

## ASUS XG34WCDMTG

# ASUS ROG Strix XG34WCDMTG 34-inch OLED Curved Ultrawide Gaming Monitor User Manual

Model: XG34WCDMTG

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## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, and maintaining your ASUS ROG Strix XG34WCDMTG 34-inch OLED Curved Ultrawide Gaming Monitor. The ROG Strix OLED XG34WCDMTG is a 34-inch, 240Hz ultra-wide QD-OLED gaming monitor designed for immersive gaming and entertainment. It features a Neo Proximity Sensor within the ROG OLED Care Pro suite to prevent burn-in by transitioning to a black screen when no user is detected. Additionally, the monitor integrates Google TV, offering direct access to a wide range of streaming applications, movies, and shows without requiring external devices.



Figure 1.1: ASUS ROG Strix XG34WCDMTG Monitor Front View

## 2. WHAT'S IN THE BOX

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Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, contact your retailer immediately.

- XG34WCDMTG Monitor
- Remote Controller (with 2x AAA Batteries)
- DisplayPort Cable
- HDMI Cable
- Power Cord
- USB-C Cable
- Microfiber Cloth
- VESA Mount Kit
- ROG Pouch
- Quick Start Guide

- Warranty Card

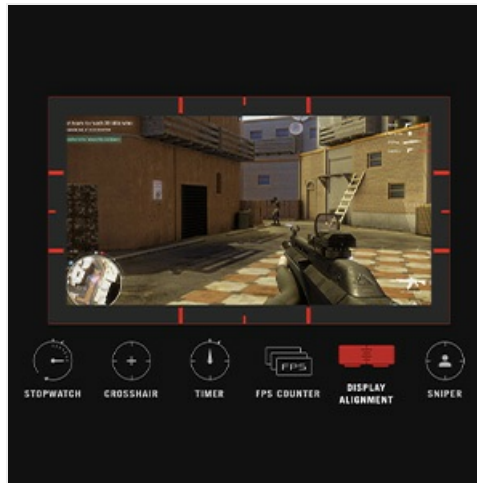


Figure 2.1: Included Accessories

## 3. SETUP

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### 3.1 Assembling the Stand

1. Place the monitor panel face down on a soft, clean surface to prevent scratches.
2. Attach the stand base to the stand neck, securing it with the provided screw.
3. Attach the assembled stand to the back of the monitor panel until it clicks into place.

### 3.2 Connecting Cables

Connect the necessary cables to the monitor's rear ports. Ensure all connections are secure.

- **Power Cable:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Input:** Connect either the DisplayPort cable to a DisplayPort 1.4 port on your computer or an HDMI cable to one of the two HDMI 2.1 ports on your computer/device.
- **USB-C:** For compatible devices, connect the USB-C cable for video, data, and 90W power delivery.
- **USB Hub:** Connect the USB upstream cable (if applicable) to enable the monitor's USB hub for peripherals.

