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ASUS ASUS E510

ASUS E510 Ultra Thin and Light 15.6" HD Laptop User Manual

Model: ASUS E510

INTRODUCTION

This manual provides comprehensive instructions for the ASUS E510 Ultra Thin and Light 15.6" HD Laptop. It covers initial setup, operational guidelines, maintenance procedures, and troubleshooting tips to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using your laptop.

The ASUS E510 is designed for everyday computing, featuring an Intel Celeron N4020 processor, 4GB RAM, and a 512GB PCIe SSD for efficient performance. Its 15.6" HD display and 180° hinge offer versatility for various usage scenarios.

PACKAGE CONTENTS

Upon opening the package, verify that all items are present and in good condition:

- ASUS E510 Laptop
- Power Adapter
- HDMI Cable
- User Manual (this document)

If any items are missing or damaged, please contact your retailer or ASUS customer support.

PRODUCT OVERVIEW

Familiarize yourself with the key components and features of your ASUS E510 laptop.



Figure 1: Front view of the ASUS E510 laptop with the screen open, showcasing the display and keyboard.



Figure 2: Angled view of the ASUS E510 laptop, highlighting its slim profile and keyboard layout.



Figure 3: Detailed view of the ASUS E510 laptop with callouts for the VGA Camera, 200 nits anti-glare display, and Chiclet Keyboard.



Figure 4: The ASUS E510 laptop demonstrating its 180-degree hinge, allowing the screen to lay flat.



Figure 5: Left side view of the ASUS E510 laptop, showing the power input, HDMI port, USB 3.2 Gen 1 Type-A port, and USB 3.2 Gen 1 Type-C port.



Figure 6: Right side view of the ASUS E510 laptop, showing the USB 2.0 Type-A port and 3.5mm Combo Audio Jack.

INITIAL SETUP

1. Charging the Battery

Before first use, connect the power adapter to the laptop's power input port and a power outlet. Allow the battery to charge fully. The charging indicator light will change color or turn off when charging is complete.

2. First Boot and Windows Setup

1. Open the laptop lid.
2. Press the power button located on the keyboard to turn on the laptop.
3. Follow the on-screen instructions to complete the Windows 10 Home setup process. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.

3. Connecting Peripherals

You can connect external devices such as a mouse, keyboard, or external display using the available ports:

- **USB 2.0 Type-A:** For standard USB devices.
- **USB 3.2 Gen 1 Type-A:** For faster data transfer with compatible USB devices.
- **USB 3.2 Gen 1 Type-C:** A versatile port for data transfer and compatible accessories.
- **HDMI 1.4:** Connect to an external monitor or TV.
- **3.5mm Combo Audio Jack:** For headphones or headsets with a microphone.

OPERATING YOUR LAPTOP

Keyboard and Touchpad

The laptop features a Chiclet Keyboard for comfortable typing and a responsive touchpad for navigation. The touchpad supports multi-touch gestures for enhanced control.

Display Features

The 15.6" HD (1366 x 768) display is anti-glare, reducing reflections for better viewing comfort. The 180° hinge allows the screen to lay completely flat, useful for sharing content or adjusting viewing angles.

Wireless Connectivity

Your laptop supports 802.11ac Wi-Fi for high-speed internet access and Bluetooth 4.1 (Dual band) for connecting wireless peripherals like headphones or speakers.

- **Connecting to Wi-Fi:** Click the Wi-Fi icon in the taskbar, select your network, enter the password, and click Connect.
- **Pairing Bluetooth Devices:** Go to Windows Settings > Devices > Bluetooth & other devices, turn on Bluetooth, and follow the instructions to pair your device.

Power Management

To conserve battery life, utilize Windows power settings. You can adjust screen brightness, set sleep timers, and choose power plans for optimal performance or energy saving.

- **Sleep Mode:** Press the power button briefly or close the lid.
- **Shut Down:** Click Start > Power > Shut down.
- **Restart:** Click Start > Power > Restart.

MAINTENANCE AND CARE

Cleaning the Laptop

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Do not spray liquid directly onto the screen.
- **Keyboard and Chassis:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring no liquid enters openings.
- **Ports:** Use compressed air to gently clear dust from ports.

Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods, with the battery charged to about 50%.
- Use only the original ASUS power adapter.

Software Updates

Regularly update your Windows operating system and drivers to ensure optimal performance and security. Go to Windows Settings > Update & Security > Windows Update to check for updates.

TROUBLESHOOTING

Problem	Possible Solution
Laptop does not power on.	Ensure the power adapter is securely connected and the power outlet is functional. Try charging the battery for at least 30 minutes before attempting to power on again.
No Wi-Fi connection.	Check if Wi-Fi is enabled in Windows settings. Restart your router and the laptop. Ensure you are within range of a Wi-Fi network.
Slow performance.	Close unnecessary applications. Check for background processes using Task Manager. Ensure Windows and drivers are up to date. Consider running a disk cleanup.
Screen is blank or flickering.	Try adjusting screen brightness. Connect an external monitor to check if the issue is with the laptop's display. Restart the laptop.
Keyboard or touchpad not responding.	Restart the laptop. Check for driver updates in Device Manager. If using an external keyboard/mouse, ensure they are properly connected.

If the problem persists after trying these solutions, please contact ASUS customer support for further assistance.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	ASUS E510 Ultra Thin and Light
Processor	Intel Celeron N4020 (up to 2.80GHz Turbo Frequency, 4MB Cache)
Graphics	Intel UHD Graphics 600
Display	15.6" HD (1366 x 768) Anti-glare, 200 nits, 45% NTSC, 180° Hinge
RAM	4GB DDR4 RAM
Storage	512GB PCIe SSD
Operating System	Windows 10 Home 64-bit
Keyboard	Chiclet Keyboard
Wireless Connectivity	802.11ac Wi-Fi, Bluetooth 4.1 (Dual band) 1x1
Ports	1 x USB 2.0 Type-A, 1 x USB 3.2 Gen 1 Type-A, 1 x USB 3.2 Gen 1 Type-C, 1 x HDMI 1.4, 1 x 3.5mm Combo Audio Jack
Battery	42 WHrs, 3S1P, 3-cell Li-ion

Feature	Detail
Dimensions (LxWxH)	14.18" x 9.31" x 0.71"
Weight	3.59 lbs (battery included)
Color	Star Black

WARRANTY AND SUPPORT

Warranty Information

Your ASUS E510 laptop comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official ASUS support website for detailed terms and conditions regarding warranty coverage and duration.

Customer Support

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

- **ASUS Support Website:** www.asus.com/support/
- Refer to your product packaging or the ASUS website for regional contact numbers and service centers.

When contacting support, please have your laptop's serial number ready. The serial number is typically located on a sticker on the bottom of the laptop.

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This manual is for informational purposes only. Specifications are subject to change without notice.