



Extensa 215-23 Specifications (v2-0-1)			
Category		Description	Footnotes
<b>Operating system</b>	1	Windows 11 Home	
<b>CPU and chipset</b>	1	<p><b>AMD Ryzen™ 5 7520U</b> quad-core processor (up to 2 MB L2 cache, up to 4 MB L3 cache, 2.8 GHz with boost up to 4.3 GHz)</p> <p><b>AMD Ryzen™ 3 7320U</b> quad-core processor (up to 2 MB L2 cache, up to 4 MB L3 cache, 2.4 GHz with boost up to 4.1 GHz)</p> <p><b>AMD Athlon™ Gold 7220U</b> dual-core processor (up to 1 MB L2 cache, up to 4 MB L3 cache, 2.4 GHz with Boost up to 3.7 GHz)</p>	
<b>Memory</b>	1, 2, 3	<p>Single-channel LPDDR5 SDRAM support</p> <ul style="list-style-type: none"> <li>• 16 GB of onboard LPDDR5 system memory</li> </ul> <p>Single-channel LPDDR5 SDRAM support</p> <ul style="list-style-type: none"> <li>• 8 GB of onboard LPDDR5 system memory</li> </ul> <p>Single-channel LPDDR5 SDRAM support</p> <ul style="list-style-type: none"> <li>• 4 GB of onboard LPDDR5 system memory</li> </ul> <p>Memory Frequency : Up to 5200 MT/s</p>	
<b>Display</b>		<p>15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD</p> <p>16:9 aspect ratio, 45% NTSC color gamut</p> <p>Wide viewing angle up to 170 degrees</p> <p>Ultra-slim design</p> <p>Mercury free, environment friendly</p>	4
		<p>15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD</p> <p>16:9 aspect ratio</p> <p>Ultra-slim design</p> <p>Mercury free, environment friendly</p>	4
		<p>15.6" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD</p> <p>16:9 aspect ratio</p> <p>Ultra-slim design</p> <p>Mercury free, environment friendly</p>	4
<b>Graphics</b>		<p><b>AMD Radeon™ Graphics</b></p> <p><b>Graphics Special Technology#</b></p> <ul style="list-style-type: none"> <li>• VP9, H.264, H.265 8bit/10bit decode</li> <li>• H.264, H.265 8bit video encode</li> </ul>	
<b>Audio</b>		<ul style="list-style-type: none"> <li>• Acer Purified.Voice technology with AI noise reduction in dual built-in microphones. Features include far-field pickup, dynamic noise</li> </ul>	