# Advanced custom heatsink, graphene film and more OLED protection settings

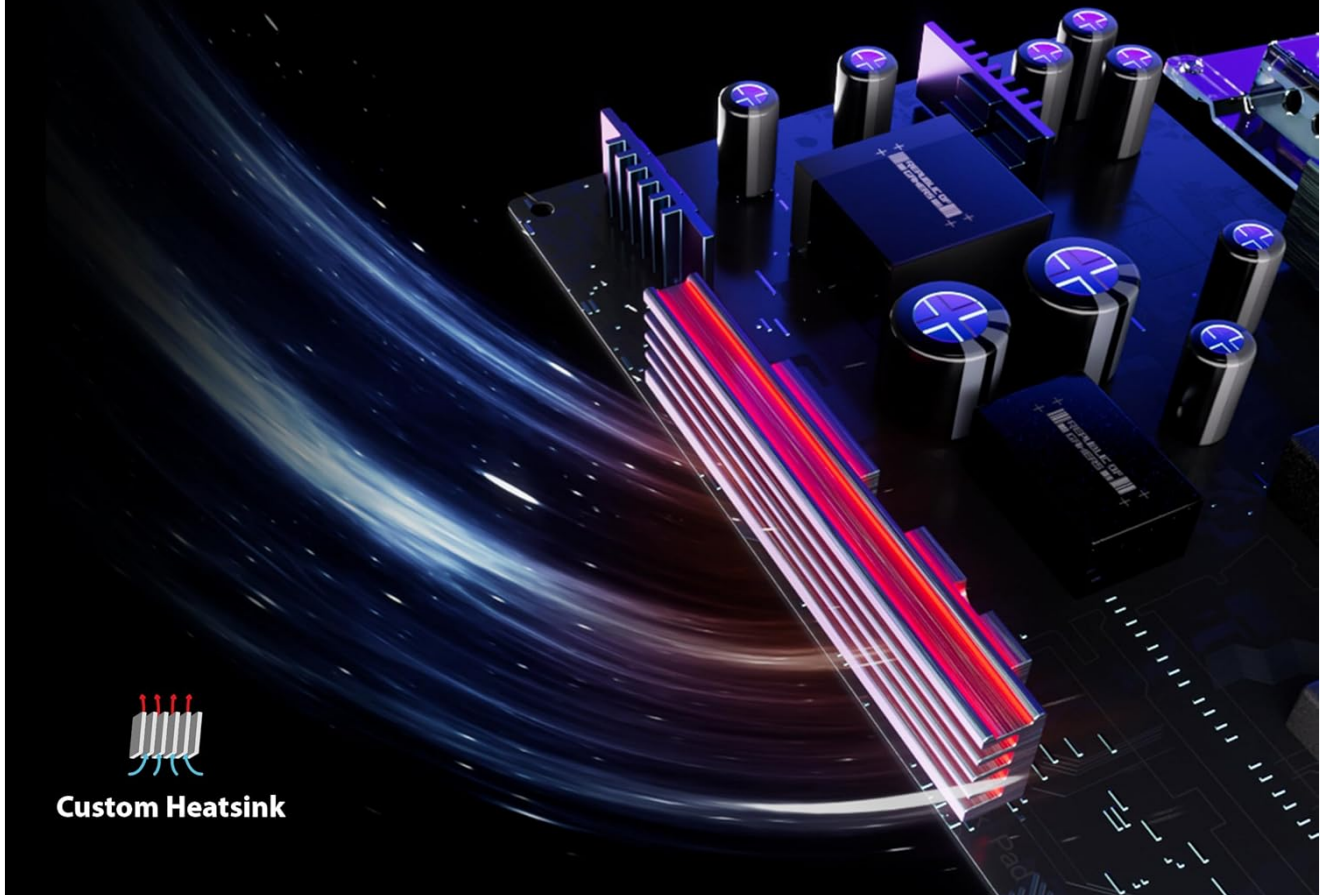


Figure 3.1: Monitor Connectivity Ports

## 3.3 Initial Power On

Press the power button on the monitor or use the remote control to turn on the display. Follow any on-screen prompts for initial setup, including network connection for Google TV features.

## 4. OPERATING INSTRUCTIONS

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### 4.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the joystick or buttons on the monitor's rear/bottom edge, or the included remote control, to navigate the menu.

- **Gaming:** Adjust refresh rate, response time, FreeSync/G-SYNC compatibility, and gaming-specific enhancements like GamePlus (crosshair, timer, FPS counter).
- **Image:** Control brightness, contrast, color temperature, and HDR settings.
- **Input Select:** Switch between DisplayPort, HDMI 1, HDMI 2, and USB-C inputs.
- **System Setup:** General settings including language, OSD timeout, and power-saving options.

## 4.2 Google TV Functionality

The integrated Google TV provides a smart TV experience. Use the remote control to navigate the Google TV interface.

- **Home Screen:** Access recommended content, installed apps, and settings.
- **Streaming Apps:** Download and use popular streaming services like Netflix, Disney+, HBO Max, and YouTube.
- **Voice Control:** Utilize Google Assistant via the remote control for hands-free operation and content search.
- **NVIDIA GeForce NOW:** Access cloud gaming directly through the pre-installed NVIDIA GeForce NOW app.

