

ASUS VA249HG

ASUS VA249HG Eye Care Monitor User Manual

Model: VA249HG

1. INTRODUCTION

The ASUS VA249HG Eye Care Monitor is designed to provide a superior visual experience with advanced features for both work and entertainment. This 23.8-inch Full HD (1920 x 1080) monitor features an IPS panel for wide viewing angles and vibrant colors. Key technologies include a fast 120Hz refresh rate, 1ms MPRT (Moving Picture Response Time) with Adaptive-Sync to minimize screen tearing, and TÜV Rheinland-certified Flicker-free and Low Blue Light technologies for enhanced eye comfort during extended use.

This manual provides comprehensive instructions for setting up, operating, and maintaining your ASUS VA249HG monitor, ensuring optimal performance and longevity.



Figure 1.1: Front view of the ASUS VA249HG Eye Care Monitor.

2. SAFETY INFORMATION

Please read the following safety instructions carefully before operating your monitor. Failure to comply may result in injury or damage to the device.

- Ensure the monitor is placed on a stable, flat surface to prevent accidental falls.
- Use only the power adapter and cables provided with your monitor.
- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.
- Unplug the monitor from the power outlet before cleaning.

3. PACKAGE CONTENTS

Carefully unpack the box and verify that all items listed below are present and in good condition. If any item is missing or damaged, contact your retailer immediately.

- ASUS VA249HG Monitor
- HDMI Cable
- Power Cord
- Quick Start Guide

What's in the box



VA249HG MONITOR



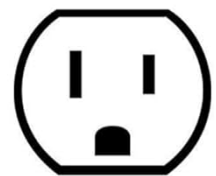
HDMI CABLE



QUICK START GUIDE



WARRANTY CARD



POWER CORD

Figure 3.1: Illustration of items included in the product packaging.

4. SETUP

4.1 Assembling the Monitor Stand

1. Place the monitor panel face down on a soft, clean cloth to prevent scratches.
2. Attach the stand neck to the VESA mount area on the back of the monitor. Ensure it clicks securely into place.
3. Connect the base to the stand neck. Tighten the captive screw at the bottom of the base by hand until secure.



Figure 4.1: Rear view of the monitor with the stand attached, highlighting the cable management clip.

4.2 Connecting the Monitor

The ASUS VA249HG monitor offers HDMI and VGA connectivity. Choose the appropriate cable for your device.

1. **Power Connection:** Connect the power cord to the monitor's power input, then plug the other end into a grounded electrical outlet.
2. **Video Connection:**
 - For HDMI: Connect one end of the HDMI cable to the monitor's HDMI port and the other end to the HDMI output port on your computer or device.
 - For VGA: Connect one end of the VGA cable to the monitor's VGA port and the other end to the VGA output port on your computer or device.
3. **Audio Connection (Optional):** If you wish to use external speakers or headphones, connect them to the monitor's earphone jack.

Extensive Connectivity

100 x 100 mm
VESA Wall Mountable



HDMI



VGA



Earphone
out



Audio in

Figure 4.2: Rear view illustrating the extensive connectivity options including HDMI, VGA, and earphone jack.

After connecting all necessary cables, you can organize them using the integrated cable management feature on the stand.

Hands-free Convenience

Place phone, name cards or any small items, makes your workspace tidier and more organized



Figure 4.3: The monitor's base features a convenient tray for small items, contributing to a tidier workspace.

5. OPERATING THE MONITOR

5.1 Power On/Off

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

5.2 On-Screen Display (OSD) Menu Navigation

The monitor features a 5-way navigation joystick or buttons, typically located on the back or bottom right, to access and navigate the OSD menu. This menu allows you to adjust various display settings.

- Press the joystick/center button to open the OSD menu.
- Move the joystick up/down or use the corresponding buttons to navigate through menu options.
- Move the joystick left/right or use the corresponding buttons to adjust values or enter sub-menus.
- Press the joystick/center button again to confirm a selection or exit a sub-menu.

