Acer AMD Ryzen 3 7320U

Acer Aspire 3 Slim Laptop User Manual - Model AMD Ryzen 3 7320U

1. PRODUCT OVERVIEW

The Acer Aspire 3 Slim Laptop is designed for everyday computing tasks, offering a balance of performance and portability. It features an AMD Ryzen 3 7320U processor, a 15.6-inch Full HD IPS display, 8GB of LPDDR5 RAM, and a 512GB PCIe SSD. The laptop operates on Windows 11 Home in S Mode, providing a streamlined and secure user experience. Its design emphasizes ease of use and efficient multitasking.

Image 1.1: Front view of the Acer Aspire 3 Slim Laptop, showcasing the display and keyboard.

Image 1.2: The laptop display highlighting the AMD Ryzen processor and Radeon Graphics capabilities.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Acer Aspire 3 Slim Laptop
- AC Power Adapter
- Battery (integrated)

3. INITIAL SETUP

3.1 Connecting Power

1. Connect the AC adapter to the laptop's DC-in port.
2. Plug the AC adapter into a power outlet.
3. Allow the laptop to charge for at least 30 minutes before initial use.

3.2 First Boot and Windows 11 Setup

1. Press the power button to turn on the laptop.
2. Follow the on-screen instructions to complete the Windows 11 Home in S Mode setup. This includes selecting your region, keyboard layout, connecting to a Wi-Fi network, and setting up your Microsoft account.
3. Windows 11 Home in S Mode is designed for security and performance, primarily using apps from the Microsoft Store. You can switch out of S Mode if needed, but this action is irreversible.

1 - USB Type-C Port USB 3.2 Gen 2 (up to 10 Gbps)
DisplayPort over USB Type-C & USB Charging

1 - HDMI™ 2.1 Port with HDCP support

2 - USB 3.2 Gen 1 Ports

Image 3.1: Side view of the laptop illustrating the available ports, including USB Type-C, USB 3.2 Gen 1, and HDMI 2.1.

4. OPERATING YOUR LAPTOP

4.1 Power On/Off

- **Power On:** Press the power button located on the keyboard.
- **Power Off:** Click the Start button, then Power > Shut down. Alternatively, press and hold the power button for a few seconds to force a shutdown (not recommended for regular use).

4.2 Display

The laptop features a 15.6-inch Full HD (1920 x 1080) IPS display, providing clear visuals and wide viewing angles.

Image 4.1: Visual representation of the 1920x1080 Full HD and IPS display technology.

4.3 Keyboard and Touchpad

Utilize the full-size keyboard for typing and the precision touchpad for navigation. The touchpad supports multi-touch gestures for enhanced control.

4.4 Connectivity

- **Wi-Fi 6 (802.11ax):** Connect to wireless networks for internet access. The laptop supports 2x2 MU-MIMO technology for a stable connection.
- **USB Ports:** Includes one USB Type-C Port (USB 3.2 Gen 2, up to 10 Gbps, with DisplayPort over USB Type-C & USB Charging) and two USB 3.2 Gen 1 Ports for connecting peripherals.
- **HDMI:** One HDMI 2.1 Port with HDCP support for connecting to external displays.
- **Audio Jack:** A single Headphone/Speaker/Line-Out Jack for audio output.

4.5 Camera and Audio

- **HD Front-Facing Camera:** Features Acer's TNR (Temporal Noise Reduction) technology for improved image quality in low-light conditions during video calls.
- **Acer PurifiedVoice:** Equipped with AI Noise Reduction technology to filter out background noise for

clear communication during online meetings.

5. MAINTENANCE AND CARE

5.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and exterior surfaces.
- Avoid using harsh chemicals or abrasive cleaners.
- For the display, use a screen-specific cleaner if necessary, applied to the cloth, not directly to the screen.

5.2 Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place when not in use for extended periods.

5.3 Thermal Management

The Acer Aspire 3 features an improved thermal system with a larger fan surface area, enhancing cooling efficiency. To ensure optimal performance and prevent overheating:

