

msi PRO MP251W E2

MSI PRO MP251W E2 Monitor User Manual

Model: PRO MP251W E2

1. PRODUCT OVERVIEW

The MSI PRO MP251W E2 is a 24.5-inch IPS monitor designed for both gaming and office use, offering a Full HD (1920 x 1080) resolution and a 120Hz refresh rate. It features Adaptive-Sync technology, HDR readiness, and multiple connectivity options including HDMI, VGA, and DisplayPort. The monitor is VESA mountable and includes built-in speakers, all within a sleek, 4-side slim bezel design.



Figure 1.1: MSI PRO MP251W E2 Monitor showcasing its main features like 25-inch display, Full HD, 120Hz, IPS, and VESA mountability.

Key Features:

- **24.5-inch Broadened Display:** Provides an expanded visual area within a compact footprint.
- **120 Hz Refresh Rate:** Delivers smoother visuals and reduces motion blur for an enhanced viewing experience.
- **IPS Panel with 178° Wide Viewing Angle:** Ensures consistent and vibrant colors from various perspectives.
- **TÜV Certified Display:** Designed to protect eye health with features like Less Blue Light and Anti-Flicker.

- **MSI Eye-Q Check:** A utility to help users self-check their eyes and remind them to take breaks.
- **Built-in Speakers:** Integrated audio solution for convenience.
- **VESA Mountable:** Allows for flexible mounting options.

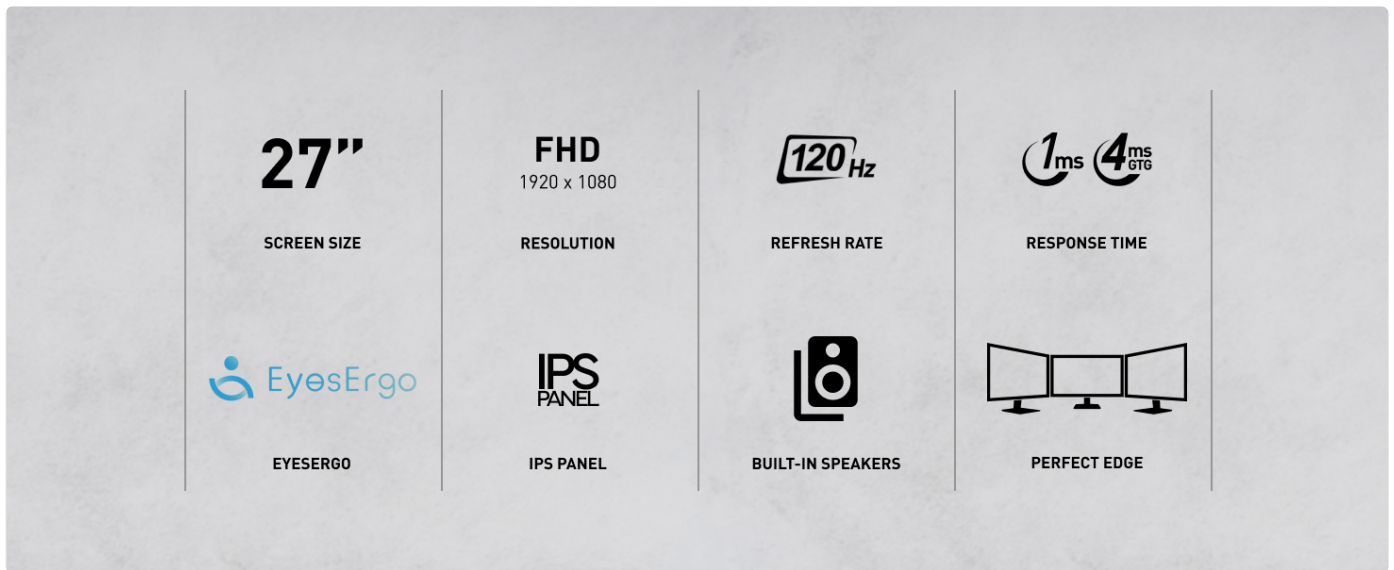


Figure 1.2: Visual summary of the monitor's key specifications including screen size, resolution, refresh rate, response time, panel type, and built-in features.

