Aspire AG15-31P Specifications (v5-0-5)

Category	Description	Footnotes
Operating system 1	Windows 11 Home Windows 11 Home (S mode)	
CPU and chipset 1	**Intel® Core™ i3-N305** processor (6 MB Smart Cache, 1.8 GHz with Intel® Turbo Boost Technology 2.0 up to 3.8 GHz) **Intel® Processor N200** (6 MB Smart Cache, 1.0 GHz with Intel® Turbo Boost Technology 2.0 up to 3.7 GHz) **Intel® Processor N100** (6 MB Smart Cache, 0.8 MHz with Intel® Turbo Boost Technology 2.0 up to 3.4 GHz)	
Memory 1, 2, 3	Single-channel LPDDR5 SDRAM support • 16 GB of onboard LPDDR5 system memory Single-channel LPDDR5 SDRAM support • 8 GB of onboard LPDDR5 system memory Single-channel LPDDR5 SDRAM support • 4 GB of onboard LPDDR5 system memory Memory Frequency : Up to 4800 MT/s	
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 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	4 4
Graphics 1	**Intel® UHD Graphics** **Graphics Special Technology#** • OpenGL® 4.6 • OpenCL® 3.0 • Microsoft® DirectX® 12 • Vulkan 1.2	5
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	

Aspire AG15-31P Specifications (v5-0-5)			
		• Two built-in stereo speakers	
Storage		**Solid state drive** • 128 GB / 256 GB / 512 GB / 1 TB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe • 128 GB UFS	1, 6
Webcam	1	**Video conferencing** UFC with • T-Type HD camera • Compatible with Windows only • 1280 x 720 resolution • 720p HD video at 30 fps with Temporal Noise Reduction • Blue Glass lens • Dual Mic (33 mm + 33 mm) • 78 x 3.2 (5.2) x 3 mm	
Wireless and networking	1	**WLAN** • 802.11a/b/g/n/ac+ax wireless LAN • Dual Band (2.4 GHz and 5 GHz) • MU-MIMO technology • Supports Bluetooth 5.1 or above	
Dimensions and weight	7, 8	**Dimensions** • 362.9 (W) x 239.69 (D) x 18.9 (H) mm (14.29 x 9.44 x 0.74 inches) **Weight** • 1.75 kg (3.86 lbs.) with 3-cell battery pack	
Power adapter and battery	9, 10	**Power adapter** 3-pin 65 W AC adapter: • 95 (W) x 51 (D) x 25.4 (H) mm • 270 g with 180 cm DC cable • 3PHY DC connector **Battery** • 50 Wh 3-cell Li-ion battery • For models with Full HD Panel + SSD Battery life: Up to 8.5 hours (based on MobileMark® 2025 test results) Up to 11.5 hours (based on video playback test results) Up to 10.5 hours (based on web browsing test results)	11
Input and control		**Keyboard** 99-/100-/103-key Acer backlit keyboard with international language support, with indicators of CapsLock and F4/Microphone mute 99-/100-/103-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute **TouchPad** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification	

Aspire AG15-31P Specifications (v5-0-5)

	• Moisture resistant	
	Media Keys	
	Media control keys (printed on keyboard): volume up, volume down	
	Control Keys	
	Acer Sense Key	
	Copilot Key	
Input and output	**USB Type-C**	
	USB Type-C™ port, supporting:	
	• USB 3.2 Gen 2 (up to 10 Gbps)	
	• DisplayPort over USB-C	
	• USB charging 5 V; 3 A	
	• DC-in port 19 V; 45 W	
	USB Standard A	
	Two USB Standard-A ports, supporting:	
	• Two ports for USB 3.2 Gen 1	
	HDMI® 2.1 port with HDCP support	
	3.5 mm headphone/speaker jack, supporting headsets with built-in microphone	
Windows Desktop Apps [12]	**In-House**	
	• Acer Care Center	
	• Acer Product Registration	
	Search	
	• AcerSense	
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® Core™ i3-N305, Intel® UHD Graphics, FHD, SSD only, 16GB of LPDDR5 memory. Battery life test

Aspire AG15-31P Specifications (v5-0-5)

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® Core™ i3-N305, Intel® UHD Graphics, FHD, SSD only, 16GB of LPDDR5 memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.

11. *Actual battery life may vary considerably by specifications, depending on product model, configuration, applications, power management settings, operating conditions, and features utilized. Performance variation also arises based on components in use, which includes but is not limited to the processor, RAM capacity, storage, display and resolution, etc.*

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.
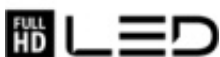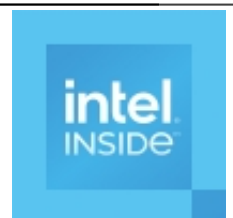
About Acer

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.

Aspire AG15-31P Specifications (v5-0-5)

Appendix

v2-0-2 (Ver. 2)

Dimensions and weight

v3-0-3 (Ver. 3)

Power adapter and battery and Battery's footnote

v4-0-4 (Ver. 4)

Software

Input and control

v5-0-5 (Ver. 5)

Power adapter and battery and Battery's footnote