5.3 Key Features and Settings

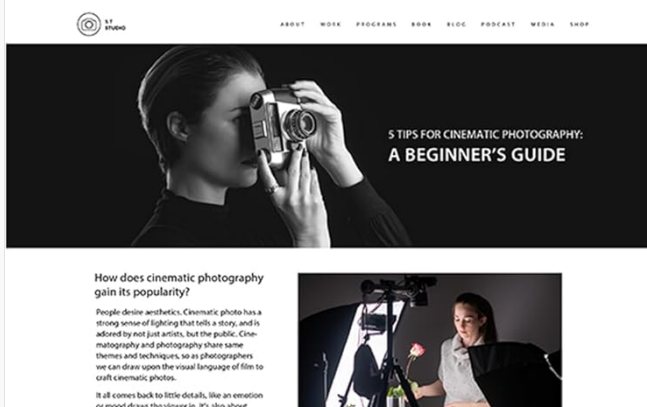
Display Performance (120Hz Refresh Rate, 1ms MPRT, Adaptive-Sync)

The VA249HG monitor supports a 120Hz refresh rate and 1ms MPRT for smooth motion and reduced ghosting, ideal for fast-paced content and casual gaming. Adaptive-Sync technology synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering.

Fluid 120Hz SmoothMotion

giving you more fluid animation in video, casual gaming, and day-to-day work

Text and article scrolling



Casual gaming

Video streaming



Figure 5.1: The 120Hz SmoothMotion feature enhances fluidity for various applications, from video streaming to casual gaming.

Eye Care Technologies (Low Blue Light, Flicker-Free)

ASUS Eye Care monitors incorporate TÜV Rheinland-certified Flicker-free technology to reduce screen flickering and Low Blue Light technology to filter harmful blue light emissions. These features help minimize eye strain and fatigue during prolonged viewing.

Ultra-low Blue Light Filter and Flicker-free Technology



Figure 5.2: Visual representation of the benefits of Ultra-low Blue Light Filter and Flicker-free Technology.

IPS Panel and Wide Viewing Angles

The 23.8-inch IPS panel provides a 178° wide viewing angle, ensuring consistent color and image quality from virtually any perspective.

Viewing Perfection

178° wide viewing angles minimizes color shift

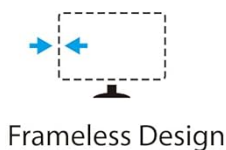


Figure 5.3: The 178° wide viewing angles minimize color shift, ensuring viewing perfection from various positions.

5.4 ASUS DisplayWidget Center

For convenient adjustment of monitor settings directly from your computer, you can utilize the ASUS DisplayWidget Center software. This intuitive interface allows for easy modification of display parameters without needing to use the OSD buttons on the monitor.

6. MAINTENANCE

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

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-ammonia, non-alcohol based screen cleaner. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are clear of dust and obstructions to prevent overheating.
- **Storage:** If storing the monitor for an extended period, disconnect all cables and store it in a cool, dry place, preferably in its original packaging.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your monitor. If the problem persists after trying these solutions, contact ASUS customer support.

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source selected.	Check power and video cable connections. Press the OSD menu button to select the correct input source (HDMI/VGA).
Image is blurry or distorted	Incorrect resolution; Loose video cable.	Ensure your computer's display resolution is set to 1920x1080. Check video cable connection.
No sound from earphone jack	Volume too low; Incorrect audio output selected on computer.	Adjust monitor volume via OSD. Ensure the monitor is selected as the audio output device in your computer's sound settings.
Screen flickering	Interference; Cable issue; Adaptive-Sync setting.	Ensure cables are securely connected. Try a different video cable. Disable/enable Adaptive-Sync in OSD to test.

8. SPECIFICATIONS

Feature	Description
Model	VA249HG
Panel Size	23.8 inches (23.8-inch viewable)
Panel Type	IPS
Resolution	Full HD (1920 x 1080)
Aspect Ratio	16:9
Refresh Rate	120Hz (SmoothMotion)
Response Time	1ms MPRT
Viewing Angle	178° (H)/178° (V)
Color Gamut	99% sRGB
Connectivity	1 x HDMI, 1 x VGA, Earphone Jack
Eye Care Features	Flicker-Free, Low Blue Light (TÜV Rheinland Certified)
VESA Wall Mount	100 x 100 mm
Dimensions (with stand)	54.1 x 19.05 x 40.89 cm (21.3 x 7.5 x 16.1 inches)
Weight (with stand)	3.22 kg (7.1 lbs)

Product Dimensions



Figure 8.1: Detailed product dimensions of the ASUS VA249HG monitor.

