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> Acer Nitro NMW101 6400 DPI Gaming Mouse User Manual

## Acer NMW101

# Acer Nitro NMW101 6400 DPI Gaming Mouse User Manual

Model: NMW101 | Brand: Acer

## 1. INTRODUCTION AND OVERVIEW

The Acer Nitro NMW101 gaming mouse is engineered for speed, precision, and comfort during intense gaming sessions. Its ergonomic design ensures a firm and comfortable grip, even during extended periods of use. Equipped with a high-performance A725F optical sensor, this mouse offers up to 6400 adjustable DPI, providing precise sensitivity control to match various gameplay styles. With 6 programmable buttons, including the scroll wheel, the NMW101 enhances practicality and agility for every command. Customizable RGB lighting adds a personalized aesthetic to your gaming setup, while the 1ms/1000 Hz response rate guarantees rapid, lag-free movements. Built for durability, the mouse is designed to withstand up to 10 million clicks, ensuring professional-grade longevity.



Figure 1: Acer Nitro NMW101 Gaming Mouse with highlighted features (6 buttons, 6400 DPI, A725F optical sensor, 1000Hz polling rate).

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Acer Nitro NMW101 Gaming Mouse with attached USB cable
- User Manual (this document)
- Warranty Card

## 3. PRODUCT FEATURES

Key features of the Acer Nitro NMW101 Gaming Mouse include:

- **High-Performance Optical Sensor:** Equipped with an A725F optical sensor for precise and accurate tracking.
- **Adjustable DPI:** Sensitivity levels up to 6400 DPI, customizable to your preference.

- **Ergonomic Design:** Crafted for comfort and a secure grip during prolonged gaming sessions.
- **Programmable Buttons:** 6 buttons, including the scroll wheel, for assigning custom commands and macros.
- **Customizable RGB Lighting:** Dynamic RGB LED lighting to personalize your gaming environment.
- **Rapid Response Rate:** A 1ms / 1000 Hz polling rate ensures quick and responsive input without delay.
- **Durable Construction:** Built to endure up to 10 million clicks for long-lasting performance.

## 4. SETUP GUIDE

### 4.1 Connecting the Mouse

The Acer Nitro NMW101 gaming mouse utilizes a standard USB Type-A connection for universal compatibility.

1. Locate an available USB Type-A port on your computer.
2. Plug the USB connector of the mouse firmly into the chosen USB port.
3. Your operating system (Windows 7, 8, 8.1, or 10) will automatically detect the device and install the necessary drivers.
4. Once the drivers are successfully installed, the mouse is ready for immediate use.

## 5. OPERATING INSTRUCTIONS

### 5.1 Button Functions

The Acer Nitro NMW101 is equipped with 6 programmable buttons, each serving a specific function:

- **Left Click Button:** Performs the primary click action.
- **Right Click Button:** Performs the secondary click action.
- **Scroll Wheel:** Allows for vertical scrolling and functions as a clickable middle button.
- **DPI Adjustment Buttons:** Typically located behind the scroll wheel, these buttons cycle through various preset DPI sensitivity levels.
- **Side Buttons (Forward/Backward):** Positioned on the left side of the mouse, these are commonly used for browser navigation or can be customized for in-game actions.



Figure 2: Side view of the mouse, highlighting the side buttons and ergonomic shape.



Figure 3: Angled top view, illustrating the main click buttons, scroll wheel, and DPI adjustment buttons.

## 5.2 Adjusting DPI Sensitivity

The mouse supports adjustable DPI settings up to 6400 DPI. To change the sensitivity, press the dedicated DPI adjustment buttons. Each press will cycle through predefined DPI levels, allowing you to quickly adapt the mouse speed to different tasks or gaming scenarios.

## 5.3 Customizing RGB Lighting

The Acer Nitro NMW101 features customizable RGB LED lighting. For advanced customization of lighting effects, colors, and patterns, specific software may be required. Please visit the official Acer support website to download the latest drivers and utility software for your mouse.

## 6. SPECIFICATIONS

Detailed technical specifications for the Acer Nitro NMW101 Gaming Mouse:

| Feature        | Detail                  |
|----------------|-------------------------|
| Optical Sensor | A725F                   |
| DPI            | Up to 6400 (Adjustable) |
| Tracking Speed | 100 IPS                 |
| Acceleration   | 22.5 g                  |

| Feature                | Detail                                      |
|------------------------|---|
| Polling Rate           | 1ms / 1000 Hz                               |
| Buttons                | 6 (Programmable, including scroll wheel)    |
| Button Durability      | Up to 10 million clicks                     |
| Lighting               | RGB LEDs                                    |
| Connection             | USB Type-A cable (1 meter, durable plastic) |
| Compatibility          | Windows 7, 8, 8.1, 10                       |
| Dimensions (L x W x H) | 122.91 x 68.41 x 40.34 mm                   |
| Weight                 | 90 g  |
| Power Source           | USB Powered                                 |

## 7. MAINTENANCE

### 7.1 Cleaning Your Mouse

Regular cleaning helps maintain the optimal performance and appearance of your mouse. Always disconnect the mouse from your computer before cleaning.

- **Exterior Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the surface of the mouse. For more persistent dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaning solution. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the mouse's finish.
- **Optical Sensor Cleaning:** To ensure accurate tracking, periodically clean the optical sensor lens located on the underside of the mouse. Use a cotton swab lightly dampened with isopropyl alcohol to gently wipe the sensor lens. Allow it to dry completely before reconnecting the mouse.



Figure 4: Underside of the mouse, indicating the location of the optical sensor.

## 8. TROUBLESHOOTING

If you encounter issues with your Acer Nitro NMW101 Gaming Mouse, refer to the following troubleshooting steps:

### 8.1 Mouse Not Responding

- **Check USB Connection:** Ensure the USB cable is securely plugged into a functional USB port on your computer. Try connecting the mouse to a different USB port.
- **Restart Computer:** A simple system restart can often resolve temporary connectivity or driver issues.
- **Test on Another Computer:** If possible, connect the mouse to another computer to determine if the problem lies with the mouse itself or your computer's configuration.
- **Verify Device Manager (Windows):** On Windows, open Device Manager (search for "Device Manager" in the Start menu) and check under "Mice and other pointing devices" for any error indicators (e.g., yellow exclamation marks) next to the mouse entry. Reinstalling drivers might be necessary if errors are present.

### 8.2 DPI Adjustment Not Working

- Ensure you are pressing the correct DPI adjustment buttons, typically located behind the scroll wheel.

- If you have installed custom software for the mouse, check its settings to ensure DPI profiles are correctly configured and enabled.

### 8.3 RGB Lighting Not Functioning

- Confirm that the mouse is properly connected to your computer.
- If using custom software, ensure that the lighting effects are enabled and configured as desired within the software.

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

The Acer Nitro NMW101 Gaming Mouse is covered by a **12-month limited warranty** from the original date of purchase. This warranty covers manufacturing defects under normal use conditions. Please retain your purchase receipt or proof of purchase for any warranty claims.

### 9.2 Customer Support

For technical assistance, driver downloads, software updates, or further product support, please visit the official Acer support website or contact Acer customer service directly.

**Official Acer Website:** [www.acer.com](http://www.acer.com)