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ASUS PB278QV

ASUS 27" 1440P Professional Monitor (PB278QV) - User Manual

Model: PB278QV

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1. INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your ASUS 27" 1440P Professional Monitor (PB278QV). Designed for multitaskers, this monitor features a 27-inch WQHD (2560 x 1440) display, a 75Hz refresh rate, and a 5ms (GTG) response time. It incorporates ASUS exclusive functions to enhance productivity and ASUS Eye Care technology to minimize eye strain during prolonged use. With extensive connectivity options including DisplayPort, HDMI, and Dual-Link DVI, the PB278QV ensures broad compatibility and a smooth user experience.



Figure 1.1: Front view of the ASUS PB278QV Professional Monitor, showcasing its sleek design and large display.

2. SAFETY INFORMATION

Please read all instructions carefully before using the monitor. Keep this manual for future reference.

- **Power Source:** Use only the power adapter supplied with your monitor. Ensure the power cord is properly grounded.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow.
- **Liquid and Moisture:** Keep the monitor away from liquids. Do not expose it to rain or moisture.
- **Cleaning:** Unplug the monitor before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Placement:** Place the monitor on a stable, flat surface. Avoid placing it in direct sunlight or near heat sources.
- **Servicing:** Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.
- **Eye Care:** Take regular breaks to reduce eye strain. Adjust screen brightness and contrast to comfortable levels.

3. SETUP

3.1 Package Contents

Verify that all items are present in your package. If any item is missing or damaged, contact your retailer immediately.

- ASUS PB278QV Monitor
- Power Cord
- HDMI Cable
- DisplayPort Cable
- Dual-Link DVI Cable
- Quick Start Guide
- Warranty Card

3.2 Assembling the Monitor Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand base to the stand neck, ensuring it clicks into place or is secured with the provided screw.
3. Align the assembled stand with the mounting holes on the back of the monitor and secure it firmly.

3.3 Connecting the Monitor

Connect the appropriate cables from your computer or video source to the monitor's input ports.

- **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Input:**
 - **DisplayPort:** For optimal performance, connect a DisplayPort cable from your computer to the monitor's DisplayPort input.
 - **HDMI:** Connect an HDMI cable from your computer to the monitor's HDMI input.
 - **Dual-Link DVI:** Connect a Dual-Link DVI cable from your computer to the monitor's DVI input.
 - **VGA:** Connect a VGA cable from your computer to the monitor's VGA input.
- **Audio (if applicable):** If using an analog audio source, connect an audio cable from your computer's audio output to the monitor's audio input.
- **USB (if applicable):** Connect the USB upstream cable from your computer to the monitor's USB upstream port to enable the monitor's USB downstream ports.



Figure 3.1: Rear view of the ASUS PB278QV monitor, highlighting the DisplayPort, HDMI, Dual-Link DVI, and VGA input ports.

4. OPERATING THE MONITOR

4.1 Power On/Off

Press the power button located on the front or side of the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

4.2 On-Screen Display (OSD) Menu Navigation

The monitor features an intuitive OSD menu for adjusting various settings. Use the physical buttons on the monitor's bezel to navigate and select options.

- **Menu Button:** Press to open the OSD menu.
- **Navigation Buttons:** Use the directional buttons (up/down/left/right) to move through menu options.

- **Select Button:** Press to confirm a selection or enter a sub-menu.
- **Exit Button:** Press to exit the current menu or return to the previous level.

4.3 Key Features and Adjustments

- **Adaptive-Sync Technology:** Enables a smooth visual experience by synchronizing the monitor's refresh rate with your graphics card's frame rate, reducing screen tearing and stuttering.
- **ASUS Eye Care Technology:**
 - **Flicker-Free:** Reduces screen flickering to minimize eye strain during extended viewing.
 - **Ultra-low Blue Light:** Offers multiple blue light filter levels to protect your eyes from harmful blue light emissions.
- **Quick Fit Function:** Provides an on-screen overlay of actual size documents and photos, allowing you to preview them in their true size before printing.
- **MultiFrame Management:** Helps organize multiple windows on your desktop for improved productivity and screen usage.
- **Ergonomic Adjustments:** The monitor stand allows for versatile positioning:
 - **Tilt:** Adjust the screen angle vertically.
 - **Swivel:** Rotate the screen horizontally on its base.
 - **Pivot:** Rotate the screen 90 degrees for portrait mode viewing.
 - **Height Adjustment:** Raise or lower the screen to your preferred viewing height.



Figure 4.1: The ASUS PB278QV monitor shown in portrait orientation, demonstrating its pivot capability for vertical content viewing.

5. MAINTENANCE

5.1 Cleaning the Monitor

Regular cleaning helps maintain the monitor's appearance and performance.

- **Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner (do not spray directly onto the screen).
- **Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners or solvents.
- **Before Cleaning:** Always unplug the monitor from the power outlet before cleaning.