9. WARRANTY AND SUPPORT

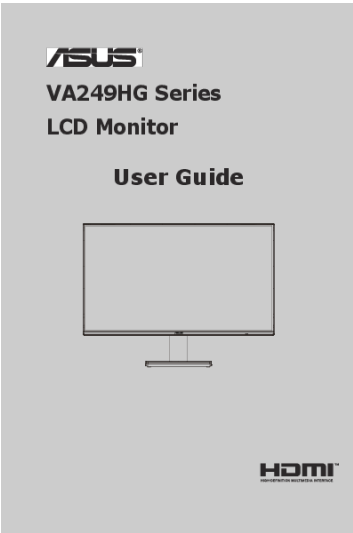
Your ASUS VA249HG Eye Care Monitor comes with a 3-year limited warranty. Please refer to the included Warranty Card for detailed terms and conditions, including coverage, limitations, and service procedures.

For technical support, troubleshooting assistance, or warranty claims, please visit the official ASUS support website or contact their customer service hotline. Keep your purchase receipt and product serial number readily available when seeking support.

ASUS Support Website: www.asus.com/support/

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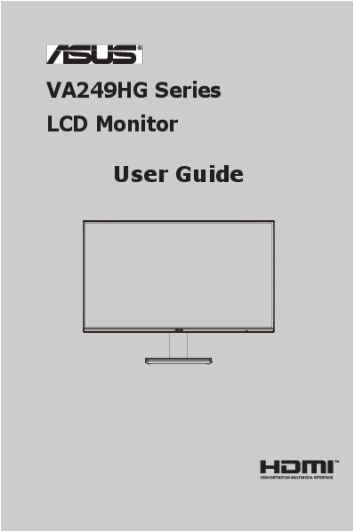
Information in this manual is subject to change without notice.



[ASUS VA249HG Series LCD Monitor User Guide](#)

User guide for the ASUS VA249HG Series LCD Monitor, covering setup, features, troubleshooting, and specifications. Learn how to assemble, connect, and operate your monitor for an enhanced visual experience.

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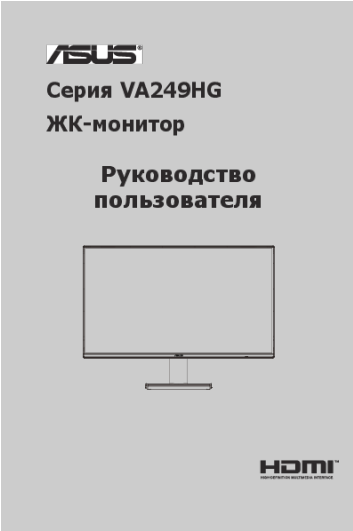
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Серия VA249HG ЖК монитор Руководство пользователя 18 часов назад — Данное оборудование генерирует использует и может распространять электромагнитные волны при нарушении инструкций по установке или эксплуатации ASUS UM Russian model d1cdnets asus pub LCD Monitors
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Product Information Sheet		
COMMISSION DELEGATED REGULATION (EU) 2019/2013 with regard to energy labelling of electronic displays		
Parameter	Parameter or value and precision	Unit
1. Supplier's name or trademark	ASUS	
2. Supplier's address	ASUS Service & Support, ASUS Computer GmbH Harkortstraße 21 - 23 40880 Ratingen Germany	VA249HG
3. Model identifier		
4. Energy Efficiency Class for Standard Dynamic Range (SDR)	C	
5. On mode power demand in SDR	11.7	W
6. Energy Efficiency Class for High Dynamic Range (HDR)	n.a.	
7. On mode power demand in HDR, if implemented	n.a.	W
8. Off mode power demand, if applicable	0.3	W
9. Standby mode power demand, if applicable	0.5	W
10. Networked standby mode power demand, if applicable	n.a.	W
11. Electronic display category	Monitor	
12. Size ratio	16 : 9	
13. Screen resolution	1 920 x 1 080	pixels
14. Screen diagonal	60.5	cm
15. Screen diagonal	24	inches
16. Visible screen area	15.6	dm²
17. Panel technology used	LED LCD	
18. Automatic Brightness Control (ABC) available	No	
19. Voice recognition sensor available	No	
20. Ambient light sensor available	No	
21. Image refresh frequency rate (default)	60	Hz
22. Minimum guaranteed availability of software and firmware updates from the date of end of the placement on the market	8	Years
23. Minimum guaranteed availability of spare parts from the date of end of the placement on the market	7	Years
24. Minimum guaranteed product support	7	Years
25. Minimum duration of the general guarantee offered by the supplier	3	Years
26. Power supply type	Internal	
27. External power supply (non standardized and included in the product box)		
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[pdf] Datasheet Label

