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NITRO Lite16

# SPECIFICATIONS

# NITROLite16NL16-71G



<b>Product views</b>	<ol style="list-style-type: none"> <li>1. Webcam</li> <li>2. Webcam shutter</li> <li>3. Microphones</li> <li>4. 16" LCD display</li> <li>5. Thunderbolt 4 port</li> <li>6. HDMI 2.1 port</li> <li>7. USB 3.2 Gen 1 port with power-off charging</li> <li>8. Touchpad</li> <li>9. Keyboard</li> <li>10. Power button</li> <li>11. Battery indicator</li> <li>12. Power indicator</li> <li>13. Headset/speaker jack</li> <li>14. USB 3.2 port</li> <li>15. Ethernet (RJ-45) port</li> <li>16. Kensington lock slot</li> </ol>
<b>Operating system<sup>1</sup></b>	Windows 11 Home
<b>CPU and chipset<sup>1</sup></b>	Intel® Core™ i5-13420H processor
<b>Memory<sup>1,2,3</sup></b>	Dual-channel DDR5 SDRAM support <ul style="list-style-type: none"> <li>● 16GB of onboard DDR5 system memory</li> <li>● Upgradable to 24GB of dual-channel DDR5 system memory using a single soDIMM module.</li> </ul> (Memory Frequency: up to 4800 MT/s)
<b>Display<sup>4</sup></b>	16.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x1200, high-brightness AcerComfyView™ LED-backlit TFT LCD, supporting high frame rate 165 Hz. <ul style="list-style-type: none"> <li>● 16:10 aspect ratio, color gamut NTSC 45%</li> <li>● Wide viewing angle up to 170 degrees</li> <li>● Ultra-slim design</li> <li>● Mercury free, environment friendly</li> </ul>
<b>Graphics<sup>1</sup></b>	NVIDIA® GeForce RTX™ 4050 with 6 GB of dedicated GDDR6 VRAM NVIDIA® GeForce® RTX™ 3050 with 6 GB of dedicated GDDR6 VRAM
<b>Audio</b>	<ul style="list-style-type: none"> <li>● Two built-in stereo speakers</li> <li>● Two built-in digital microphones</li> </ul>
<b>Storage<sup>1,5</sup></b>	<b>Solid state drive</b> <ul style="list-style-type: none"> <li>● 512 GB PCIe Gen4, 16 Gb/s, NVM</li> </ul>
<b>Webcam<sup>1</sup></b>	<b>Video conferencing</b> Camera FHD Camera MISC 2M FHD Camera_CTE
<b>Wireless and networking<sup>1</sup></b>	<b>WLAN</b> 802.11a/b/g/n/ac+ax wireless LAN Dual Band (2.4 GHz and 5 GHz)
<b>Security</b>	<ul style="list-style-type: none"> <li>● BIOS user, supervisor passwords</li> <li>● Kensington lock slot</li> </ul>
<b>Dimensions and weight<sup>6,7</sup></b>	<b>Dimensions:</b> <ul style="list-style-type: none"> <li>● 362.2 (W) x 248.47 (D) x 22.9/22.9 (H) mm (14.26 x 9.78 x 0.9/0.9 inches) with LAN port</li> </ul> <b>Weight:</b> <ul style="list-style-type: none"> <li>● 1.95 kg (4.3 lbs.) with 2-cell battery pack</li> </ul>
<b>Power adapter and battery<sup>8,9,10</sup></b>	<b>Power adapter</b> 3-pin 100 W PD PCR 50%, TCO 9.0 AC adapter <b>Battery:</b> <ul style="list-style-type: none"> <li>● 53 Wh 4574 mAh 11.55 V 3-cell Li-ion battery pack</li> </ul>
<b>Warranty</b>	One-year International Travelers Warranty (ITW)
<b>Footnotes</b>	<ol style="list-style-type: none"> <li>1. Specifications vary depending on model.</li> <li>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.</li> <li>3. Memory speed may vary, depending on the CPU, chipset or memory fitted.</li> <li>4. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.</li> <li>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.</li> <li>6. Minor variations in system dimensions are possible due to the manufacturing process.</li> <li>7. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.</li> <li>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: 12th Gen Intel® Core™ i7, NVIDIA® GeForce RTX™ 4050, WUXGA, SSD only, 16GB of DDR5 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.</li> <li>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: 12th Gen Intel® Core™ i7, NVIDIA® GeForce RTX™ 4050, WUXGA, SSD only, 16GB of DDR5 memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.</li> <li>10. 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.</li> <li>11. Bundled software may vary depending on hardware configuration, OS and regional availability.</li> </ol>

Note: This specification is based on the Nitro NL16-71G Specifications [v3-0-2].pdf

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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