MSI MP2412W

MSI PRO MP2412W Monitor User Manual

Model: MP2412W

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your MSI PRO MP2412W 24-inch VA 1920 x 1080 (FHD) Computer Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.

The MSI PRO MP2412W monitor is designed for an optimal viewing experience, featuring a 100Hz refresh rate, 1ms (MPRT) response time, and TÜV certified anti-flicker and less blue light technologies for eye protection.

2. Safety Information

Always observe the following safety precautions to prevent injury and damage to the monitor:

- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing. There are no user-serviceable parts inside.
- Use only the power adapter supplied with the monitor.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Clean the monitor with a soft, dry cloth. Avoid using liquid cleaners or aerosol sprays.
- Disconnect the power cable from the wall outlet if the monitor will not be used for an extended period.

3. Package Contents

Verify that all items are present in your package:

- MSI PRO MP2412W Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- Quick Start Guide
- Warranty Card

4. Setup

4.1 Assembling the Stand

The MSI PRO MP2412W monitor features a tool-less design for easy stand assembly.

1. Carefully remove the monitor from its packaging, placing it face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor panel by aligning the tabs and pushing until it clicks into place.
3. Attach the stand base to the neck. Secure it by tightening the captive screw on the bottom of the base.



Image: Side view of the MSI PRO MP2412W monitor with its stand fully assembled.

4.2 Connecting Cables

Connect the necessary cables to the monitor and your computer.

1. Connect the HDMI cable from your computer's HDMI output to the HDMI input on the monitor. Alternatively, use a DisplayPort cable if your computer supports it.
2. Connect the power adapter to the monitor's DC-in port, then plug the power cord into a wall outlet.

