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## Lenovo G50 80E30181US

# Lenovo G50 80E30181US Laptop User Manual

Model: G50 80E30181US

## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, and maintaining your Lenovo G50 80E30181US laptop. Please read this guide thoroughly to ensure proper use and to maximize the performance and longevity of your device.

The Lenovo G50 80E30181US is a 15.6-inch laptop featuring an AMD Quad-Core A8-6410 Processor with integrated AMD Radeon R5 graphics, 6GB DDR3L memory, and a 500GB hard drive. It includes a multiformat DVD±RW/CD-RW drive and runs on Windows 8.1.



The Lenovo G50 80E30181US laptop, presented open with its 15.6-inch display and full-sized keyboard visible. The AMD A8 processor branding is visible on the palm rest.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your product package:

- Lenovo G50 80E30181US Laptop
- AC Power Adapter and Power Cord



The Lenovo G50 80E30181US laptop, open, alongside its power adapter and power cable, indicating the complete package contents.

## 3. SETUP

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### 3.1. Connecting the Power Adapter

1. Connect the power cord to the AC power adapter.
2. Plug the AC power adapter into the power connector on the side of your laptop.
3. Plug the other end of the power cord into a grounded electrical outlet.

It is recommended to fully charge the battery before initial use.

### 3.2. Initial Power On

1. Open the laptop lid.
2. Press the power button, typically located above the keyboard or on the side.
3. Follow the on-screen instructions to complete the Windows 8.1 operating system setup. This may include setting up user accounts, network connections, and system preferences.

## 4. OPERATING YOUR LAPTOP

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### 4.1. Power Management

- **Turning On:** Press the power button.
- **Shutting Down:** From the Windows desktop, navigate to the Charms bar (swipe from right or move mouse to top-right corner), select **Settings > Power > Shut down**.
- **Sleep Mode:** Close the lid or select **Sleep** from the Power options.
- **Battery:** The laptop is equipped with a Lithium Ion battery. Monitor battery status via the taskbar icon.

### 4.2. Keyboard and Touchpad

The laptop features a full-sized keyboard and a multi-touch touchpad for navigation. Refer to the on-screen Windows 8.1 tutorials for advanced touchpad gestures.

### 4.3. Optical Drive

The integrated DVD-SuperMulti drive is located on the right side of the laptop. To open the tray, press the eject button on the drive face. Insert a disc and gently push the tray back into the laptop.



A side view of the Lenovo G50 80E30181US laptop, displaying the DVD-SuperMulti drive and two USB 2.0 ports on the right side.

### 4.4. Connecting Peripherals (Ports)

The laptop includes various ports for connecting external devices:

- **USB 3.0 Ports:** One port for high-speed data transfer.
- **USB 2.0 Ports:** Two ports for connecting standard USB devices.
- **HDMI Port:** For connecting to external displays or TVs.

- **VGA Port:** For connecting to older external displays or projectors.
- **Ethernet (RJ-45) Port:** For wired network connections.
- **Audio Jack:** For headphones or external speakers.



A side view of the Lenovo G50 80E30181US laptop, highlighting the left-side ports including the VGA port, Ethernet port, HDMI port, and a USB 3.0 port.

#### 4.5. Wireless Connectivity

- **Wi-Fi:** Supports 802.11b/g/n standards for wireless internet access. Connect via the network settings in Windows.
- **Bluetooth 4.0:** For connecting to Bluetooth-enabled devices such as headphones, mice, or smartphones.

#### 4.6. Webcam and Microphone

The laptop includes a built-in 0.3MP webcam and microphone, suitable for video calls and online communication.

## 5. MAINTENANCE

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- **Cleaning:** Use a soft, lint-free cloth to clean the screen and exterior. Avoid harsh chemicals.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and allow the battery to discharge partially before recharging.
- **Software Updates:** Regularly check for and install operating system and driver updates to ensure optimal performance and security.
- **Storage:** Keep the laptop in a cool, dry place when not in use.

## 6. TROUBLESHOOTING

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If you encounter issues with your laptop, consider the following common solutions:

- **No Power:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Check the power indicator light.
- **Display Issues:** If the screen is blank, try adjusting the brightness or connecting an external monitor to check if the display output is working.
- **Slow Performance:** Close unnecessary applications, check for malware, or consider performing a system restore or factory reset if issues persist.
- **Network Connectivity:** Verify Wi-Fi is enabled and you are connected to the correct network. For wired connections, ensure the Ethernet cable is properly seated.
- **Peripheral Not Detected:** Ensure USB devices are properly connected. Try a different USB port.

For more complex issues, refer to the Lenovo support website or contact customer service.

## 7. SPECIFICATIONS

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Feature	Specification
Model Name	Lenovo G50 80E30181US
Processor	AMD Quad-Core A8-6410
Graphics Coprocessor	AMD Radeon R5 (Integrated)
RAM	6 GB DDR3L
Hard Drive	500 GB HDD (5400 RPM)
Optical Drive Type	DVD±RW/CD-RW (DVD-SuperMulti Drive)
Screen Size	15.6 Inches
Screen Resolution	1366 x 768 pixels
Operating System	Windows 8.1
Wireless Type	802.11b/g/n
Bluetooth	Bluetooth 4.0
USB Ports	1x USB 3.0, 2x USB 2.0
Other Ports	HDMI, VGA, Ethernet (RJ-45), Audio Jack
Webcam	Built-in 0.3MP webcam with microphone
Average Battery Life	4 Hours
Item Weight	4.6 pounds
Product Dimensions	14 x 1 x 10 inches
Color	Black

## 8. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Lenovo support website. The website provides drivers, manuals, and troubleshooting resources.

**Lenovo Support Website:** <https://support.lenovo.com>