your best



Figure 2.2: High refresh rate and rapid response for smooth gaming



FreeSync Anti-tearing Technology

Ensures smoothness and stability during critical in-game moments



Figure 2.3: Adaptive Sync Technology for tear-free visuals

3. SETUP

3.1 Unpacking and Assembly

Carefully remove the monitor and all components from the packaging. Ensure all parts are present before proceeding with assembly.

1. Attach the stand base to the stand neck using the provided screws.
2. Connect the assembled stand to the back of the monitor until it clicks securely into place.
3. Place the monitor on a stable, flat surface.



Figure 3.1: Monitor dimensions for placement consideration

3.2 Connecting Cables

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

- **Power Cable:** Connect the power adapter to the monitor's DC jack and then to a power outlet.
- **DisplayPort (DP):** For optimal performance (180Hz, 2K QHD), connect a DisplayPort cable from your computer's graphics card to one of the monitor's DP 1.4 ports. (2 ports available)
- **HDMI:** Alternatively, connect an HDMI cable from your computer to one of the monitor's HDMI 2.0 ports. (2 ports available)
- **Audio Out:** Connect external speakers or headphones to the 3.5mm audio jack if desired.



Ports

DP 1.4 x 2	HDTV x 2	Audio x 1	DC jack x 1

Figure 3.2: Monitor rear ports

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button, typically 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.

4.2 On-Screen Display (OSD) Menu Navigation

The monitor features a joystick control for navigating the OSD menu.

- Press the joystick to open the OSD menu.
- Move the joystick up, down, left, or right to navigate through menu options.
- Press the joystick again to select an option or confirm a setting.

- Move the joystick left to exit a sub-menu or the OSD.

4.3 Adjusting Settings

Within the OSD menu, you can adjust various display settings:

- Picture Mode:** Select from predefined modes (e.g., Standard, Game, Movie) or customize settings.
- Brightness/Contrast:** Adjust the overall luminance and contrast ratio.
- HDR:** Enable or disable HDR (High Dynamic Range) mode. Note that some settings may be locked when HDR is active.
- Local Dimming:** Control the Mini-LED local dimming feature (e.g., High, Medium, Low, Off). This feature enhances contrast by dimming specific backlight zones.
- Refresh Rate:** Verify and set the desired refresh rate (up to 180Hz) through your computer's display settings.
- Adaptive Sync:** Ensure this setting is enabled in the OSD and your graphics card control panel for tear-free gaming.
- Color Settings:** Fine-tune color temperature, gamma, and color space.
- Input Source:** Manually select the input source (DP1, DP2, HDMI1, HDMI2).

5. MAINTENANCE

5.1 Cleaning the Monitor

- Always power off the monitor and unplug it from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Gently wipe the screen and casing. Avoid spraying liquid directly onto the screen or into any openings.
- Do not use alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.

5.2 Storage

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

6. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected, video cable loose/incorrect, incorrect input source.	Ensure power cable is securely connected. Check video cable connections (DP/HDMI) at both monitor and computer. Select correct input source via OSD.
Flickering or distorted image	Loose video cable, incorrect resolution/refresh rate, graphics card driver issues.	Reseat video cable. Check display settings on your computer for correct resolution (2560x1440) and refresh rate (180Hz). Update graphics card drivers.
Dead pixels or stuck pixels	Manufacturing defect.	While some pixel anomalies are within manufacturing tolerances, if persistent or numerous, contact customer support.
Local Dimming artifacts (haloing/blooming)	Nature of Mini-LED local dimming with lower zone count than pixels.	Adjust Local Dimming setting in OSD (e.g., to 'Low' or 'Off') if distracting, especially with static content or text.

Problem	Possible Cause	Solution
Monitor not detected by computer	Cable issue, computer port issue, monitor power issue.	Try a different cable or port on your computer. Ensure monitor is powered on. Restart computer.

If the issue persists after trying these steps, please refer to the Warranty and Support section.

7. SPECIFICATIONS

Feature	Detail
Model Number	P27QBA-RGPGL
Screen Size	27 Inches
Panel Type	Fast IPS with Mini-LED backlight
Resolution	2560 x 1440 (QHD Wide 1440p)
Refresh Rate	180Hz
Response Time	1ms GtG
HDR Support	VESA DisplayHDR 1000
Brightness	1000 nits (peak)
Color Gamut	99% DCI-P3
Local Dimming Zones	1152
Adaptive Sync	Supported (AMD FreeSync compatible)
Connectivity	2x DisplayPort 1.4, 2x HDMI 2.0, 1x Audio Out (3.5mm), 1x DC Jack
Dimensions (W x H x D)	24.15 x 20.73 x 6.67 inches (approx.)
Item Weight	15 pounds

8. WARRANTY AND SUPPORT

Warranty information for your Xiaomi Mini-LED Gaming Monitor G Pro 27i is typically provided with the product packaging or can be found on the official Xiaomi website. Please retain your proof of purchase for warranty claims.

For technical support, driver downloads, or further assistance, please visit the official Xiaomi support website or contact their customer service.

Online Resources:

- [Xiaomi Official Store on Amazon](#)
- Refer to the official Xiaomi global website for product support and contact information.

