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> [Acer Aspire Laptop User Manual: AMD Ryzen 7-5700U, 15.6-inch FHD, Windows 11 Pro](#)

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Acer Aspire Laptop User Manual

Model: Aspire (AMD Ryzen 7-5700U, 15.6-inch FHD, Windows 11 Pro)

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Acer Aspire Premium Laptop. Please read this guide thoroughly to ensure proper use and to maximize the performance and longevity of your device.

The Acer Aspire laptop is designed for productivity and entertainment, featuring an AMD Ryzen 7-5700U processor, 16GB DDR4 RAM, a 1TB PCIe NVMe M.2 Solid State Drive, and a 15.6-inch Full HD (1920 x 1080) display. It comes pre-installed with Windows 11 Pro and offers robust connectivity options including Wi-Fi 6 and an Ethernet port.



Figure 1.1: Acer Aspire Premium Laptop overview.

2. WHAT'S IN THE BOX

Carefully unpack your Acer Aspire laptop and ensure all items are present:

- Acer Aspire Premium Laptop
- Power Adapter
- WOWPC System Recovery USB (for Windows 11 reinstallation)



Figure 2.1: WOWPC Windows 11 System Recovery USB. This USB drive is provided for system reinstallation purposes.

3. SETUP

3.1 Initial Power On

1. Connect the power adapter to the laptop's power port and then to an electrical outlet.
2. Open the laptop lid.
3. Press the power button, typically located on the keyboard or side of the laptop.
4. Follow the on-screen instructions to complete the initial Windows 11 Pro setup, including language, region, network connection, and user account creation.

3.2 Connecting Peripherals

Your laptop supports various external devices. Refer to the 'Operating Your Laptop' section for port details.



Figure 3.1: Acer Aspire laptop ready for initial setup.

4. OPERATING YOUR LAPTOP

4.1 Power Management

- **Sleep Mode:** Close the lid or press the power button briefly.
- **Shut Down:** Go to Start > Power > Shut down.
- **Restart:** Go to Start > Power > Restart.

4.2 Keyboard and Touchpad

The laptop features a full-size, non-backlit US English keyboard and a precision touchpad for navigation. Use standard Windows gestures for multi-touch functionality on the touchpad.

4.3 Display

The 15.6-inch FHD (1920 x 1080) Acer ComfyView LED-backlit display offers clear visuals. Adjust brightness using the function keys (Fn + F3/F4) or through Windows display settings.

4.4 Audio

The laptop includes 2 x 1.5W stereo speakers. Adjust volume using the function keys (Fn + F8/F9/F10) or the Windows volume control.

4.5 Webcam

A built-in HD webcam with 1280 x 720 resolution supports 720p HD audio/video recording for video calls and conferences.

4.6 Connectivity

Your Acer Aspire laptop offers a range of ports and wireless connectivity options:

- **Wi-Fi 6:** For high-speed wireless internet access.
- **Bluetooth 5.2:** For connecting wireless peripherals.
- **Ethernet Port (RJ-45):** For wired network connections.
- **USB Ports:**
 - 1 x USB 3.2 Gen1 (Type A)
 - 2 x USB 2.0 (Type A)
 - 1 x USB 3.2 Gen2 (Type C)
- **HDMI Port:** For connecting to external displays.
- **Headphone / Mic Combo Jack:** For audio input/output.
- **MicroSD Media Card Reader:** For accessing data from memory cards.

Effortless Productivity

Tackle demanding tasks, creative projects, and heavy workloads without lag.



USB Type C



HDR Webcam



**9.50 Hours
Maximum Battery Run Time**

Figure 4.1: Left side ports including power, Ethernet, HDMI, USB-A, and USB-C.



Consistently Outstanding Performance

Aspire 3 is equipped with powerful processors and excellent graphics, making it perfect for work, study, or play—ideal for the whole family.

Figure 4.2: Right side ports including USB-A, headphone jack, and security lock slot.

5. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and chassis. Avoid harsh chemicals.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. The laptop offers up to 9 hours of battery life.
- **Storage:** Store the laptop in a cool, dry place when not in use.
- **Thermal Management:** Ensure proper airflow around the laptop to prevent overheating. The laptop features improved thermals with increased fan surface area and thermal capacity.



The Connectivity

HDMI Outputs x 1

USB 3.2 Gen 1 Type-A Ports x 3

USB 3.2 Gen 2 Type-C Ports x 1

Network (RJ-45)

Figure 5.1: Illustration of the laptop's improved thermal design.

