Aspire A315-43 Specifications (v3-0-3)

Category		Description	Footnotes
Operating system	1	Windows 11 Home	
CPU and chipset	1	**AMD Ryzen™ 7 5700U** octa-core processor (up to 4 MB L2 cache, up to 8 MB L3 cache, 1.8 GHz with Precision Boost up to 4.3 GHz) **AMD Ryzen™ 5 5500U** hexa-core processor (up to 3 MB L2 cache, up to 8 MB L3 cache, 2.1 GHz with Precision Boost up to 4.0 GHz) **AMD Ryzen™ 3 5300U** quad-core processor (up to 2 MB L2 cache, up to 4 MB L3 cache, 2.6 GHz with Precision Boost up to 3.85 GHz)	
Memory	1, 2, 3	Dual-channel DDR4 SDRAM support: • 4 GB of on board DDR4 system memory • Up to 12 GB of DDR4 system memory	3, 4
		Dual-channel DDR4 SDRAM support: • Up to 8 GB of DDR4 system memory, upgradable to 16 GB using two soDIMM modules Memory Frequency : Up to 3200 MT/s	3, 4
Display		15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio, 45% NTSC color gamut Wide viewing angle up to 170 degrees Ultra-slim design Mercury free, environment friendly	5
		15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Ultra-slim design Mercury free, environment friendly	5
		15.6" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Ultra-slim design Mercury free, environment friendly	5
Graphics	1	**AMD Radeon™ Graphics**	
Audio		Two built-in stereo speakers Built-in digital microphone	
Storage		**Solid state drive** • 128 GB / 256 GB / 512 GB / 1 TB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe **Hard disk drive**	1, 6

Aspire A315-43 Specifications (v3-0-3)

		• 1 TB 2.5-inch 5400 RPM	7
Webcam	1	**Video conferencing** HD webcam with: • 1280 x 720 resolution • 720p HD audio/video recording	
Wireless and networking	1	**WLAN** • 802.11a/b/g/n/ac wireless LAN • Dual Band (2.4 GHz and 5 GHz) • 2x2 MU-MIMO technology • Supports Bluetooth® 5.0 and later **WPAN** • Bluetooth® 5.0 **LAN** • Gigabit Ethernet, Wake-on-LAN ready	1
Security		Firmware Trusted Platform Module (TPM) solution BIOS user, supervisor, HDD passwords Kensington lock slot	
Dimensions and weight	8, 9	**Dimensions** • 363.4 (W) x 250.5 (D) x /19.9 (H) mm (14.31 x 9.86 x /0.78 inches) **Weight** • 1.81 kg (3.99 lbs.) with 3-cell battery pack	
Power adapter and battery	10	**Power adapter** 3-pin 45 W AC adapter: • 94 (W) x 39 (D) x 26.5 (H) mm (3.70 x 1.54 x 1.04 inches) • 142 g with 150 cm DC cable 3-pin 45 W AC adapter • 95.0 (W) x 38.0 (D) x 25.4 (H) mm (3.74 (W) x 1.50 (D) x 1.00 (H) inches) • 150 g with 150 cm DC cable **Battery** • 40 Wh 3-cell Li-ion battery (for models with HD Panel + HDD + SSD) Battery life: Up to 9 hours (based on MobileMark® 2018 test results) Up to 10.5 hours (based on video playback test results)	11
Input and control		**Keyboard** 100-/101-/104-key FineTip keyboard with independent numeric keypad, international language support, and power button **Media Keys** Media control keys (printed on keyboard): volume up, volume down **TouchPad** Slide Module - reversible backlit multi-gesture touchpad and full numeric keypad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands	

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	• Microsoft Precision Touchpad certification	
Input and output	**USB Standard A** Three USB Standard-A ports, supporting: • One port for USB 2.0 • Two ports for USB 3.2 Gen 1 HDMI® 2.0 port with HDCP support 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone DC-in jack for AC adapter Ethernet (RJ-45) port	
Windows 12 **Desktop Apps**	**In-House** • Acer Care Center • Acer Product Registration • Quick Access **Security** • PC Manager	
Options and accessories	**Accessory** 3-pin 45 W AC adapter	
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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
6. 1 GB is 1 billion bytes, 1 TB is 1000 GB. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
7. 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.
8. Minor variations in system dimensions are possible due to the manufacturing process.
9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
10. 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: 2nd Gen AMD Ryzen™ 3, HD, HDD + SSD, 8GB of DDR4 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
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.

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.

Appendix

v3-0-3 (Ver. 2)

Input and output