

## Xiaomi P27FBA-RAGL

# Xiaomi A27i 27-inch Monitor User Manual

Model: P27FBA-RAGL | Brand: Xiaomi

## 1. INTRODUCTION

The Xiaomi A27i 27-inch monitor (Model: P27FBA-RAGL) is designed to provide a clear and natural viewing experience with its Full HD (1920 × 1080) IPS hard screen. Featuring a 100Hz high refresh rate and a 7.5mm ultra-slim body with narrow bezels on three sides, it enhances both work efficiency and daily entertainment. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Monitor ×1
- Base ×1
- Bracket ×1
- HDMI cable ×1
- Screwdriver ×1
- Screws ×2
- Power adapter ×1
- User manual ×1
- Warranty card ×1

## 3. SETUP GUIDE

### 3.1 Physical Assembly

1. **Assemble the Stand:** Attach the bracket to the base using the provided screws and screwdriver. Ensure

it is securely fastened.

2. **Attach Stand to Monitor:** Carefully align the assembled stand with the mounting slot on the back of the monitor. Gently push until it clicks into place.
3. **Connect Power:** Plug the power adapter into the DC IN port on the monitor and then into a power outlet.
4. **Connect Video Cable:** Connect one end of the HDMI cable (or DisplayPort cable, if using) to the corresponding port on the monitor and the other end to your computer's video output port.



Figure 3.1: Rear view of the Xiaomi A27i monitor with input ports.

### 3.2 Initial Configuration

After connecting your monitor, power on your computer. The monitor should automatically detect the signal. If not, you may need to adjust display settings on your computer:

- **Windows:** Right-click on the desktop, select 'Display settings'. Under 'Multiple displays', choose 'Extend these displays' or 'Duplicate these displays' as needed.
- **macOS:** Go to System Settings > Displays.

## 4. OPERATING INSTRUCTIONS

The Xiaomi A27i monitor features an intuitive On-Screen Display (OSD) menu for adjusting various settings. The control button is located on the back of the monitor, typically near the power input.

### 4.1 OSD Menu Navigation

Button Operation	Function
Short press to right	Enter the main menu (when no menu displayed) / Enter/Select (when main menu displayed)
Short press to up/down	Open brightness settings / Switch Menu adjusting values
Short press to left	Open signal source switching list / Return
Short press the middle	Turn the monitor on / Open the shortcut menu / Enter/Select
Press and hold for 3 seconds	Shutdown

### 4.2 Key Settings

- **Picture Mode:** Select from various preset modes (e.g., Standard, Movie, Energy Saver) or customize your own.
- **Brightness & Contrast:** Adjust these to your preferred levels for optimal viewing.
- **Color Temperature:** Choose between Warm, Cool, or Custom settings to fine-tune the color balance.
- **HDR:** Enable or disable High Dynamic Range for enhanced contrast and color.
- **Input:** Manually select the input source (HDMI or DP) if auto-detection fails.
- **Refresh Rate:** Ensure your computer's display settings match the monitor's 100Hz refresh rate for the smoothest experience.

## 5. PRODUCT FEATURES

The Xiaomi A27i monitor is equipped with several advanced features to enhance your visual experience:

- **FHD Resolution: Clear and Natural Picture Quality**  
The IPS hard screen with a 178° visual angle and 1920 × 1080 resolution ensures high-definition picture quality and a vivid viewing experience, whether you're viewing tables and documents, or watching videos.



## FHD resolution Clear and natural picture quality

The IPS hard screen with a 178° visual angle and 1920 × 1080 resolution ensures high-definition picture quality and a vivid viewing experience, whether you're viewing tables and documents, or watching videos.

**1920 × 1080**  
Resolution

**178°**  
Wide viewing  
angle

**HDR10\***  
Richer contrast  
and more details



Figure 5.1: FHD Resolution and Wide Viewing Angle.

- **16.7 Million Colors for Vivid and Natural Images**

16.7 million colors, up to 8-bit\* high color depth, and a 99% sRGB color gamut, create high-quality vivid pictures, and more natural and bright photographs and videos.