- Ensure ventilation openings are not obstructed.
- Use the laptop on a hard, flat surface rather than soft materials like blankets or pillows.
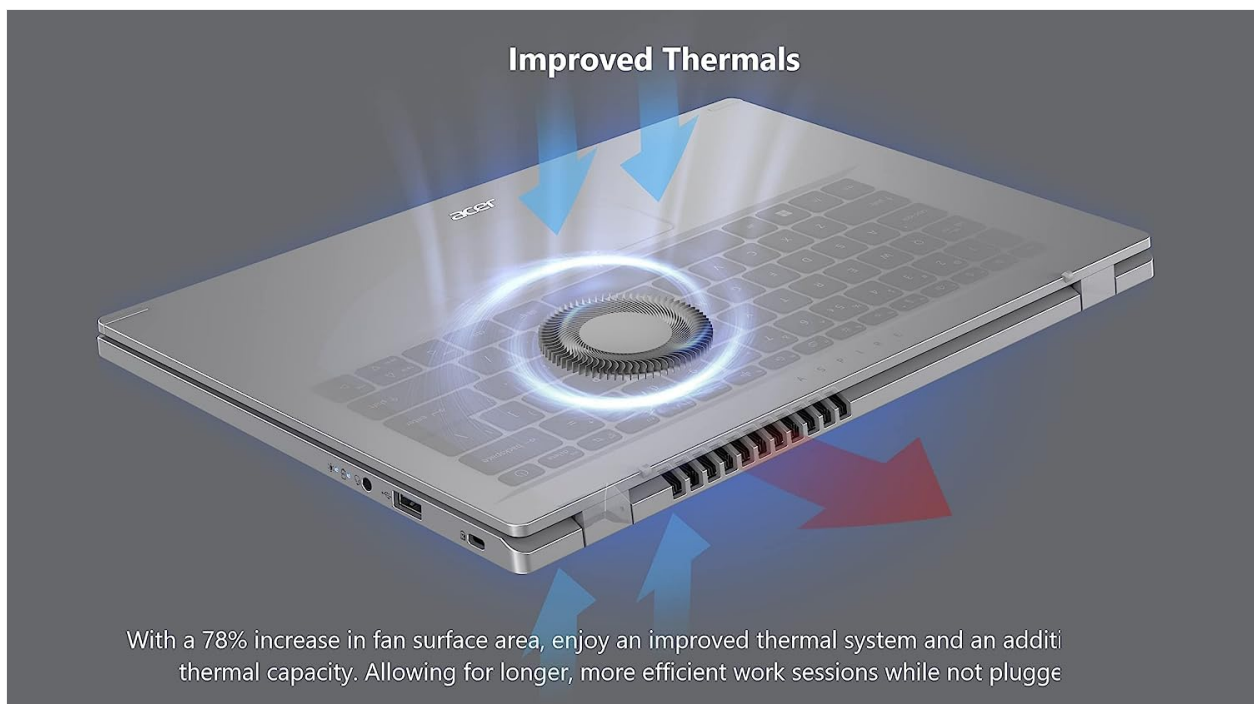

Image 5.1: Illustration of the improved thermal system and airflow within the laptop.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

6.1 No Power / Laptop Not Turning On

- Ensure the AC adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.

- If the battery is completely drained, allow it to charge for at least 30 minutes before attempting to power on.

6.2 Display Issues

- If the screen is blank, try adjusting the display brightness using the function keys (Fn + F3/F4, or similar icons).
- If an external monitor is connected, ensure the correct display output is selected (Fn + F5, or similar icons).
- Restart the laptop.

6.3 Wi-Fi Connectivity Problems

- Ensure Wi-Fi is enabled in Windows settings.
- Restart your wireless router and modem.
- Check if other devices can connect to the same Wi-Fi network.
- Update Wi-Fi drivers through Windows Update or Acer's support website.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Acer Aspire 3
Item Model Number	AMD Ryzen 3 7320U
Display Size	15.6 Inches
Screen Resolution	1920 x 1080 pixels (Full HD IPS)
Processor	AMD Ryzen 3 7320U (up to 4.1 GHz)
RAM	8GB LPDDR5
Storage	512GB PCIe SSD
Graphics	AMD Radeon Graphics (Integrated)
Wireless Connectivity	Wi-Fi 6 (802.11ax), 2x2 MU-MIMO
Ports	1x USB Type-C (USB 3.2 Gen 2, DisplayPort, USB Charging), 2x USB 3.2 Gen 1, 1x HDMI 2.1, 1x Headphone/Speaker/Line-Out Jack
Operating System	Windows 11 Home in S Mode
Dimensions (LxWxH)	14.29 x 9.35 x 0.74 inches
Item Weight	6 pounds

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product includes a standard manufacturer's warranty. Additionally, a 1-year standard warranty is provided specifically for the upgraded SSD component.

8.2 Customer Support

For further assistance, technical support, or detailed warranty information, please visit the official Acer support website or contact their customer service. Refer to the documentation included with your product for specific contact details.