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› **ASUS Eye Care 23.8" 1080P Gaming Monitor (VY249HF-W) – Full HD, IPS, 100Hz, IPS, SmoothMotion, 1ms, Adaptive Sync, Eye Care Plus Technology, Blue Light Filter, Flicker Free, 3 yr Warranty 24" IPS 100Hz Eye Care Plus (White)**

ASUS VY249HF-W

ASUS Eye Care 23.8" 1080P Gaming Monitor (VY249HF-W) User Manual

Model: VY249HF-W

INTRODUCTION

The ASUS VY249HF-W Eye Care Gaming monitor is engineered with user well-being as a priority. It incorporates ASUS Eye Care Plus technology, a unique long-lasting antibacterial treatment on the monitor's bezels and hotkeys, and an advanced IPS Full HD panel for superior visual quality. This monitor is suitable for various applications, including eLearning, professional work, and entertainment, offering consistently smooth visuals thanks to its 100 Hz refresh rate and Adaptive-Sync technology.

1. SETUP

1.1 Unpacking the Monitor

Carefully remove all components from the packaging. Ensure all items listed in the "What's in the Box" section are present.

Figure 1: Front view of the ASUS VY249HF-W Eye Care Gaming Monitor.

1.2 What's in the Box

The following items are included with your ASUS VY249HF-W monitor:

- VY249HF-W Monitor
- HDMI cable
- L-shape Screwdriver
- Power Cord
- Warranty card

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Figure 2: Included accessories and monitor in the box.

1.3 Assembling the Stand

Attach the monitor stand to the back of the monitor using the provided L-shape screwdriver. Ensure it is securely fastened to prevent wobbling.

Figure 3: Rear view of the monitor with stand attached.

1.4 Connecting the Monitor

Connect the HDMI cable from your computer's graphics card to the HDMI input port on the monitor. Then, connect the power cord to the monitor and a power outlet.

2. OPERATING THE MONITOR

2.1 Power On/Off

Press the power button located on the bottom right of the monitor bezel to turn the monitor on or off.

2.2 Key Features and Technologies

- **23.8" FHD IPS Panel with 100Hz Refresh Rate:** Provides smooth video viewing and casual gameplay.
- **SmoothMotion Technology:** Up to 100Hz refresh rate and 1ms MPRT (Moving Picture Response Time) eliminate tracing and ensure crisp and clear video playback and daily usage.
- **Adaptive Sync:** Delivers fluid, artifact-free visuals at any frame rate, reducing screen tearing and choppiness.
- **Eye Care Plus Technology:** Includes features designed to protect your eyes during extended use.

Viewing Perfection

Figure 4: The IPS panel offers wide 178-degree viewing angles for consistent color and clarity.

Fluid viewing experience with 100Hz Smooth Motion

Eliminate screen tearing and choppy frame rates to give you seamless visuals and smooth gameplay

Figure 5: SmoothMotion technology provides a fluid viewing experience with 100Hz refresh rate.

- **Blue Light Filter:** Reduces harmful blue light emissions. This feature can be adjusted through the monitor's OSD (On-Screen Display) menu.
- **Flicker Free Technology:** Eliminates screen flickering, which can cause eye strain and fatigue.

Eye Care Plus technology

TÜV Rheinland-certified Adjustable Blue Light Filter and Flicker Free technology

With Flicker-free Technology

Without Flicker-free Technology

Flicker Free Low Blue Light (Software Solution)

www.tuv.com ID 0217008711

Eye Care⁺

Figure 6: Eye Care Plus technology, including TÜV Rheinland-certified Adjustable Blue Light Filter and Flicker Free technology, for reduced eye strain. For more information, visit TÜV Rheinland Certification.

- **Anti-glare Screen:** Minimizes reflections and glare from ambient light, improving visibility.

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Video 1: This video demonstrates the benefits of ASUS Eye Care Monitors, highlighting features like anti-glare screen, blue light filter, flicker-free technology, and ergonomic design for improved eye comfort and overall user experience. It shows how these features address common issues like glare, eye strain from blue light, and screen flickering, making the monitor suitable for various activities including e-learning, work, and gaming.

3. MAINTENANCE

3.1 Cleaning the Monitor

To clean the monitor, gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen-specific cleaning solution applied to the cloth, not directly to the screen. The monitor bezels and hotkeys feature a

proprietary long-lasting antibacterial treatment; wipe these surfaces with a clean, dry cloth to maintain their effectiveness.
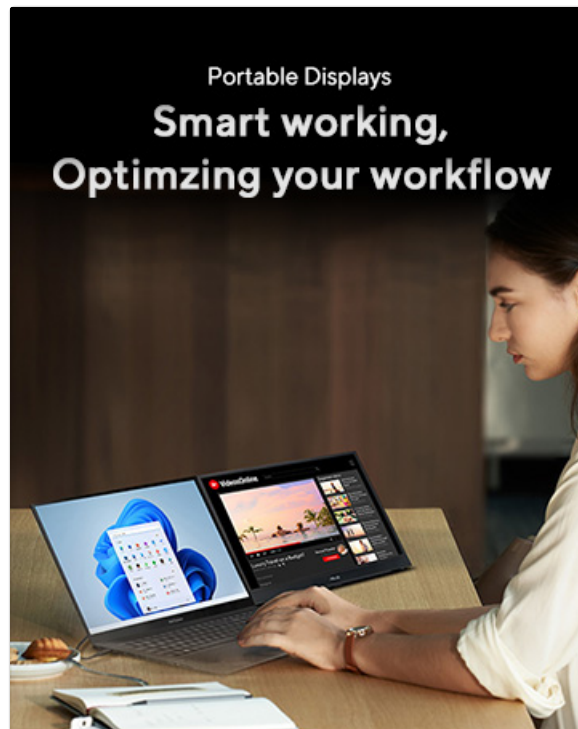

Figure 7: Illustration of the antibacterial treatment on the monitor surfaces.