2. SETUP GUIDE

2.1 Unpacking the Monitor

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

- MSI PRO MP251W E2 24.5" 16:9 Full HD 120Hz IPS LCD HDR Monitor (White)
- Power Cord
- HDMI Cable

2.2 Assembling the Stand

1. Place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor's VESA mounting area. Secure it with the provided screws.
3. Attach the base to the stand neck. Tighten the thumb screw or screws at the bottom of the base.
4. Carefully lift the assembled monitor and place it on a stable, flat surface.

2.3 Connecting Cables

Connect the necessary cables to the monitor's I/O ports. Refer to the image below for port locations.

PerfectEdge



Provides the Perfect View

Figure 2.1: Rear view of the monitor showing DisplayPort 1.4a, HDMI 2.0, D-Sub (VGA), Line-in, and Headphone-out ports.

- **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Connection:**
 - For optimal performance, connect the provided HDMI cable from your computer's HDMI output to the monitor's HDMI 2.0 port.
 - Alternatively, use a DisplayPort cable for DisplayPort 1.4a connection or a VGA cable for D-Sub (VGA) connection.
- **Audio Connection:**
 - If using external speakers or headphones, connect them to the Headphone-out port.
 - The Line-in port can be used for audio input if your source device requires it.

2.4 Initial Power-On

Press the power button located on the monitor to turn it on. The monitor will automatically detect the active input source. If not, you may need to manually select the input source using the On-Screen Display (OSD) menu.



Figure 2.2: The monitor integrated into different modern professional environments, highlighting its versatile design and compact footprint.

3. OPERATING INSTRUCTIONS

3.1 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Typically, buttons are located on the back or bottom of the monitor. Refer to your monitor's physical layout for exact button locations.

- Press the **Menu** button to open the OSD menu.
- Use the **Navigation** buttons (up/down/left/right) to browse through menu options.
- Press the **Enter** or **OK** button to select an option or confirm a setting.
- Press the **Exit** or **Back** button to return to the previous menu or exit the OSD.

3.2 Adjusting Display Settings

Within the OSD menu, you can customize your viewing experience:

- **Brightness/Contrast:** Adjust these settings to suit your lighting conditions and personal preference.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels for accurate color reproduction.
- **Input Source:** Manually select between HDMI, DisplayPort, or VGA inputs.
- **Refresh Rate:** Ensure your computer's display settings are configured to utilize the monitor's 120Hz refresh rate for the smoothest experience.
- **Aspect Ratio:** Choose between Full, Aspect, or 1:1 scaling.



Figure 3.1: Visual demonstration of the difference between a 60Hz and 120Hz refresh rate, illustrating the smoother motion provided by 120Hz.

3.3 Utilizing Advanced Features

- **Adaptive-Sync:** Enable this feature in the OSD and your graphics card settings to synchronize the monitor's refresh rate with your GPU's frame rate, reducing screen tearing and stuttering.
- **HDR Ready:** For compatible content, the monitor can display a wider range of colors and contrast. Ensure HDR is enabled in your operating system settings.
- **MSI Eye-Q Check:** Access this utility through the OSD or MSI software (if applicable) to perform quick eye health checks and receive reminders for breaks during prolonged use.
- **PerfectEdge:** The slim bezel design allows for a seamless multi-monitor setup, providing an immersive viewing experience.



Figure 3.2: A triple monitor setup demonstrating the "PerfectEdge" feature, which minimizes bezel gaps for a more continuous display across multiple screens.



Figure 3.3: Illustration of EyesErgo Tech, highlighting its benefits for eye comfort, including less blue light emission, anti-flicker technology, and anti-glare coating.

