

Acer CB242Y G

Acer CB242Y G Monitor User Manual

Model: CB242Y G | Brand: Acer

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Acer CB242Y G monitor. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

The Acer CB242Y G is a 23.8-inch Full HD (1920 x 1080) IPS monitor designed for a clear and vibrant viewing experience. It features a frameless design, a high refresh rate of up to 120Hz via HDMI/DisplayPort, and 75Hz via VGA, with a rapid 1ms Visual Response Boost (VRB) or 4ms Gray-to-Gray (GTG) response time. The monitor also includes Adaptive Sync technology for smooth visuals and an adjustable stand for ergonomic comfort.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the monitor and ensure personal safety:

- Place the monitor on a stable, level surface.
- Do not block ventilation openings.
- Use only the power adapter and cables provided by Acer.
- Keep the monitor away from water, moisture, and extreme temperatures.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.
- Disconnect the power cable from the outlet before cleaning.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Acer CB242Y G Monitor
- Monitor Stand (Base and Neck)

- Power Cable
- HDMI Cable
- User Manual (this document)

4. SETUP

4.1 Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place or is fastened with screws if applicable (refer to specific model instructions for screw details).
3. Attach the stand base to the stand neck. Tighten the thumb screw or screws at the bottom of the base to secure it.
4. Place the assembled monitor on a stable, flat surface.



Figure 1: Assembled Acer CB242Y G Monitor. This image shows the monitor from an angled front perspective, highlighting its frameless design and the sturdy stand.

4.2 Connecting Cables

Connect the necessary cables to the monitor and your computer:

- **Power Cable:** Connect one end of the power cable to the monitor's power input and the other end to a power outlet.
- **Video Cable:**
 - **HDMI:** Connect the provided HDMI cable from your computer's HDMI output to the monitor's HDMI input.
 - **VGA:** If using VGA, connect a VGA cable from your computer's VGA output to the monitor's VGA input.
 - **DisplayPort (DP):** If using DisplayPort, connect a DisplayPort cable from your computer's DP output to the monitor's DP input. (Note: DP cable not included, but supported by monitor).



Figure 2: Rear view of the monitor. This image displays the back of the monitor, clearly showing the various input ports including HDMI and VGA, and the power input.

4.3 VESA Wall Mounting

The monitor supports VESA 100 x 100 mm mounting. To mount the monitor on a wall or an alternative stand:

1. Remove the stand neck from the monitor panel.
2. Attach the VESA-compatible wall mount or arm to the four screw holes on the back of the monitor.
3. Ensure the mounting screws are of appropriate length and type to avoid damaging internal components.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is on.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons (usually located on the back or bottom right of the monitor) to navigate the menu.

- Press a control button to activate the OSD menu.
- Use the navigation buttons (up/down/left/right) to move through menu options.
- Press the select button to enter a sub-menu or confirm a selection.
- Press the exit button to go back or close the OSD menu.

5.3 Adjusting Display Settings

Key settings you can adjust via the OSD menu include:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Input Source:** Manually select between HDMI, VGA, or DisplayPort inputs.
- **Refresh Rate:** The monitor automatically detects the optimal refresh rate. Ensure your graphics card settings are configured correctly to utilize the maximum 120Hz (HDMI/DP) or 75Hz (VGA).
- **Adaptive Sync:** Enable or disable Adaptive Sync to synchronize the monitor's refresh rate with your graphics card's frame rate, reducing screen tearing and stuttering. This feature is a VESA open standard.
- **Blue Light Filter:** Activate this feature to reduce blue light emissions, which can help reduce eye strain during prolonged use.

5.4 Ergonomic Adjustments

The monitor stand allows for various ergonomic adjustments:

- **Height Adjustment:** Raise or lower the monitor to achieve an optimal viewing height.
- **Tilt:** Adjust the screen's vertical angle (forward/backward) for comfortable viewing.
- **Swivel:** Rotate the monitor horizontally on its base.
- **Pivot:** Rotate the screen 90 degrees to switch between landscape and portrait orientation.



Figure 3: Side view of the monitor. This image illustrates the monitor's profile, demonstrating its slim design and the range of motion for height and tilt adjustments.

6. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly 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 strong detergents or abrasive cleaners.
- **Ventilation:** Ensure the ventilation openings on the monitor are not obstructed to prevent overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or if it will be unused for an extended period.

7. TROUBLESHOOTING

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

Problem	Possible Solution
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Problem	Possible Solution
No image on screen	Ensure the power cable is securely connected to the monitor and a working power outlet. Check if the monitor is turned on. Verify the video cable (HDMI, VGA, DP) is securely connected to both the monitor and the computer. Press the input source button on the monitor to select the correct input. Test with a different video cable or another computer if possible.
Image is blurry or distorted	Ensure the display resolution on your computer is set to 1920 x 1080. Check the video cable for damage or loose connections. Adjust the monitor's OSD settings (e.g., sharpness, phase, clock).
Screen tearing or stuttering	Ensure Adaptive Sync is enabled in the monitor's OSD menu and your graphics card settings. Verify your graphics card drivers are up to date.
Monitor not detected by computer	Restart your computer with the monitor connected and powered on. Check the video cable connection. Update your graphics card drivers.

8. SPECIFICATIONS

Model Name	CB242Y G
Screen Size	23.8 inches (60 cm)
Panel Type	IPS with LED backlight
Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Refresh Rate	120 Hz (HDMI/DP), 75 Hz (VGA)
Response Time	1 ms (VRB), 4 ms (GTG)
Contrast Ratio	2000:1
Surface Treatment	Matte
Connectivity	HDMI 1.4, VGA, DisplayPort
Special Features	Adaptive Sync, Blue Light Filter, Height Adjustment, Pivot, Swivel, Tilt
VESA Mount Compatibility	100 x 100 mm
Power Consumption (SDR)	9.0 W

Energy Efficiency Class (SDR)	B
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Figure 4: Energy label for the Acer CB242Y G monitor, showing its energy efficiency class B and power consumption of 9 kWh/1000h.

For detailed product information, refer to the [EPREL product database](#).

9. WARRANTY AND SUPPORT

Acer provides comprehensive support for its products. For the Acer CB242Y G monitor, the following support terms apply:

- **Minimum Guaranteed Product Support:** 7 years
- **Minimum Availability of Spare Parts:** 7 years
- **Software and Firmware Updates:** Minimum 8 years

For technical assistance, warranty claims, or further inquiries, please visit the official Acer support website or contact your local Acer service center. Contact information can typically be found on the Acer website or in your product's packaging.