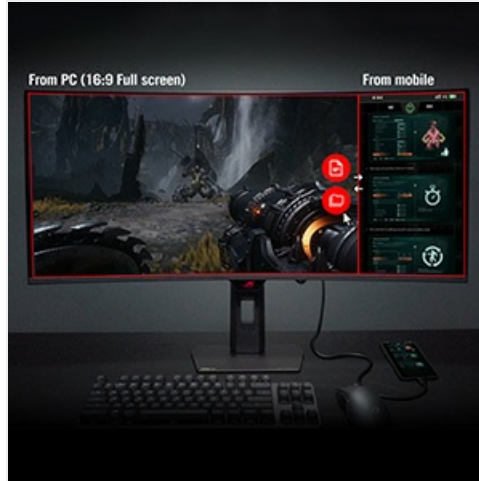


Figure 4.1: Google TV Interface

## 4.3 MultiScreen Feature

The MultiScreen feature allows seamless cross-platform entertainment and control of multiple devices using a single keyboard and mouse. Refer to the monitor's OSD menu for specific MultiScreen configuration options.

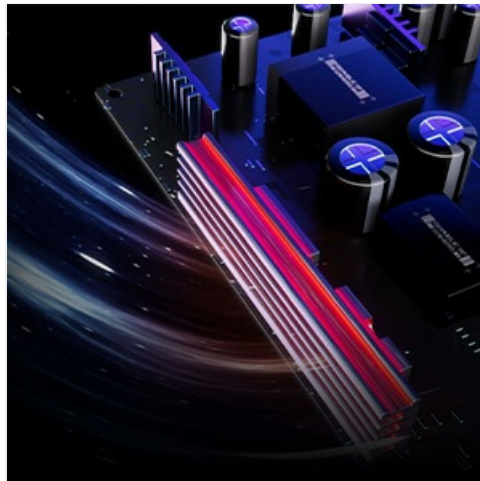


Figure 4.2: MultiScreen Functionality

## 5. KEY FEATURES

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The ASUS ROG Strix XG34WCDMTG monitor incorporates several advanced technologies for an enhanced user experience.



Figure 5.1: Monitor Highlighted Features

## 5.1 QD-OLED Display Technology

Experience vibrant colors, true blacks, and exceptional contrast with the 34-inch WQHD (3440x1440) QD-OLED curved screen. The 1800R curvature provides an immersive viewing experience, drawing you into the content.

QD-OLED TECHNOLOGY			
1800R CURVATURE IMMERSIVE GAMING	99% DCI-P3 TRUE 10 BIT	EXTREME LOW MOTION BLUR INCREDIBLE MOTION CLARITY	
34-INCH 3440X1440	240Hz	0.03 ms response time	
CUSTOM HEATSINK	ASUS OLED CARE PRO	NEO PROXIMITY SENSOR	
Google TV	DELTA E < 2	ADJUSTABLE HDR	VESA CERTIFIED DisplayHDR 400
UNIFORM BRIGHTNESS	MultiScreen	3-YEAR COVERAGE	TYPE-C Power Delivery 90W

Figure 5.2: 1800R Curved Display

## 5.2 High Refresh Rate and Response Time

With a 240Hz refresh rate and an ultra-fast 0.03ms response time, the monitor delivers smooth, tear-free visuals, crucial for

fast-paced gaming. It supports both AMD FreeSync Premium Pro and G-SYNC Compatible technologies for adaptive synchronization.

### 5.3 OLED Care Pro with Neo Proximity Sensor

The ROG OLED Care Pro suite includes features designed to protect the OLED panel from burn-in. The Neo Proximity Sensor automatically detects user presence and can transition the screen to black when no user is detected, extending the panel's lifespan. Other features include Pixel Cleaning, Pixel Move, Screen Save, Boundary Detection, Taskbar Detection, Outer Dimming Detection, and Global Dimming Detection.

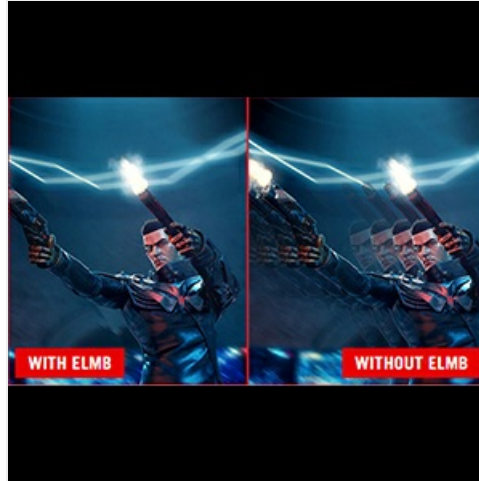


Figure 5.3: OLED Care Pro Features

### 5.4 Advanced Cooling Solution

The monitor features an advanced custom heatsink and graphene film to efficiently dissipate heat, ensuring stable performance and contributing to the longevity of the OLED panel.



