acer 16PM1Q

Acer AOPEN 16PM1Q 15.6" Portable Monitor User Manual

Model: 16PM1Q

1. INTRODUCTION

Thank you for choosing the Acer AOPEN 16PM1Q 15.6" Full HD Portable Monitor. This monitor is designed to enhance your productivity and entertainment on the go, offering a vibrant display and versatile connectivity in an ultra-slim, lightweight package. This manual provides essential information for setting up, operating, and maintaining your new portable monitor.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Acer AOPEN 16PM1Q Portable Monitor
- USB-C to USB-C Cable (for power, video, and data)
- Mini HDMI to HDMI Cable (for video input)
- User Manual (this document)

3. PRODUCT FEATURES

- **Vivid Full HD Clarity:** Enjoy sharp, true-to-life visuals on a 15.6-inch IPS display with 1920 x 1080 resolution. In-Plane Switching (IPS) technology ensures consistent colors and wide 170° viewing angles, ideal for sharing content.
- **Ultra-Slim & Lightweight Portability:** Designed for mobility, this monitor features an ultra-thin 0.52" profile and weighs only 1.43 lbs, making it easy to carry in laptop bags for a seamless dual-monitor setup anywhere.
- **Single-Cable Connectivity:** Simplify your workspace with the USB Type-C port (DisplayPort Alt Mode) for video, data, and power delivery via a single cable. A Mini HDMI port is also included for broad compatibility with various devices.
- **Adaptive Viewing Comfort:** The integrated tilt-adjustable stand allows you to set the perfect ergonomic angle between 0° and 180°. AOPEN VisionCare technologies, including BlueLightShield and Flickerless, help reduce eye strain during extended use.
- **Plug-and-Play Efficiency:** No drivers or complex software installations are required. Expand your screen real estate instantly for multitasking, remote work, or gaming with 60Hz refresh rates and a responsive 6ms (GtG) performance.

4. Setup and Connections

4.1 Physical Overview

Front view of the Acer AOPEN 16PM1Q Portable Monitor.

Rear view with the integrated tilt-adjustable stand.

4.2 Port Layout

The monitor features multiple ports for versatile connectivity:

- **USB-C Ports (x2):** Located on one side, these ports support DisplayPort Alt Mode for video, data, and power delivery via a single cable. One port can be used for power input, and the other for video/data.
- **Mini HDMI Port (x1):** Located on the same side as the USB-C ports, this port is for video input from devices like game consoles or older laptops.
- **3.5mm Audio Jack (x1):** Located on the opposite side, for connecting headphones or external speakers.

USB-C and Mini HDMI ports.

Control buttons and 3.5mm audio jack.

4.3 Connecting Your Device

1. **Using USB-C (Recommended):** Connect one end of the provided USB-C to USB-C cable to a compatible USB-C port on your laptop, smartphone, or other device. Connect the other end to one of the USB-C ports on the monitor. This single cable will provide power, video, and data. The monitor will automatically detect the input.

2. **Using Mini HDMI:** Connect one end of the provided Mini HDMI to HDMI cable to the Mini HDMI port on the monitor. Connect the HDMI end to your device. **Note:** When using Mini HDMI, the monitor requires external power. Connect a USB-C power adapter (not included) to one of the monitor's USB-C ports for power.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the Power button located on the side of the monitor to turn it on or off. A green LED indicator will show when the monitor is powered on.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the navigation buttons (up/down) and the selection button (often the power button or a dedicated menu button) to navigate and select options. Common OSD Menu Options:

- **Picture:** Adjust brightness, contrast, sharpness, and other image quality settings.

- **Color:** Modify color temperature, gamma, and individual RGB levels.
- **Audio:** Control volume and mute the built-in speakers. The monitor includes two 1-watt speakers, which provide basic audio output. For higher quality audio, connect external headphones or speakers via the 3.5mm audio jack.
- **Performance:** Adjust response time (e.g., 6ms GtG) and other performance-related settings.
- **OSD:** Customize OSD menu display time and transparency.
- **System:** General system settings, including input source selection (though the monitor often auto-detects).
- **Information:** View current display resolution, refresh rate, and other monitor details.

6. SPECIFICATIONS

Feature	Specification
Screen Size	15.6 Inches
Resolution	1920 x 1080 (Full HD)
Panel Type	IPS
Refresh Rate	60Hz
Response Time	6ms (GtG)
Aspect Ratio	16:9
Brightness	250 Candela per Square Meter
Connectivity	2x USB-C (DisplayPort Alt Mode, Power Delivery), 1x Mini HDMI
Audio	Built-in Speakers (2x 1W), 3.5mm Audio Jack
Dimensions (L x W x H)	14 x 8.7 x 0.4 inches
Item Weight	1.48 pounds
Screen Surface	Matte

7. TROUBLESHOOTING

- **No Display / Black Screen:**
  - Ensure the USB-C or Mini HDMI cable is securely connected to both the monitor and your device.
  - If using Mini HDMI, confirm that a separate USB-C power source is connected to the monitor.
  - Check if your device's display output is enabled or extended to the portable monitor.
  - Try a different cable or port if available.

- **No Power:**
  - Verify the USB-C cable is connected to a power-delivery enabled port on your device or a dedicated USB-C power adapter.
  - Ensure the power button on the monitor is pressed.

- **Poor Audio Quality / No Sound:**

- Adjust the volume in the OSD menu and on your connected device.
- Check if the monitor's audio is muted in the OSD settings.
- For better audio, use the 3.5mm audio jack to connect headphones or external speakers.

- **Image Flickering:**
  - Ensure the display cable is not damaged and is properly connected.
  - Check for driver updates for your device's graphics card.

8. SAFETY INFORMATION

- Do not expose the monitor to rain or moisture.
- Do not disassemble the monitor. Refer all servicing to qualified service personnel.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Use only the cables provided or recommended by the manufacturer.
- Clean the screen with a soft, lint-free cloth. Do not use liquid cleaners or aerosol sprays directly on the screen.

9. WARRANTY AND SUPPORT

Your Acer AOPEN 16PM1Q Portable Monitor comes with a limited warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official Acer support website. For technical assistance, troubleshooting, or service inquiries, please contact Acer customer support.