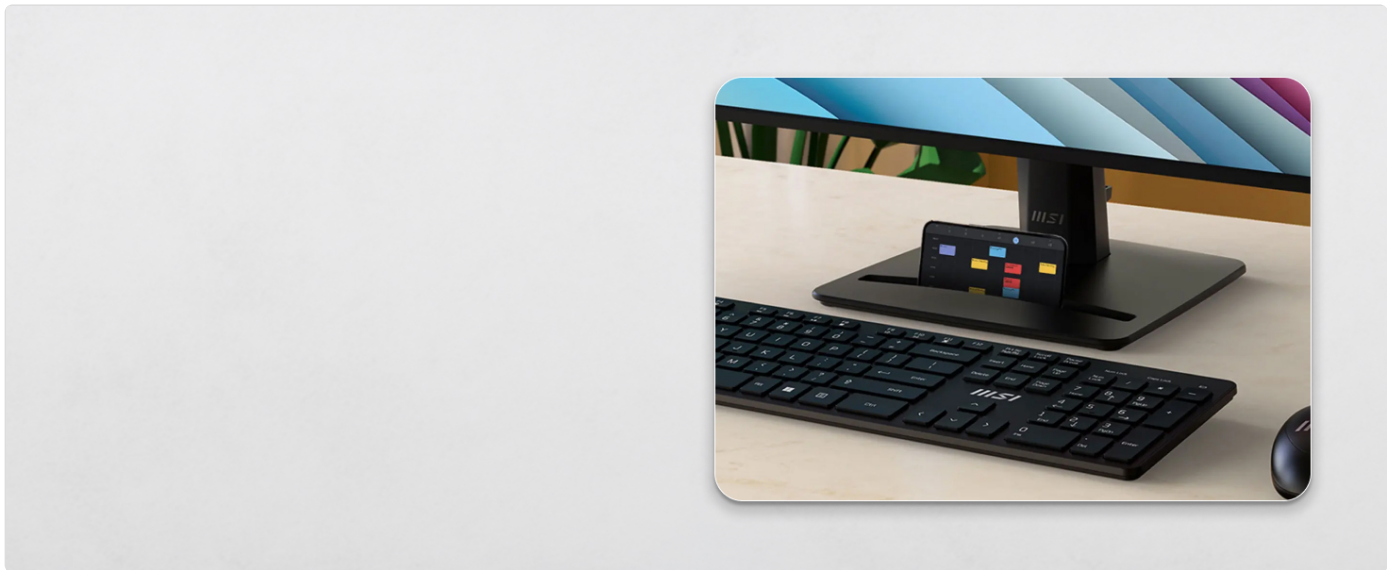


Figure 3.4: The monitor's stand featuring an accessory slot, designed to hold small peripherals like smartphones, helping to keep the workspace organized.

4. MAINTENANCE

4.1 Cleaning the Monitor

- Always turn off and unplug the monitor before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Gently wipe the screen and monitor casing. Avoid spraying liquid directly onto the screen or into any openings.
- Do not use alcohol, ammonia, or abrasive cleaners, as they can damage the screen surface.

4.2 Storage Guidelines

- If storing the monitor for an extended period, use the original packaging to protect it from dust and physical damage.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your monitor.

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source selected.	Ensure power and video cables are securely connected. Check if the monitor is turned on. Select the correct input source via the OSD menu.
Image flickering or unstable	Loose video cable; Incorrect refresh rate; Graphics card driver issues.	Reconnect the video cable. Ensure the refresh rate is set correctly in your computer's display settings. Update your graphics card drivers.
No sound from built-in speakers	Volume too low; Incorrect audio output selected on computer; Audio cable not connected (if using Line-in).	Increase monitor volume via OSD. Set monitor as default audio output in computer settings. Ensure audio cable is connected if using Line-in.
Colors appear incorrect	Color settings misconfigured; Damaged video cable.	Reset color settings to default in OSD. Try a different video cable.

If the problem persists after trying these solutions, please contact MSI customer support.

6. SPECIFICATIONS

Detailed technical specifications for the MSI PRO MP251W E2 monitor.

Feature	Detail
Model Number	PRO MP251W E2
Screen Size	24.5 Inches
Resolution	FHD 1080p (1920 x 1080)
Refresh Rate	120Hz

Feature	Detail
Panel Type	IPS
Aspect Ratio	16:9
Screen Surface	Matte
Connectivity	HDMI 2.0, DisplayPort 1.4a, D-Sub (VGA), Line-in, Headphone-out
VESA Mountable	Yes
Built-in Speakers	Yes
Dimensions (L x W x H)	7.4 x 21.97 x 16.4 inches
Weight	10.05 Pounds

7. WARRANTY AND SUPPORT

7.1 Warranty Information

MSI products are covered by a limited warranty. Please refer to the warranty card included with your product or visit the official MSI website for detailed warranty terms and conditions specific to your region and product model. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact MSI customer support through their official website. You may need to provide your product's model number (PRO MP251W E2) and serial number.

MSI Official Website: www.msi.com