

acer A315-24P-R2SC

Acer Aspire 3 A315-24P-R2SC Slim Laptop User Manual

Model: A315-24P-R2SC

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Acer Aspire 3 A315-24P-R2SC Slim Laptop. Designed for practical multitasking and productivity, this laptop features the AMD Ryzen™ 7000 Series Processor and a 15.6" Full HD IPS display. Please read this manual thoroughly to ensure optimal performance and longevity of your device.



Figure 1: Acer Aspire 3 A315-24P-R2SC Slim Laptop

2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- Acer Aspire Laptop

- AC Adapter
- Power Cord

3. PRODUCT OVERVIEW

3.1. Design and Display

The Aspire 3 features a thin and light design, making it portable for various environments. The 15.6" Full HD IPS display offers sharp details and crisp colors with narrow bezels for an enhanced viewing experience.



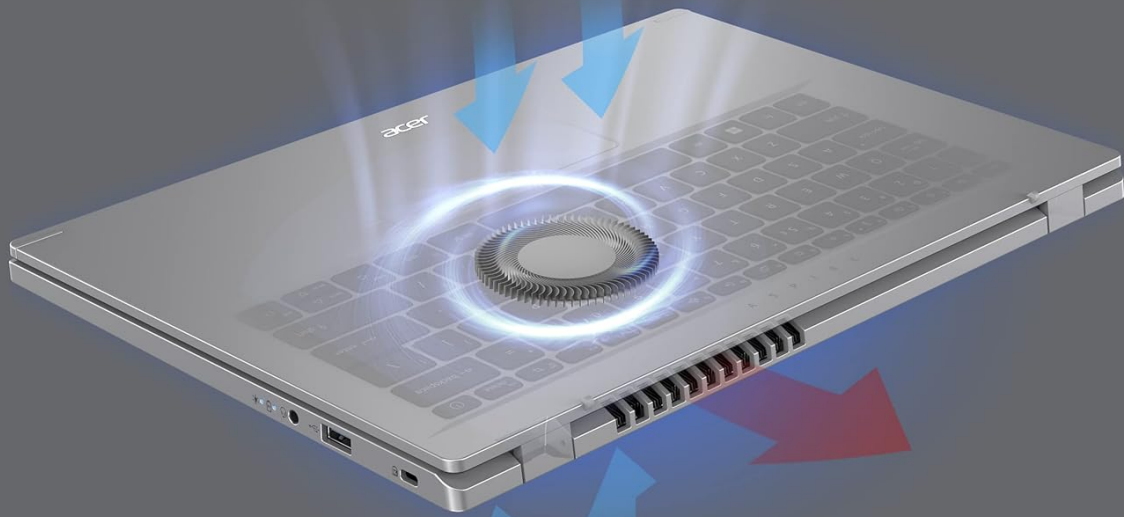
Figure 2: 15.6" Full HD IPS Display

3.2. Ports and Connectivity

The laptop is equipped with various ports for connecting peripherals and external displays.

- 1 x USB Type-C Port (USB 3.2 Gen 2, up to 10 Gbps, DisplayPort over USB Type-C & USB Charging)
- 2 x USB 3.2 Gen 1 Ports
- 1 x HDMI 2.1 Port with HDCP support
- 1 x Headphone/Speaker/Line-Out Jack
- DC-in for AC adapter

Improved Thermals



With a 78% increase in fan surface area, enjoy an improved thermal system and an additional thermal capacity. Allowing for longer, more efficient work sessions while not plugged in.

Figure 3: Left Side Ports



Figure 4: Right Side Ports

3.3. Thermal System

The improved thermal system, with a 78% increase in fan surface area, provides an additional 17% thermal capacity. This allows for longer, more efficient work sessions without being plugged in.



Ready-to-Go Performance

The Aspire 3 is ready-to-go with the latest AMD Ryzen™ 5 7520U Processor with Radeon™ Graphics—ideal for the entire family, with performance and productivity at the core. Perfect to get more out of work, study, or play.