4. TROUBLESHOOTING

If you encounter issues with your ASUS VY249HF-W monitor, please refer to the common troubleshooting steps below:

- **No Power:** Ensure the power cord is securely connected to both the monitor and a working power outlet. Check if the power adapter's LED indicator is on.
- **No Signal:** Verify that the HDMI cable is correctly connected to both the monitor and your computer. Ensure your computer is powered on and outputting a signal. Try selecting the correct input source on the monitor using the OSD menu.
- **Image Issues (Blurry, Distorted, Incorrect Colors):**
  - Check the display resolution settings on your computer and ensure they match the monitor's native resolution (1920x1080).
  - Adjust the monitor's OSD settings for brightness, contrast, and color temperature.
  - Ensure the HDMI cable is not damaged.

- **Eye Strain/Fatigue:**
  - Activate the Blue Light Filter feature through the OSD menu and adjust to a comfortable level.
  - Ensure Flicker Free Technology is enabled (it is typically always on by default).
  - Adjust monitor height and tilt for ergonomic comfort. The monitor offers tilt adjustment as shown in Figure 8.

Figure 8: Monitor tilt adjustment for ergonomic comfort.

- **Screen Tearing or Choppy Motion:** Ensure Adaptive Sync is enabled on both your monitor and your graphics card settings.

If the problem persists after trying these steps, please contact ASUS customer support or refer to the full user manual available on the ASUS website.

5. SPECIFICATIONS

Feature	Detail
Standing screen display size	24 Inches
Screen Resolution	1920x1080
Max Screen Resolution	1920 x 1080 Pixels
Brand	ASUS
Series	VY249HF-W
Item model number	VY249HF-W
Item Weight	7.5 pounds

Feature	Detail
Product Dimensions	7.3 x 21.3 x 15.5 inches
Item Dimensions LxWxH	7.3 x 21.3 x 15.5 inches
Color	WHITE
Manufacturer	ASUS
Date First Available	August 28, 2024
Screen Size	24 Inches
Resolution	FHD 1080p
Aspect Ratio	16:9
Screen Surface Description	Matte

6. WARRANTY AND SUPPORT

6.1 Warranty Information

This ASUS monitor comes with a 3-year warranty. Please refer to the included warranty card for detailed terms and conditions.
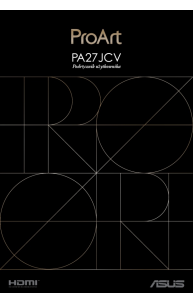
6.2 Optional Protection Plans

Additional protection plans are available for purchase to extend coverage:

- 3-Year Protection Plan: $21.99
- 4-Year Protection Plan: $29.99
- Complete Protect: One plan covers all eligible past and future purchases for $16.99/month.

6.3 Customer Support

For technical support, troubleshooting assistance, or warranty claims, please visit the official ASUS support website or contact their customer service. You can also visit the ASUS Store on Amazon for more product information.

Related Documents - VY249HF-W

	[ASUS ROG Swift PG329Q User Manual](#) Comprehensive user manual for the ASUS ROG Swift PG329Q gaming monitor, covering setup, OSD functions, specifications, troubleshooting, and safety information.
	[ASUS ROG Swift PG329Q User Manual](#) Comprehensive user manual for the ASUS ROG Swift PG329Q gaming monitor, covering setup, features, OSD menu navigation, troubleshooting, and specifications.
	[ASUS ProArt PA27JCV User Guide](#) Comprehensive user guide for the ASUS ProArt PA27JCV monitor, covering setup, operation, OSD functions, specifications, and troubleshooting. Learn how to connect, adjust, and optimize your display for professional use.
	[Podręcznik użytkownika ASUS ProArt PA27JCV](#) Kompleksowy podręcznik użytkownika dla monitora ASUS ProArt PA27JCV, zawierający instrukcje konfiguracji, obsługi, funkcji i rozwiązywania problemów.
	[ASUS VG249 Series LCD Monitor User Guide](#) Comprehensive user guide for the ASUS VG249 Series LCD Monitor, detailing setup, features, OSD menu navigation, specifications, and troubleshooting tips for optimal performance.
	[ASUS VG289 Series LCD Monitor User Guide - Features, Setup, and Specifications](#) Detailed user manual for the ASUS VG289 Series LCD Monitor. Covers setup, assembly, connecting cables, OSD functions, image adjustments, specifications, troubleshooting, and safety information.