# Xiaomi Monitor A27i

1080p resolution  
100Hz high refresh rate |  $\Delta E < 2$



Figure 5.2: Rich Color Depth and sRGB Gamut.

- **$\Delta E < 2^*$  Screen Calibration: Accurately Restore True Colors**

Every Xiaomi Monitor A27i has been strictly inspected for correct color calibration before leaving the factory, effectively reducing display color issues. A professional display for those with professional demands!

# Narrow bezels on three sides

## Increase immersion with multiple monitors

The unique narrow bezel design on three sides greatly improves viewing angles and offers an enhanced, more immersive experience. When multiple displays are used together, the viewing experience is even more impressive.



Figure 5.3: Factory Color Calibration for Accuracy.

- **100Hz High Refresh Rate: Ultra-Smooth Working Experience**

With a refresh rate of up to 100Hz, it can effectively reduce lag and freezing when browsing web pages and tables, not only improving working efficiency but also providing a better dynamic picture display for daily entertainment. Say goodbye to ghosting and lagging, and get more enjoyment from your work and entertainment.



# Upgraded ports Higher efficiency

Multiple built-in ports, including the newly upgraded HDMI 2.0 port and DisplayPort 1.4 port, allow you to meet a variety of external needs. Faster and more stable display signal transmission helps to improve office efficiency!



Figure 5.4: High Refresh Rate for Smooth Visuals.

- **Comfortable Low Blue Light: Clear and Protect Your Eyes**

With TÜV Low Blue Light Certification, the low blue light mode can filter short-wave blue light, ensuring comfort even after working long hours. DC dimming can effectively reduce display flicker to protect your eyes even more.

- **Ultra-Slim Body and Narrow Bezels**

The 7.5mm ultra-slim body and unique narrow bezel design on three sides greatly improve viewing angles and offer an enhanced, more immersive experience. When multiple displays are used together, the viewing experience is even more impressive.

# $\Delta E < 2^*$ screen calibration

## Accurately restore true colors

Every Xiaomi Monitor A27i has been strictly inspected for correct color calibration before leaving the factory, effectively reducing display color issues. A professional display for those with professional demands!



Figure 5.5: Narrow Bezels for Increased Immersion.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Xiaomi A27i monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth specifically designed for electronics. For stubborn smudges, lightly dampen the cloth with water or a screen-cleaning solution. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Wipe the monitor's casing with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents as they can damage the finish.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures.



## 7. TROUBLESHOOTING

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

Issue	Possible Cause	Solutions
Unable to turn on	No power	Make sure the power adapter is plugged in properly.
Image is dark	Brightness/Contrast not adjusted properly	Adjust the brightness and contrast.
Image is jittery or has ripples	Interference	Keep the monitor away from electronic devices that may cause electrical interference.
No image on the screen	No signal, entering sleep mode	Turn on the computer. Make sure the computer's graphics card is working properly. Make sure the cable is plugged in properly.
The monitor displays that the current resolution is not supported	Resolution is incorrect	Use the specified recommended resolution settings.

## 8. SPECIFICATIONS

Feature	Specification
Product Model	P27FBA-RAGL
Power Input	12V 2.0A
Rated Power	24W
Screen Size	27 inches
Viewing Angle	178° (H) / 178° (V)
Brightness	250 nits (typ)
Contrast Ratio	1000:1
Color Depth	16.7M
Aspect Ratio	16:9
Resolution	1920 × 1080 (FHD)
Panel Refresh Rate (max.)	100Hz
G to G Response Time	6ms (typ)
Dimensions (including base)	612.3 (L) × 170 (W) × 451.7 (H) mm

Feature	Specification
Weight (including base)	3.6kg
Wall Mount Size	VESA 75mm × 75mm
Tilt (angle)	-5° ± 2 ~+ 15° ± 2
DP Port	×1
HDMI 2.0 Port	×1
DC IN Cable Port	×1

## 9. WARRANTY AND SUPPORT

For warranty information and support, please refer to the Warranty Card included in your package. You can also visit the official Xiaomi website or contact their customer service for further assistance.

**Official Xiaomi Website:** [www.mi.com](http://www.mi.com)