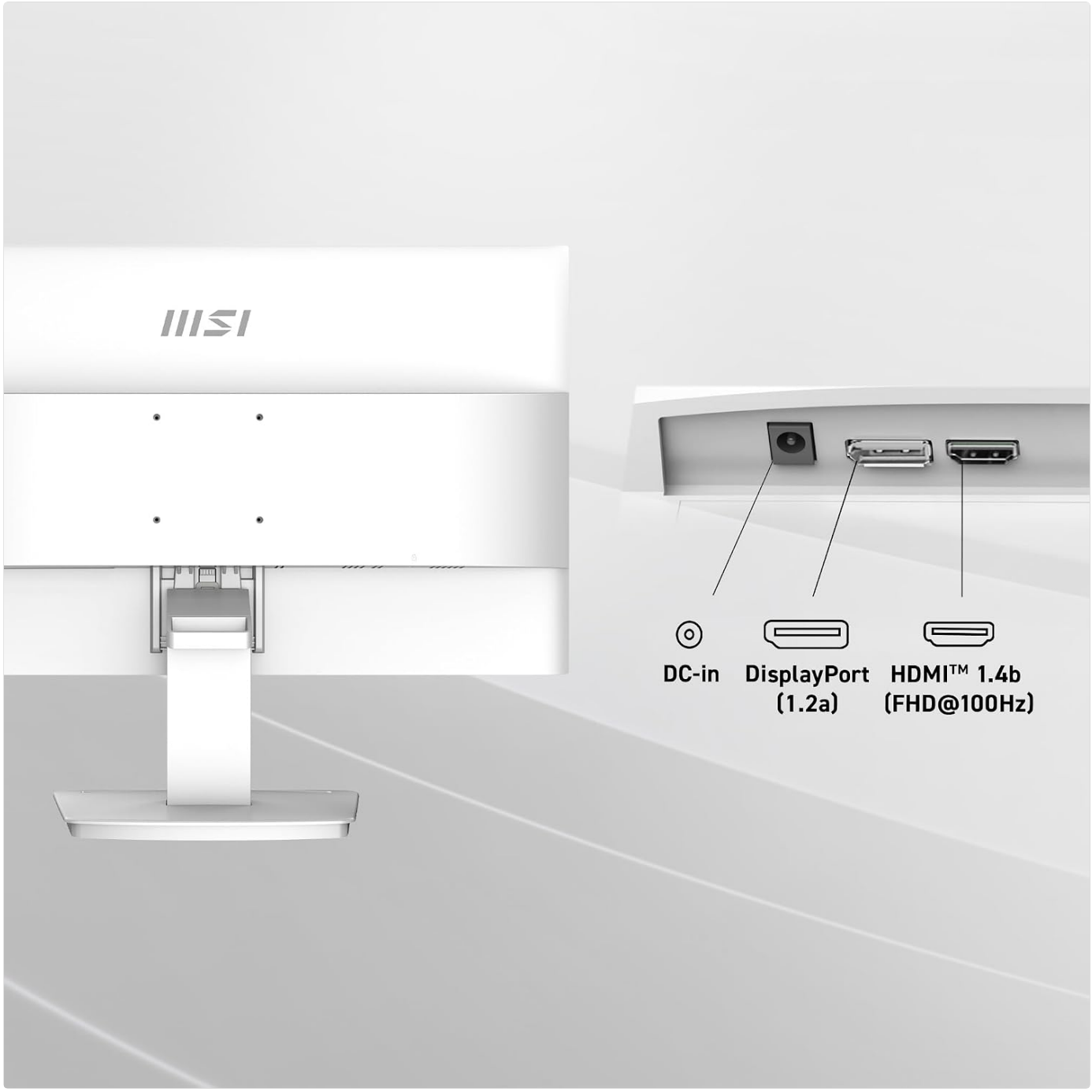


Image: Detailed view of the monitor's rear ports, including DC-in, DisplayPort (1.2a), and HDMI (1.4b) for connectivity.

4.3 Initial Power On

Once all cables are connected, press the power button on the monitor to turn it on. The monitor should automatically detect the input signal.

5. Operating the Monitor

5.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the navigation buttons, typically located on the back or bottom of the monitor, to access and navigate the menu.

5.2 Display Settings

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.

- **Input Source:** Manually select between HDMI and DisplayPort inputs.
- **Refresh Rate:** The monitor supports up to 100Hz refresh rate. Ensure your graphics card settings are configured to utilize this.
- **Free-Sync:** Enable Free-Sync for a tear-free gaming experience with compatible AMD graphics cards.