Figure 5.4: Custom Heatsink Design

### 5.5 Uniform Brightness

The Uniform Brightness setting helps maintain consistent brightness levels across the entire screen, improving viewing comfort and accuracy, especially for tasks requiring precise color and luminance.



Figure 5.5: Uniform Brightness Comparison

## 5.6 Audio and HDR

Enjoy stunning HDR visuals with VESA DisplayHDR 400 True Black certification and 99% DCI-P3 color gamut. The monitor also features built-in 5W x2 speakers with Dolby Vision and Dolby Atmos support for immersive cinematic sound.

## 5.7 Eye Care Features

The monitor incorporates eye care technologies to reduce eye strain during prolonged use. These include a Blue Light Filter, Flicker-Free technology, and an Anti-glare Screen. The ergonomic design allows for tilt, swivel, and height adjustments to find the most comfortable viewing position.

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Video 5.1: ASUS Eye Care Monitor Features. This video demonstrates general eye care features such as anti-glare screens, blue light filters, flicker-free technology, and ergonomic design, which are also present in the XG34WCDMTG monitor.

# 6. MAINTENANCE

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## 6.1 Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth (like the included microfiber cloth) to gently wipe the screen and exterior surfaces.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- Avoid using alcohol, ammonia, or abrasive cleaners, as these can damage the screen coating.

## 6.2 OLED Care Pro Maintenance

The OLED Care Pro features are designed to automatically maintain the panel. Ensure the monitor is powered off or in standby mode regularly to allow features like Pixel Cleaning to run. The Neo Proximity Sensor will help prevent burn-in by turning off the display when you step away.

# 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on screen	Power cable disconnected, video cable loose, incorrect input selected.	Check power and video cable connections. Ensure the correct input source is selected via the OSD menu or remote.
Image is blurry or distorted	Incorrect resolution, faulty video cable.	Set the display resolution to 3440x1440. Try a different video cable.
No sound from speakers	Volume too low, audio output not set to monitor, faulty audio cable (if external).	Increase monitor volume. Ensure the audio output on your device is set to the monitor.
Google TV not connecting to Wi-Fi	Incorrect Wi-Fi password, router issues, signal interference.	Verify Wi-Fi password. Restart your router. Move the monitor closer to the router or reduce interference.
Burn-in concerns	Static images displayed for extended periods.	Utilize OLED Care Pro features (Pixel Cleaning, Screen Save, Neo Proximity Sensor). Avoid displaying static images for very long durations.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	ASUS
Model Number	XG34WCDMTG
Screen Size	34 Inches
Display Type	QD-OLED
Resolution	3440 x 1440 (WQHD Ultrawide)
Aspect Ratio	21:9
Curvature	1800R
Refresh Rate	240 Hz
Response Time	0.03 Milliseconds (GtG)
Brightness	1000 Candela per Square Meter (Peak)
Contrast Ratio	1,500,000:1
Color Gamut	99% DCI-P3
HDR Support	VESA DisplayHDR 400 True Black, Dolby Vision
Adaptive Sync	AMD FreeSync Premium Pro, G-Sync Compatible
Connectivity	DisplayPort 1.4, HDMI 2.1 x2, USB-C (90W PD), USB Hub
Audio	5W x2 Speakers (Dolby Atmos), Earphone Jack
Smart Features	Google TV (Android 14), WiFi 6, NVIDIA GeForce NOW
Ergonomics	Tilt (+20° ~ -5°), Swivel (+25° ~ -25°), Height Adjustment (0~110mm)
Dimensions (D x W x H)	4.6"D x 31.9"W x 21.5"H
Weight	19.4 Pounds
Power Consumption	41.5 Watts

## 9. WARRANTY AND SUPPORT

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### 9.1 Product Warranty

This ASUS ROG Strix XG34WCDMTG monitor comes with a **3-Year Limited Warranty**. Please refer to the included Warranty Card for detailed terms and conditions, including coverage specifics and limitations.

### 9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please visit the official ASUS support website or contact ASUS customer service in your region. Keep your purchase receipt and product serial number handy when contacting support.

**Online Support:** [www.asus.com/support/](http://www.asus.com/support/)