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Product Information Sheet COMMISSION DELEGATED REGULATION EU 2019/2013 with regard to energy labe ... Support, ASUS Computer GmbH Harkortstrae 21 - 23 40880 Ratingen Germany 2. Model identifier **VA249HG** 3. Energy Efficiency Class for Standard Dynamic Range C SDR 4. On mode power demand in S...

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VA249HG serie LCD monitor Gebruikshandleiding prieš 2 dienas — 100~240V 50 60Hz 1 5A Stroomverbruik max 15W** Stroomspaarstand 0 5W Uitschakelmodus 3W onder ERP Lot5 Kleur Zwart Kanteling 5° ~ 23° ASUS UM Dutch model dlcdnets asus pub Monitors ||| **VA249HG-serie** LCD-monitor Gebruikshandleiding Inhoudsopgave TCO-gecertificeerd..... iii Opmerkingen..... iv Veiligheidsinforma...

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Serije VA249HG LCD monitor Priročnik za uporabo 18 časov nazad — 100~240V 50 60Hz 1 5A Poraba ob vklopu največja 15W** Način varčevanja z energijo 0 5W izklopa 3 W po Direktivi Evropskega parlamenta Lot5 ASUS UM Slovenian model dlcdnets asus pub Monitors ||| Serije **VA249HG** LCD monitor Prirocnik za uporabo Kazalo Certifikat TCO..... iii Obvestila..... iv Varnostne infor...

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Série VA249HG LCD Monitor Návod na obsluhu 18 часов назад — 100~240V 50 60Hz 1 5A Spotreba pri zapnutí max 15W** Režim úspory energie 0 5 W vypnutia 3 v rámci ERP Lot5 Farby Čierna Naklonenie

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ASUS **VA249HG** 120Hz SmoothMotion Eye Care Gaming Monitor Key Features

Frameless, edge-to-edge design suitable for multiple setup Eliminate ghosting, allowing you to smoothly viewing experience ASUS DisplayWidget Center lets users easily change monitor settings via an intuitive interface IPS technolo...

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Product Information Sheet			
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[\[pdf\]](#) User Manual

Dòng VA249HG Màn hình LCD Sổ Hướng Dẫn Sử Dụng ASUS Ánh sáng xanh năng lượng cao có thể dẫn đến hiện tượng mỏi mắt và AMD Thoái hóa điểm vàng do tuổi tác dụng bộ lọc ánh để giảm 70% tối đa ánh UM Vietnamese model dlcdnets asus pub Monitors |||

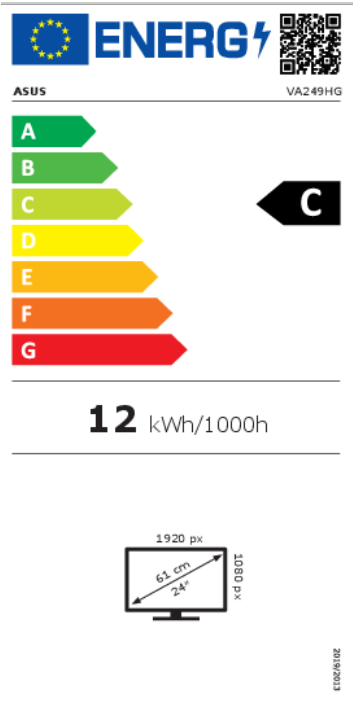
Dng **VA249HG** Mn hnh LCD S Hng Dn S Dng Mc lc c chc nhn

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[\[pdf\]](#) Label

ASUS VA249HG computer monitor EU Energy Label 70 KB 90LM02W0 B01171 mmo 129188041 1741341650 6974 3259718 objects icecat biz |||

ASUS **VA249HG** 12 kWh/1000h 1080 px 1920 px 61 cm 24 ...