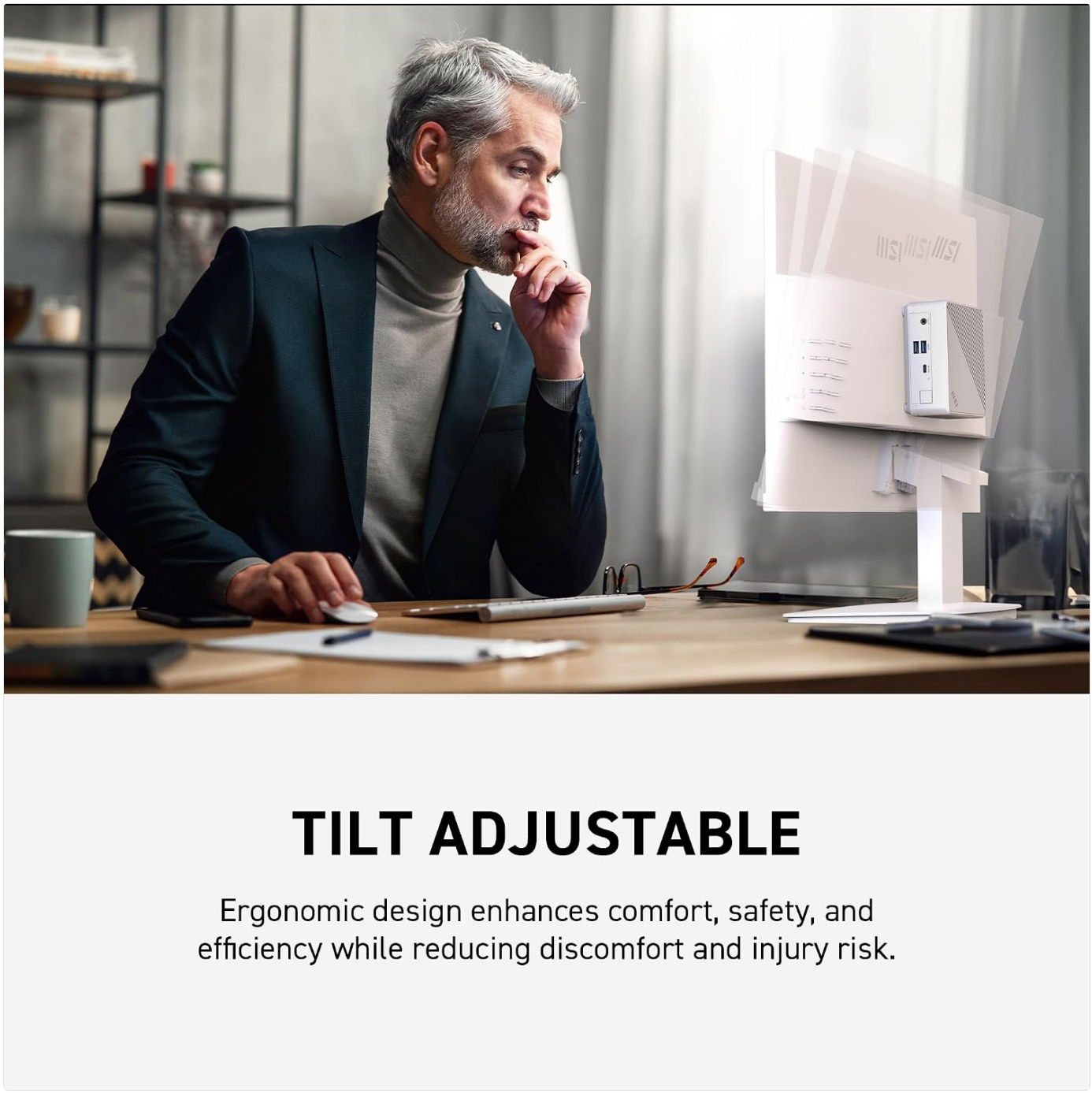


Image: Visual comparison demonstrating the smoothness of a 100Hz high refresh rate versus a lower refresh rate, highlighting "Flawless Flow, No More Stutters."

5.3 Eye Care Features (EyesErgo Tech)

The MSI PRO MP2412W incorporates EyesErgo technology to enhance user comfort and protect eye health.

- **Anti-Flicker:** Reduces screen flickering, which can cause eye strain over long periods.
- **Less Blue Light:** Filters out harmful blue light emissions to minimize eye fatigue.
- **MSI Eye-Q Check:** A feature designed to help users self-check their eyes and remind them to take breaks during extended use.



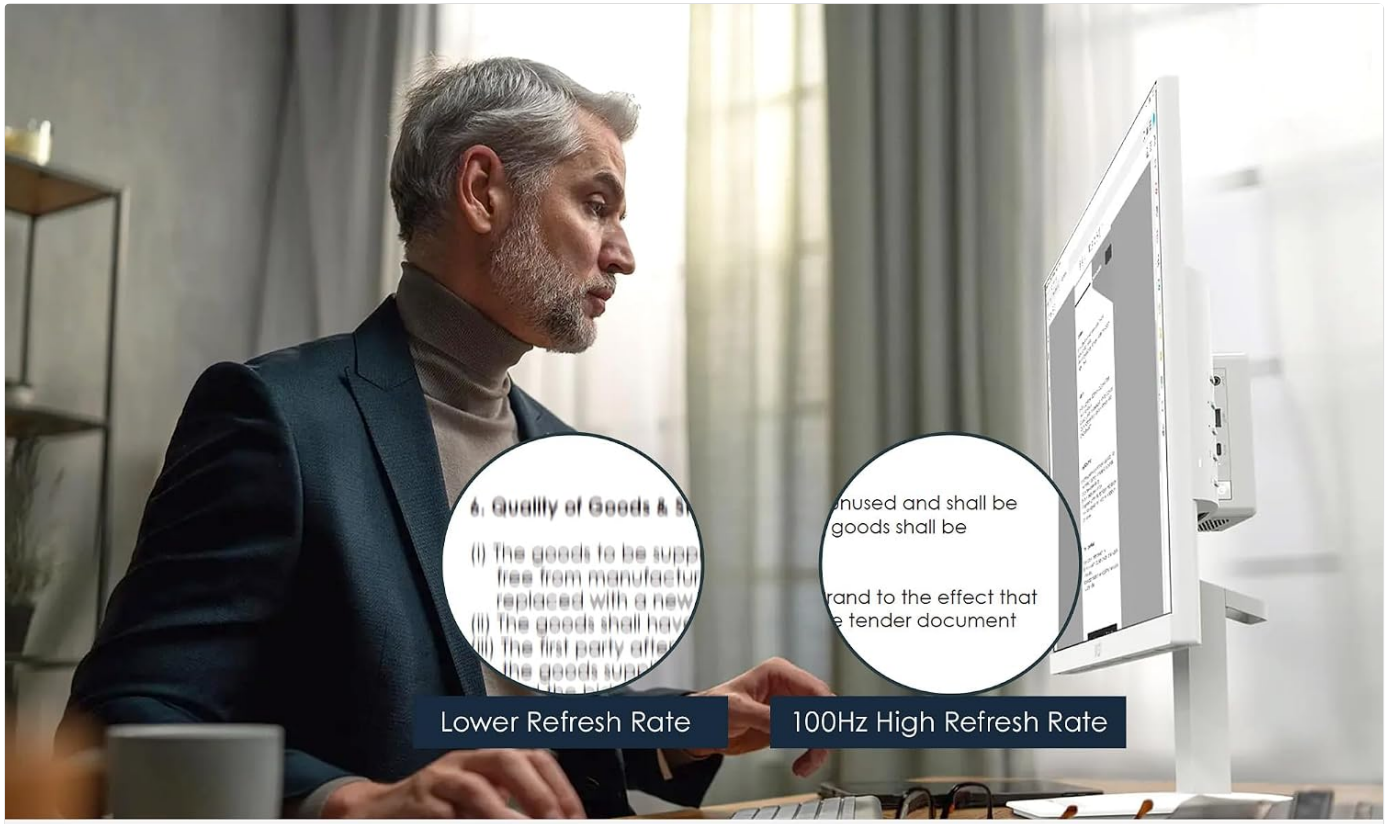
Image: The monitor's EyesErgo Tech promotes well-being with ergonomic design and eye care features for enhanced comfort.