Figure 5: Improved Thermal Design

3.4. Webcam and Audio

The HD front-facing camera utilizes Acer's TNR (Temporal Noise Reduction) technology for high-quality imagery in low-light conditions. Acer PurifiedVoice technology with AI Noise Reduction filters out background sound for clear communication during online meetings.

4. INITIAL SETUP

1. **Unpack the Laptop:** Carefully remove the laptop and all accessories from the packaging.
2. **Connect Power:** Plug the AC adapter into the laptop's DC-in port and then into a power outlet.
3. **Power On:** Open the laptop lid and press the power button. The laptop will begin its initial boot sequence.
4. **Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Home setup, including language, region, network connection, and user account creation.

5. OPERATING INSTRUCTIONS

5.1. Performance and Multitasking

The Acer Aspire 3 is powered by the AMD Ryzen 5 7520U Quad-Core Processor with AMD Radeon Graphics, 8GB LPDDR5 RAM, and a 256GB NVMe SSD. This configuration ensures smooth performance for everyday tasks, productivity applications, and light multimedia use.



Figure 6: AMD Ryzen Processor and Radeon Graphics

5.2. Wireless Connectivity

Enjoy a smooth internet experience with Wireless Wi-Fi 5 (802.11ac), offering connection speeds up to three times faster than previous generations. Bluetooth connectivity is also available for wireless peripherals.



Figure 7: Wireless Wi-Fi 5 Connectivity

5.3. Windows 11 Features

The laptop comes with Windows 11 Home, offering a modern interface and enhanced features for productivity and organization.



Figure 8: Windows 11 Home Interface

5.4. Official Product Videos

Acer Aspire 3 A315-24P Product Overview

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Video 1: A detailed product video showcasing the features and design of the Acer Aspire 3 A315-24P laptop.

Acer Aspire 3 A315-24P and A315-24PT 360 Degree View

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Video 2: A 360-degree view of the Acer Aspire 3 A315-24P and A315-24PT models, highlighting their physical design and ports.

Microsoft 365 - Powerful Tools

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Video 3: An overview of Microsoft 365 tools, demonstrating how they can enhance productivity and organization on your Windows 11 device.

Windows 11 Cloud File Backup

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Video 4: Demonstrates the cloud file backup feature in Windows 11, ensuring your photos, documents, and other files are protected.

Windows 11 Centralized Universal Search

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Video 5: Explains the centralized universal search functionality in Windows 11, simplifying the process of finding information on your PC and the web.

6. MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and exterior. Avoid harsh chemicals.
- **Software Updates:** Regularly update your Windows operating system and drivers to ensure optimal performance and security.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently.
- **Storage Management:** Periodically clear unnecessary files and applications to maintain system speed and free up storage space.

7. TROUBLESHOOTING

7.1. Common Issues

- **Laptop not powering on:** Ensure the AC adapter is securely connected and the power outlet is functional. Try a different outlet.
- **Slow performance:** Close unnecessary applications, check for background processes, and ensure sufficient free storage space. Run system diagnostics.
- **Wi-Fi connectivity issues:** Restart your router and laptop. Check Wi-Fi settings and ensure drivers are updated.
- **Screen display problems:** Adjust brightness settings. If the screen remains blank, try connecting to an external monitor to diagnose.

7.2. Contact Support

If issues persist, refer to the Acer support website or contact customer service for further assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	acer
Model Name	A315-24P-R2SC
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 pixels (Full HD)
Processor	AMD Ryzen 5 7520U Quad-Core (4.3 GHz max)
RAM	8 GB LPDDR5
Memory Speed	2400 MHz

Hard Drive	256 GB NVMe SSD
Graphics Coprocessor	AMD Radeon™ Graphics (Integrated)
Wireless Type	802.11ac (Wi-Fi 5), Bluetooth
USB 3.0 Ports	3 (including 1 USB Type-C)
HDMI Port	1 (HDMI 2.1 with HDCP support)
Operating System	Windows 11 Home
Item Weight	3.92 pounds
Product Dimensions	14.29 x 0.74 x 9.35 inches
Color	Silver
Batteries	1 Lithium Ion battery (included)

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Acer support website. The website also provides access to drivers, FAQs, and additional support resources.

Online Support: www.acer.com/support