Aspire 3

Windows 11

intel. CORE i3

LPDDR5
Faster Data Transit

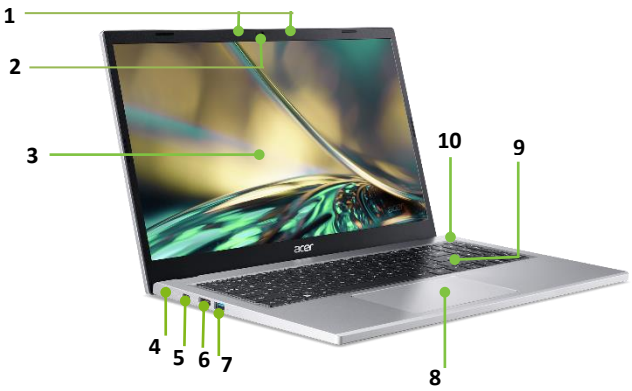
TNR
Acer TNR Solution

Acer PurifiedVoice™

USB 3.2
Reversible
Type-C Connector

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

NX.KDHAL.003 Aspire 3 15 A315-510P-37JT Silver



Product views	**1.** Microphones **2.** Webcam **3.** 15.6" display **4.** DC-in jack for power adapter **5.** USB Type-C port with DC-in **6.** HDMI® port **7.** USB 3.2 port **8.** Touchpad	**9.** Keyboard **10.** Power button **11.** Power indicator **12.** Battery indicator **13.** Headset/speaker jack **14.** USB 3.2 port **15.** Kensington lock slot
Operating system[1]	**Windows 11 Home**	
CPU and chipset[1]	**Intel® Core™ i3-N305** processor	
Memory[1,2,3]	Single-channel SDRAM 8 GB of onboard LPDDR5 system memory	
Display[4]	15.6" FHD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD • 16:9 aspect ratio • Ultra-slim design • Mercury free, environment friendly	
Graphics[1, 5]	**Intel® UHD Graphics**	
Audio	• Acer Purified.Voice technology with AI noise reduction in dual built-in microphones. Features include far-field pickup, dynamic noise reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes. • Compatible with Cortana with Voice • Two built-in stereo speakers	
Storage[1,6]	**SSD:** 512 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe	
Webcam[1]	**Video conferencing UFC with** • T-Type HD camera • Compatible with Windows	• 1280 x 720 resolution • 720p HD video at 30 fps with Temporal Noise Reduction • Blue Glass lens
Wireless and networking[1]	**WLAN:** • 802.11ac+ax wireless LAN • Dual Band (2.4 GHz and 5 GHz) • Bluetooth® 5.0	• Intel® Wireless-AX wireless LAN • Dual Band (2.4 GHz and 5 GHz)
Dimensions and weight [7,8]	**Dimensions:** • 362.9 (W) x 237.5 (D) x 18.9 (H) mm (14.29 x 9.35 x 0.74 inches) **Weight:** • 1.7 kg (3.75 lbs.) with 3-cell battery pack	
Power adapter and battery [9,10,11]	**Power adapter** 3-pin 45 W AC adapter **Battery** 40 Wh 3-cell Li-ion battery	**Battery life:** Up to 10 hours (based on video playback test results) Up to 10 hours (based on web browsing test results)
Input and control	**Keyboard:** 99-/100-/103-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute **Media Keys:** Media control keys (printed on keyboard): volume up, volume down **TouchPad:** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification • Moisture resistant	
Windows Desktop apps[12]	• Acer Care Center • Acer Product Registration	• Quick Access
Warranty	One-year International Travelers Warranty (ITW)	

1. Specifications vary depending on model.
2. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.
3. Memory speed may vary, depending on the CPU, chipset or memory fitted
4. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
5. Not all features indicated are supported on all SKUs.
6. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
7. Minor variations in system dimensions are possible due to the manufacturing process.
8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
9. Listed battery life is based on testing using video playback. The test clip loops and continues to run, without interruption or any other inputs, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: Intel® Processor N100, Intel® UHD Graphics, FHD, SSD only, 4GB of LPDDR5 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
10. Listed battery life is based on testing using Web browsing. The test clip loops the loading of 50 selected websites using Microsoft Edge every 30 seconds, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: Intel® Processor N100, Intel® UHD Graphics, FHD, SSD only, 4GB of LPDDR5 memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.
11. The listed battery life is tested by Google according to this formula (the test loops and continues running until the battery is drained): The first 60% of the test period is 1) Browsing: A new web page is loaded every minute. The web page is scrolled down to the first "page fold" (the bottom of the part of a web page that is visible on an average screen – a depth of around 600 pixels) every 10 seconds, then scrolled back up at the same rate. The next 20% of the test period is 2) Email: Gmail is loaded in the foreground tab and audio is streamed from a background tab. The next 10% is 3) Documents: Various Google Docs are loaded. The final 10% is 4) Online Video: A full-screen 480p YouTube video is played.
12. Bundled software may vary depending on hardware configuration, OS and regional availability.

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.
As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.
© 2022. All rights reserved.
Microsoft and Windows are registered trademarks of Microsoft Corporation.
Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Arc graphics, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Intel Evo, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Inside, Intel Agilex, Arria, Cyclone, Movidius, eASIC, Ethernet, Iris, Killer, MAX, Select Solutions, Si Photonics, Stratix, Tofino, and Intel Optane are trademarks of Intel Corporation or its subsidiaries.

About Acer
Founded in 1976, Acer is one of the world's top ICT companies with a presence in more than 160 countries. As Acer evolves with the industry and changing lifestyles, it is focused on enabling a world where hardware, software and services will fuse with one another, creating ecosystems and opening up new possibilities for consumers and businesses alike. Acer's 7,500 employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.