Image: MSI Eye Care Technology, including Anti-Flicker and Less Blue Light, is designed to boost productivity and reduce eye strain.

5.4 Ergonomic Adjustments

- **Tilt Adjustment:** The monitor allows for tilt adjustment to find your most comfortable viewing angle.



FLAWLESS FLOW, NO MORE STUTTERS

Attend the smoothest online conference call and show the perfect advertising video to customers with a 100Hz refresh rate. VESA's research shows that for 95% of users, 85Hz Refresh Rate has become a defacto standard for normal use that shows “flicker-free” images.

Image: The monitor's ergonomic design allows for tilt adjustment, enhancing comfort and reducing discomfort.

5.5 Additional Features

- **Accessory Slot:** A convenient slot for storing your phone, keeping your workspace tidy.
- **Power Link Support:** MSI Power Link via HDMI CEC allows the monitor to power on an MSI mini-PC for a streamlined experience.
- **VESA Mountable:** Supports standard VESA mounts (75x75mm) for alternative mounting solutions, such as wall mounts or monitor arms. This also allows for hiding a Cubi Series PC behind the monitor.



ACCESSORY SLOT

The accessory slot allows convenient phone storage, freeing your hands for easy access.

Image: The monitor features an accessory slot for convenient phone storage, freeing up desk space.



EYESERGO TECH

Optimize well-being and work eyesergo with our display's ergonomic design and eye care features. Enhanced comfort and promote healthier productivity.

Image: The monitor supports VESA mounting, allowing for a mini-PC to be discreetly attached to the back.