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ASUS

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Eye Care VA249HG



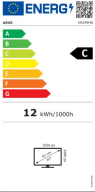
EAN 4711387795163

Produkt Nummer 90LM02W0-B01171

- 23.8-Zoll Full HD (1920x1080) rahmenloses Design mit IPS-Panel mit 178° weitem Betrachtungswinkel
- SmoothMotion 120Hz Bildwiederholrate und 1ms MPRT liefern ein nahtloses visuelles Erlebnis ohne Tearing durch die Aktivierung von VRR (variable Bildwiederholrate)
- Umfangreiche Anschlussmöglichkeiten mit HDMI und VGA sowie Kopfhöreranschluss
- VESA-Wandhalterung: ein Platz auf dem Schreibtisch zu sparen
- Mit dem ASUS DisplayWidget Center können Benutzer die Monitorseinstellungen über eine intuitive Oberfläche leicht ändern

ENERGY STAR

12 kWh/1000h



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[pdf] User Manual

Eye Care VA249HG I1135119 littlebit ch media productattach I 1 |||

Eye Care **VA249HG** EAN 4711387795163 Produkt Nummer 90LM02W0-B01171

23.8-Zoll Full HD 19201080 rahmenloses Design mit IPS-Panel mit 178 weitem Betrachtungswinkel SmoothMotion 120Hz Bildwiederholrate und 1ms MPRT liefern ein nahtloses visuelles Erlebnis ohne Tearing durch die Aktivierung von VRR var... lang:de score:26 filesize: 346.67 K page_count: 1 document date: 2025-03-06

Product Information Sheet			
COMMISSION DELEGATED REGULATION (EU) 2019/2013 with regard to energy labelling of electronic displays			
Parameter	Parameter or value and precision		Unit
1. Supplier's name or trademark	ASUS		
2. Supplier's address	ASUS Service & Support, ASUS Computer GmbH Harkortstraße 21 - 23 40880 Ratingen Germany		
3. Model identifier	VA249HG		
4. Energy Efficiency Class for Standard Dynamic Range (SDR)	C		
5. On mode power demand in SDR	11.7		W
6. On mode power demand in HDR, if implemented	n.a.		W
7. Off mode power demand, if applicable	0.3		W
8. Standby mode power demand, if applicable	0.5		W
9. Networked standby mode power demand, if applicable	n.a.		W
10. Electronic display category	Monitor		
11. Size ratio	16	:	9
12. Screen resolution	1920	x	1080 pixels
13. Screen diagonal	60.5		cm
14. Screen diagonal	24		inches
15. Visible screen area	19.6		dm²
16. Panel technology used	LED LCD		
17. Automatic Brightness Control (ABC) available	No		
18. Voice recognition sensor available	No		
19. Face presence sensor available	No		
20. Image refresh frequency rate (default)	60		Hz
21. Minimum guaranteed availability of software and firmware updates from the date of end of the placement on the market	5		Years
22. Minimum guaranteed availability of spare parts from the date of end of the placement on the market	7		Years
23. Minimum guaranteed product support	7		Years
24. Power supply type	Internal		
25. External power supply (non standardized and included in the product box)	-		
Page 1 / 2			

[pdf] Label

Product Information Sheet 5 дней назад — Electronic display category Monitor 11 Size ratio 16 9 12

Screen resolution 1 920 x 080 pixels 13 diagonal e0b0d22daec692295ffb36ae149ec2417ad5 gzhls at blob ldb e 6 a |||

Product Information Sheet COMMISSION DELEGATED REGULATION EU

2019/2013 with regard to energy labe ... Support, ASUS Computer GmbH

Harkortstrae 21 - 23 40880 Ratingen Germany 2. Model identifier **VA249HG** 3. Energy Efficiency Class for Standard Dynamic Range C SDR 4. On mode power demand in S...

lang:en score:16 filesize: 94.06 K page_count: 2 document date: 2025-03-07