

*acer*



***Aspire 3D 15 SpatialLabs™ Edition***

# SPECIFICATIONS

# Aspire 3D 15 SpatialLabs™ Edition

# A3D15-71GM



<b>Product views</b>	<ol style="list-style-type: none"> <li>Eye tracking sensor</li> <li>Eye tracking sensor indicator</li> <li>Webcam</li> <li>15" display</li> <li>DC-in jack</li> <li>Ethernet (RJ-45) port</li> <li>HDMI® port</li> <li>USB 3.2 Gen 1 port with power-off charging</li> <li>USB 3.2 port</li> <li>Thunderbolt 4 port</li> <li>Touchpad</li> <li>Keyboard</li> <li>Power button</li> <li>Power indicator</li> <li>Battery indicator</li> <li>Headset / Speaker jack</li> <li>USB 3.2 port</li> <li>Ventilation and cooling fan</li> <li>Kensington lock slot</li> </ol>
<b>Operating system<sup>1</sup></b>	<b>Windows 11 Home</b>
<b>CPU and chipset<sup>1</sup></b>	<b>Intel® Core™ i7-13620H processor</b> <b>Intel® Core™ i5-13420H processor</b>
<b>Memory<sup>1,2,3</sup></b>	Dual-channel DDR5 SDRAM support Up to 32 GB of DDR5 system memory
<b>Display<sup>4,5</sup></b>	15.6" display with IPS (In-Plane Switching) technology, Ultra HD 3840 x 2160 in 2D mode, LED-backlit TFT LCD Acer ColorBlast technology, 100% Adobe RGB color gamut <ul style="list-style-type: none"> <li>16:9 aspect ratio</li> <li>3D Stereoscopic module for SpatialLabs, 1920 x 2160 in 3D mode</li> </ul>
<b>Graphics<sup>1</sup></b>	<b>NVIDIA® GeForce RTX™ 4050</b> <span style="float: right;"><b>NVIDIA® GeForce RTX™ 2050</b></span>
<b>Audio</b>	<ul style="list-style-type: none"> <li>DTS® X/Ultra Audio, featuring optimized Bass, Loudness, Speaker Protection with up to 6 custom content modes by smart amplifier</li> <li>Supported in Windows Spatial Sound for PC Gaming with DTS license integrated</li> <li>Immersive audio rendering over headphones and internal speakers</li> <li>High SNR DAC with 2.1 Vrms out capability and can driver high impedance headphone (up to 600 ohm)</li> <li>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.</li> <li>Compatible with Cortana with Voice</li> <li>Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound</li> </ul>
<b>Storage<sup>1,6</sup></b>	<b>Solid state drive</b> <ul style="list-style-type: none"> <li>512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe</li> <li>512 GB / 1 TB, PCIe Gen3, 8 Gb/s, NVMe</li> </ul>
<b>Webcam<sup>1</sup></b>	<b>Video conferencing</b> <ul style="list-style-type: none"> <li>UFC with: <ul style="list-style-type: none"> <li>Compatible with Windows only</li> <li>2560 x 1440 resolution</li> <li>1440p QHD video at 30 fps with Temporal Noise Reduction</li> </ul> </li> <li>Narrow USB 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>HD webcam with: <ul style="list-style-type: none"> <li>1280 x 720 resolution</li> <li>720p HD audio/video recording</li> </ul> </li> <li>Super high dynamic range imaging (SHDR)</li> <li>IR-LED x 2</li> <li>Acer camera with: <ul style="list-style-type: none"> <li>1280 x 480 resolution (VGA x 2)</li> <li>SpatialLabs Eye-Tracking technology</li> </ul> </li> </ul>
<b>Wireless and networking<sup>1</sup></b>	<b>WLAN</b> <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> </ul> <b>LAN</b> <ul style="list-style-type: none"> <li>2x2 MU-MIMO technology</li> <li>Gigabit Ethernet</li> </ul>
<b>Security</b>	Firmware Trusted Platform Module (TPM) solution BIOS user, supervisor passwords, <span style="float: right;">Kensington lock</span>
<b>Dimensions and weight<sup>7,8</sup></b>	<b>Dimensions:</b> 362.3 (W) x 239.89 (D) x 24.6 (H) mm (14.26 x 9.44 x 0.97 inches) <b>Weight:</b> 2.32 kg (5.11 lbs.) with 4-cell battery pack3
<b>Power adapter and battery<sup>9</sup></b>	<b>Power adapter</b> <ul style="list-style-type: none"> <li>3-pin 135W AC adaptor</li> </ul> <b>Battery / Battery life</b> 57 Wh 4-cell Li-ion battery
<b>Input and control</b>	<b>Keyboard</b> 99-/100-/103-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute <ul style="list-style-type: none"> <li>Microsoft Precision Touchpad certification</li> <li>Moisture resistant</li> <li>Windows Hello Certification</li> </ul> <b>Touchpad</b> Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands
<b>Windows Desktop Apps<sup>10</sup></b>	<ul style="list-style-type: none"> <li>AcerSense</li> <li>Acer Product Registration</li> <li>Acer QuickPanel</li> </ul>
<b>Warranty</b>	One-year International Travelers Warranty (ITW)

- Specifications vary depending on model.
- 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.
- Memory speed may vary, depending on the CPU, chipset or memory fitted.
- All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
- 3D content is required to enable 3D effects.
- 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.
- Minor variations in system dimensions are possible due to the manufacturing process.
- Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
- 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.
- 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.

© 2023. All rights reserved.  
Microsoft and Windows are registered trademarks of Microsoft Corporation.

**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](http://www.acer.com) for more information.