5.2 Storage

If storing the monitor for an extended period, ensure it is kept in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to store it in its original packaging if possible.

6. TROUBLESHOOTING

Problem	Possible Solution
No image on screen	<p>Ensure the power cord is securely connected to the monitor and a power outlet.</p> <p>Check if the power indicator light is on.</p> <p>Verify that the video cable (HDMI, DisplayPort, DVI, VGA) is securely connected to both the monitor and the computer.</p> <p>Press the monitor's input select button to ensure the correct input source is selected.</p> <p>Restart your computer.</p>
Image is blurry or distorted	<p>Adjust the monitor's resolution to its native resolution (2560 x 1440).</p> <p>Check the video cable for damage or loose connections.</p> <p>Perform an auto-adjustment via the OSD menu (if available for analog input).</p>
Screen flickering	<p>Ensure the video cable is properly connected.</p> <p>Check for external interference from other electronic devices.</p> <p>Verify that the monitor's refresh rate is set correctly (75Hz).</p> <p>Enable or disable Adaptive-Sync in your graphics card settings or monitor OSD.</p>
No audio	<p>Ensure the audio cable is connected (if using analog audio).</p> <p>Check the monitor's volume settings in the OSD menu.</p> <p>Verify that the audio output on your computer is correctly configured.</p>

7. SPECIFICATIONS

Feature	Detail
Brand	ASUS
Model	PB278QV
Screen Size	27 Inches
Resolution	WQHD (2560 x 1440)
Refresh Rate	75Hz
Response Time	5ms (GTG)
Panel Type	IPS (In-Plane Switching)
Aspect Ratio	16:9
Color Gamut	100% sRGB
Viewing Angle	178° (H)/178° (V)
Connectivity	DisplayPort, HDMI, Dual-Link DVI, VGA
USB Ports	1x USB 2.0, 1x USB 3.0
Ergonomics	Tilt, Swivel, Pivot, Height Adjustment

Feature	Detail
Eye Care Features	Flicker-Free, Ultra-low Blue Light
Weight	17.16 pounds
Dimensions (LxWxH)	10 x 0.2 x 1 inches

8. WARRANTY & SUPPORT

8.1 Warranty Information

The ASUS PB278QV Professional Monitor typically comes with a **Three-Year Warranty** across all series, covering manufacturing defects and hardware malfunctions under normal use. Please refer to the warranty card included in your package for specific terms and conditions, including coverage details and limitations. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact ASUS customer support.

- **ASUS Support Website:** Visit the official ASUS support website for drivers, FAQs, and online troubleshooting resources.
- **Contact Information:** Refer to the ASUS website or your product documentation for regional contact numbers and email support.
- **Online Resources:** Explore the [ASUS Store on Amazon](#) for additional product information and related accessories.

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Related Documents - PB278QV

	<p>ASUS ROG Swift PG329Q User Manual</p> <p>Comprehensive user manual for the ASUS ROG Swift PG329Q gaming monitor, covering setup, OSD functions, specifications, troubleshooting, and safety information.</p>
	<p>ASUS PA248 Series LCD Monitor User Guide: Setup, Features, and Specifications</p> <p>A comprehensive user guide for the ASUS PA248 Series LCD Monitor. This document details setup procedures, OSD menu functions, troubleshooting tips, technical specifications, and supported operating modes, providing users with essential information for optimal display performance.</p>

 <p>ASUS VG289 Series LCD Monitor User Guide</p>	<p>ASUS VG289 Series LCD Monitor User Guide - Features, Setup, and Specifications</p> <p>Detailed user manual for the ASUS VG289 Series LCD Monitor. Covers setup, assembly, connecting cables, OSD functions, image adjustments, specifications, troubleshooting, and safety information.</p>
 <p>ASUS Pro H510M-C Motherboard</p>	<p>ASUS Pro H510M-C Motherboard User Guide</p> <p>This user guide provides comprehensive information for the ASUS Pro H510M-C motherboard, covering product specifications, installation procedures, BIOS settings, and safety guidelines.</p>
 <p>REPUBLIC OF GAMERS ROG STRIX XG32UQ СЕРЬЕЗНОСТНОЙ ИГРОВОЙ МОНИТОР ASUS</p>	<p>ASUS ROG Strix XG32UQ 4K Gaming Monitor User Manual</p> <p>Comprehensive user manual for the ASUS ROG Strix XG32UQ 4K gaming monitor, covering setup, features, OSD navigation, specifications, and compliance information.</p>
 <p>ASUS VA24DQFS/VA27DQFS LCD Monitor User Guide</p>	<p>ASUS VA24DQFS/VA27DQFS LCD Monitor User Guide</p> <p>Comprehensive user guide for the ASUS VA24DQFS and VA27DQFS LCD monitors, covering setup, features, OSD menu, specifications, and troubleshooting. Learn how to connect, adjust, and optimize your ASUS monitor for the best viewing experience.</p>