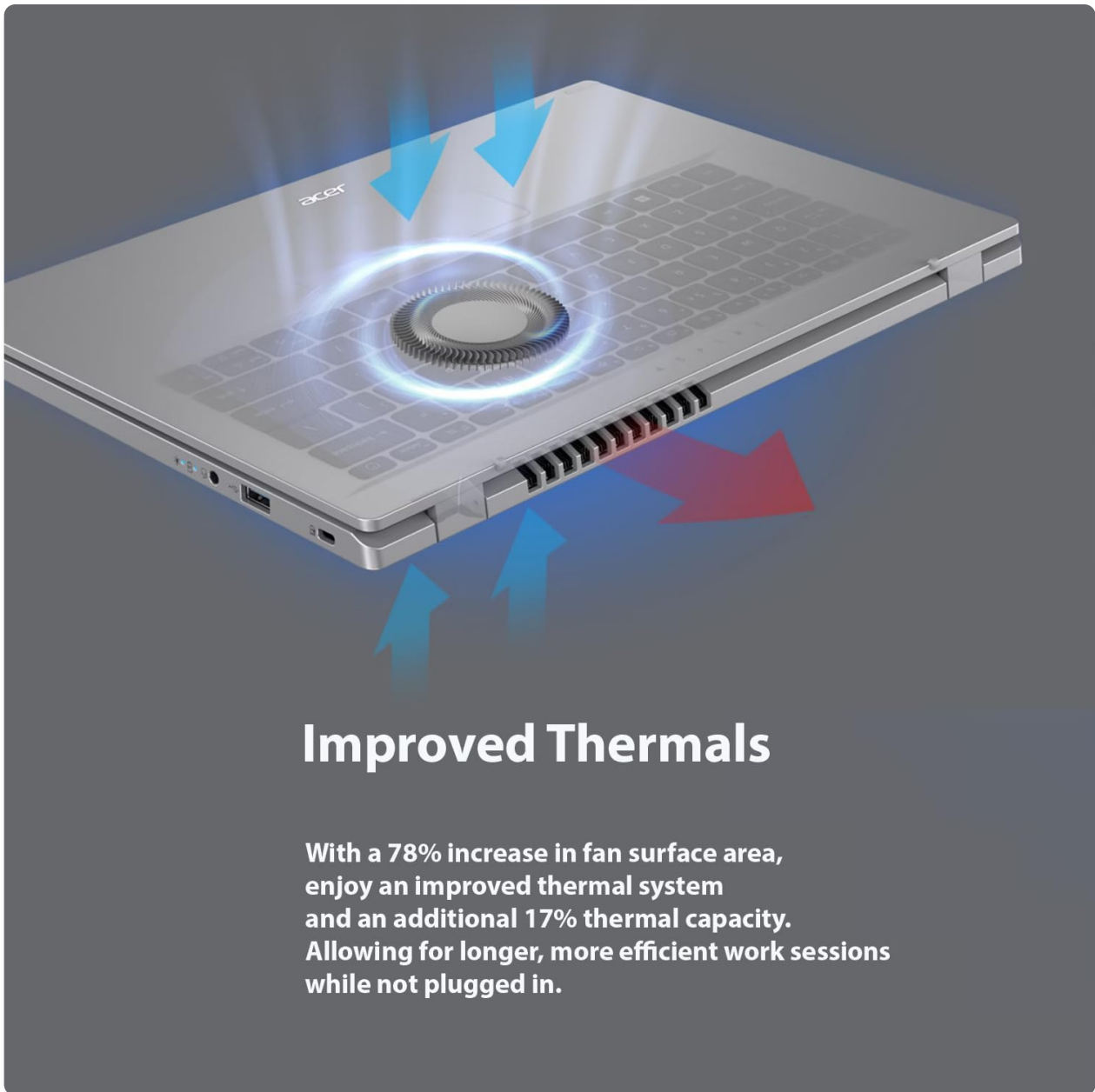


Figure 5.2: Acer BlueLightShield technology helps reduce eye strain during extended use.

6. TROUBLESHOOTING

This section addresses common issues you might encounter:

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a working electrical outlet. Try a different outlet.
- **Display Issues:** If the screen is blank, try adjusting the brightness (Fn + F3/F4). Connect an external monitor to check if the laptop's display is the issue.
- **No Wi-Fi Connection:** Check if Wi-Fi is enabled in Windows settings. Restart your router and the laptop.
- **Audio Problems:** Verify volume levels in Windows and check if headphones are properly connected. Update audio drivers if necessary.
- **Slow Performance:** Close unnecessary applications. Check for background updates. Ensure sufficient free space on the SSD.

7. TECHNICAL SPECIFICATIONS

Component	Specification
Processor	AMD Ryzen 7 5700U (8-Core, up to 4.3 GHz)
Graphics	AMD Radeon Graphics
Operating System	Windows 11 Pro
Memory (RAM)	16GB DDR4 SDRAM
Storage	1TB PCIe NVMe M.2 Solid State Drive
Display	15.6" FHD (1920 x 1080) Acer ComfyView LED-backlit
Wireless Connectivity	Wi-Fi 6, Bluetooth 5.2
Ports	1x USB 3.2 Gen1 Type-A, 2x USB 2.0 Type-A, 1x USB 3.2 Gen2 Type-C, 1x HDMI, 1x Ethernet (RJ-45), 1x Headphone/Mic Combo, 1x MicroSD Reader
Webcam	HD Webcam (1280 x 720, 720p HD recording)
Audio	2 x 1.5W Stereo Speakers
Battery Life	Up to 9 Hours
Dimensions (L x W x H)	14.19 x 9.42 x 0.78 inches
Weight	3.92 lbs
Color	Silver



Acer BlueLightShield

Reduce eye strain with Acer's BlueLightShield™ technology, making extended screen time more comfortable for everyone.



Figure 7.1: Key internal components and operating system.

8. WARRANTY AND SUPPORT

Your Acer Aspire laptop comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the official Acer support website. For technical assistance, driver downloads, or service inquiries, please contact Acer customer support.