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		<p>reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes.</p> <ul style="list-style-type: none"> <li>• Compatible with Cortana with Voice</li> <li>• Two built-in stereo speakers</li> </ul>	
<b>Storage</b>		<p><b>Solid state drive</b></p> <ul style="list-style-type: none"> <li>• 256 GB / 512 GB / 1 TB, PCIe Gen3, 8 Gb/s, NVMe</li> <li>• 128 GB, PCIe Gen3, 8 Gb/s, NVMe</li> </ul>	1, 5 1, 5
<b>Webcam</b>	1	<p><b>Video conferencing</b></p> <p>UFC with</p> <ul style="list-style-type: none"> <li>• T-Type HD camera</li> <li>• Compatible with Windows</li> <li>• 1280 x 720 resolution</li> <li>• 720p HD video at 30 fps with Temporal Noise Reduction</li> <li>• Blue Glass lens</li> <li>• Knowles Dual Mic (33 mm + 33 mm)</li> <li>• 78 x 3.2 (5.2) x 3 mm</li> </ul>	
<b>Wireless and networking</b>	1	<p><b>WLAN</b></p> <ul style="list-style-type: none"> <li>• 802.11a/b/g/n/ac+ax wireless LAN</li> <li>• Dual Band (2.4 GHz and 5 GHz)</li> <li>• MU-MIMO technology</li> <li>• Supports Bluetooth® 5.1 or above</li> </ul>	
<b>Security</b>		<p>Firmware Trusted Platform Module (TPM) solution</p> <p>BIOS user, supervisor passwords,</p> <p>Kensington lock slot</p> <p>Kensington lock</p>	
<b>Dimensions and weight</b>	1, 6, 7	<p><b>Dimensions</b></p> <ul style="list-style-type: none"> <li>• 362.9 (W) x 237.5 (D) x 18.9 (H) mm (14.29 x 9.35 x 0.74 inches) with Plastic A Cover</li> </ul> <p><b>Weight</b></p> <ul style="list-style-type: none"> <li>• 1.78 kg (3.92 lbs.) with 3-cell battery pack</li> </ul>	
<b>Power adapter and battery</b>	1	<p><b>Power adapter</b></p> <p>3-pin 45 W AC adapter:</p> <ul style="list-style-type: none"> <li>• 94 (W) x 39 (D) x 26.5 (H) mm (3.70 x 1.54 x 1.04 inches)</li> <li>• 142 g with 150 cm DC cable</li> </ul> <p>3-pin 45 W AC adapter</p> <ul style="list-style-type: none"> <li>• 95.0 (W) x 38.0 (D) x 25.4 (H) mm ( 3.74 (W) x 1.50 (D) x 1.00 (H) inches)</li> <li>• 150 g with 150 cm DC cable</li> </ul> <p><b>Battery</b></p> <ul style="list-style-type: none"> <li>• 40 Wh 3-cell Li-ion battery</li> </ul> <p>(for models with HD Panel + SSD)</p> <p>Battery life:</p> <p>Up to 11 hours (based on MobileMark® 2018 test results)</p> <p>Up to 13.5 hours (based on video playback test results)</p>	8, 9, 10

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	Up to 12 hours (based on web browsing test results)	
<b>Input and control</b>	<p><b>Keyboard</b> 99-/100-/103-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute</p> <p><b>Media Keys</b> Media control keys (printed on keyboard): volume up, volume down</p> <p><b>TouchPad</b> Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands</p> <ul style="list-style-type: none"> <li>• Microsoft Precision Touchpad certification</li> <li>• Moisture resistant</li> </ul>	
<b>Input and output</b>	<p><b>USB Type-C</b> USB Type-C™ port, supporting:</p> <ul style="list-style-type: none"> <li>• USB 3.2 Gen 2 (up to 10 Gbps)</li> <li>• DisplayPort over USB-C</li> <li>• USB charging 5 V; 3 A</li> <li>• DC-in port 19 V; 45 W</li> </ul> <p><b>USB Standard A</b> Two USB Standard-A ports, supporting:</p> <ul style="list-style-type: none"> <li>• Two ports for USB 3.2 Gen 1</li> </ul> <p>HDMI® 2.1 port with HDCP support DC-in jack for AC adapter 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone</p>	
<b>Windows Desktop Apps</b> <sup>11</sup>	<p><b>In-House</b></p> <ul style="list-style-type: none"> <li>• Acer Care Center</li> <li>• Acer Product Registration</li> <li>• Quick Access</li> </ul>	
<b>System compliance</b>	ENERGY STAR® Wi-Fi®	
<b>Warranty</b>	One-year International Travelers Warranty (ITW)	
<b>Quality and reliability tests</b>	<p>Temperature and humidity</p> <p>Hinge life</p> <p>Weight and pressure</p> <p>Acoustics</p> <p>Spillage</p> <p>Free drop</p> <p>Shock and vibration</p> <p>Electrostatic discharge immunity</p> <p>Keyboard-switch life</p> <p>MTBF (mean time between failures)</p>	

1. Specifications vary depending on model.

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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. 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.
6. Minor variations in system dimensions are possible due to the manufacturing process.
7. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
8. 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: AMD Ryzen™ 3 7000, AMD Radeon™ Graphics, HD, SSD only, 16GB of LPDDR5 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
9. 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: AMD Ryzen™ 3 7000, AMD Radeon™ Graphics, HD, 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.
10. 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.
11. 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.

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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.

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# Appendix

**v2-0-1 (Ver. 2)**

Wireless and networking