Extensa 215-55 (Win11) Specifications (v8-0-8)		
Category	**Description**	**Footnotes**
Operating system 1	Windows 11 Pro (Acer recommends Windows 11 Pro for business.) Windows 11 Home	
CPU and chipset 1	**Intel® Core™ i7-1255U** processor (12 MB Smart Cache, 1.7 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.7 GHz), supporting hybrid core architecture with Performance-core and Efficient-core **Intel® Core™ i5-1235U** processor (12 MB Smart Cache, 1.3 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.4 GHz), supporting hybrid core architecture with Performance-core and Efficient-core **Intel® Core™ i3-1215U** processor (10 MB Smart Cache, 1.2 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.4 GHz), supporting hybrid core architecture with Performance-core and Efficient-core	
Memory 1, 2, 3	Dual-channel DDR4 SDRAM support: • Up to 16 GB of DDR4 system memory, upgradable to 32 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

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Graphics	**Intel® Iris® Xe Graphics**, supporting OpenGL® 4.5, OpenCL™ 2.2, Microsoft® DirectX® 12	6
	Intel® UHD Graphics, supporting OpenGL® 4.5, OpenCL™ 2.2, Microsoft® DirectX® 12	6
Audio	• Two built-in stereo speakers • Two built-in digital microphones	
Storage	**Solid state drive** • 256 GB / 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe • 128 GB / 256 GB / 512 GB / 1 TB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe **Hard disk drive** • 1 TB 2.5-inch 5400 RPM	1, 7 1, 7 8
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** • Intel® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LAN • Dual Band (2.4 GHz and 5 GHz) • 2x2 MU-MIMO technology • Supports Bluetooth® 5.0 • 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 **LAN** • Gigabit Ethernet, Wake-on-LAN ready	
Security	Firmware Trusted Platform Module (TPM) solution BIOS user, supervisor passwords, Kensington lock slot	
Dimensions and weight [1, 9, 10]	**Dimensions** • 362.9 (W) x 241.26 (D) x 19.9 (H) mm (14.29 x 9.5 x 0.78 inches) with Plastic A Cover **Weight** • 1.78 kg (3.92 lbs.) with 3-cell battery pack, one SSD • 1.863 kg (4.11 lbs.) with 3-cell battery pack, one hard drive and one SSD	

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Power adapter and battery	1, 11, 12	**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 **Battery** • 40 Wh 3-cell Li-ion battery Battery life: Up to 5.5 hours (based on MobileMark® 2018 test results) Up to 6.5 hours (based on video playback test results) Up to 5.5 hours (based on web browsing test results) (Notes: Battery life to be updated. it's just the preliminary version)	13
Input and control		**Keyboard** 99-/100-/103-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute **TouchPad** Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands • Microsoft Precision Touchpad certification • Moisture resistant • No Deadzone • Windows Hello Certification • Protecting Against Fingerprint Spoofing	
Input and output		**USB Standard A** Three USB Standard-A ports, supporting: • One port for USB 3.2 Gen 1 • 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 Ethernet (RJ-45) port DC-in jack for AC adapter	
Windows Store Apps	14	**Productivity** • Cyberlink® PhotoDirector 8 • Cyberlink® PowerDirector 14	
Windows Desktop Apps	14	**Games** • Planet9 **In-House** • Acer Care Center • Acer Configuration Manager • Acer Product Registration • Quick Access **Security**	

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	• PC Manager	
System compliance	ENERGY STAR® Wi-Fi®	
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop Shock and vibration Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures)	

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. Not all features indicated are supported on all SKUs
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. 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.
9. Minor variations in system dimensions are possible due to the manufacturing process.
10. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
11. 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: 12th Gen Intel® Core™ i7, FHD, SSD only, 16GB of DDR4 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
12. 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: 12th Gen Intel® Core™ i7, FHD, SSD only, 16GB of DDR4 memory. Battery life test

condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.

13. 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.

14. 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.
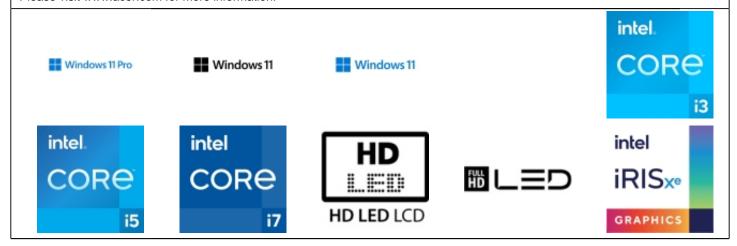
About Acer

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.

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SSD fast Data Access

MultiGesture TOUCHPAD

HƆMI HIGH-DEFINITION MULTIMEDIA INTERFACE

COMBO AUDIO JACK

energy ENERGY STAR

INTERNATIONAL TRAVELERS · 1 Year Warranty ·

Appendix

v5-0-5 (Ver. 2)

Input and output

v6-0-6 (Ver. 3)

No changes found!

v8-0-8 (Ver. 4)

Wireless and networking