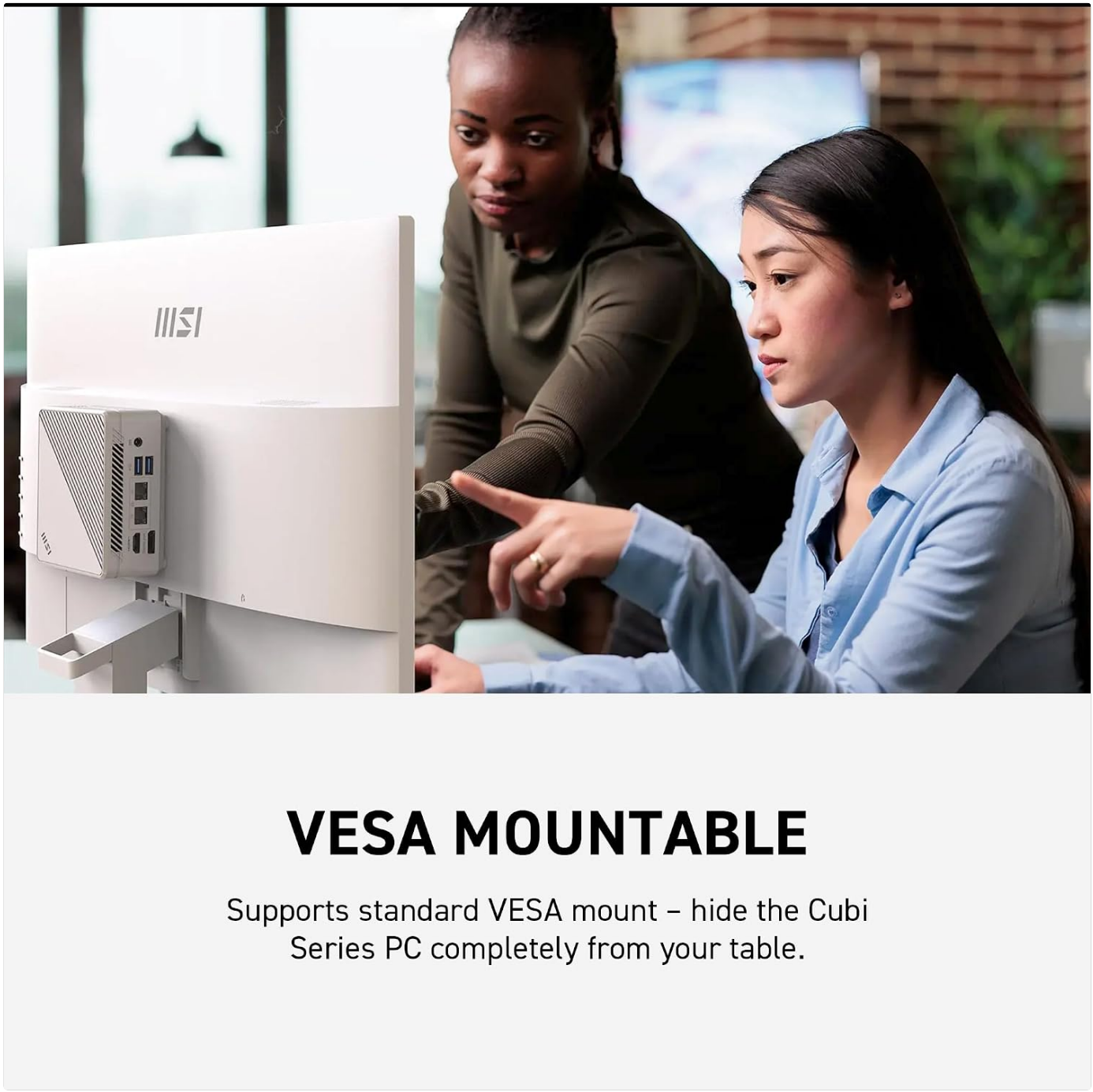


Image: The VESA mountable design allows for a clean setup, supporting standard VESA mounts and enabling a Cubi Series PC to be hidden.

6. Maintenance

6.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen and casing.
- 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 benzene, thinner, ammonia-based cleaners, or abrasive cleaning agents.

6.2 Storage

If storing the monitor for an extended period, disconnect all cables and pack it in its original packaging or a suitable protective box. Store in a cool, dry place.

7. Troubleshooting

Problem	Possible Cause	Solution
No image on screen	Power cable not connected; Video cable not connected; Incorrect input source selected.	Ensure power cable is securely connected. Check video cable connection. Select correct input source via OSD menu.
Image is blurry or distorted	Incorrect resolution; Graphics driver issue.	Set display resolution to 1920 x 1080. Update graphics card drivers.
Screen flickering	Refresh rate mismatch; Cable issue.	Ensure refresh rate is set to 100Hz in display settings. Check video cable for damage or replace if necessary.
No sound (if applicable)	Audio cable not connected; Volume too low; Incorrect audio output selected on PC.	Ensure audio cable is connected (if using external speakers). Adjust monitor/PC volume. Select monitor as audio output device on PC.

8. Specifications

Feature	Detail
Brand	MSI
Model	MP2412W
Screen Size	23.82 Inches
Resolution	FHD 1080p (1920 x 1080)
Panel Type	VA
Refresh Rate	100Hz
Response Time	1ms (MPRT)
Aspect Ratio	16:9
Screen Surface	Matte
Connectivity	HDMI 1.4b, DisplayPort 1.2a, DC-in
VESA Mount	Yes (75x75mm)
Tilt Adjustment	Yes
Eye Care Features	Anti-Flicker, Less Blue Light, Eye-Q Check (TÜV Certified)

9. Warranty and Support

9.1 Warranty Information

Your MSI PRO MP2412W monitor comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

9.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact MSI customer support. You can find contact information on the MSI official website or on the warranty card.

MSI Official Website: www.msi.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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