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*Aspire 16 AI*

## SPECIFICATIONS

## Aspire 16 AI

## A16-61M



<b>Product views</b>	<b>1.</b> Microphones <b>2.</b> Camera/shutter <b>3.</b> Camera <b>4.</b> IR Camera <b>5.</b> 16" display <b>6.</b> HDMI port <b>7.</b> USB 3.2 Gen 1 port with power-off charging <b>8.</b> USB Type-C port with DC-in <b>9.</b> USB Type-C port with DC-in <b>10.</b> Touchpad <b>11.</b> Power button <b>12.</b> Keyboard <b>13.</b> Power indicator <b>14.</b> Battery indicator <b>15.</b> MicroSD card reader <b>16.</b> Headset / Speaker jack <b>17.</b> USB 3.2 port <b>18.</b> Kensington lock slot
<b>Operating system<sup>1</sup></b>	<b>Windows 11 Home</b>
<b>CPU and chipset<sup>1</sup></b>	<b>AMD Ryzen™ AI 5 340 hexa-core processor</b>
<b>Memory<sup>1, 2, 3</sup></b>	Dual-channel LPDDR5X SDRAM support <ul style="list-style-type: none"><li>• 16 GB of onboard LPDDR5X system memory</li></ul>
<b>Display<sup>4</sup></b>	16.0" display with OLED (Organic Light-Emitting Diode) technology, WUXGA+ 2048 x 1280, high-brightness (400 nits, typical value) Acer CineCrystal™, <ul style="list-style-type: none"><li>• 16:10 aspect ratio, color gamut DCI-P3 100%(Typical value), support 120Hz, certified by True Black HDR 500@HDR 500, brightness reach 500 nits)</li><li>• Wide viewing angle up to 170 degrees</li><li>• Mercury free, environment friendly</li></ul>
<b>Audio</b>	<ul style="list-style-type: none"><li>• DTS® Audio, featuring optimized bass response and micro-speaker distortion prevention</li><li>• Acer Purified.Voice technology with AI noise reduction in 3 mics array built-in microphones to support Advanced Privacy Mode. Features include far-field pickup, dynamic noise reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes.</li><li>• High SNR DAC with 2.1 Vrms out capability and can driver high impedance headphone (up to 600 ohm)</li><li>• Acer TrueHarmony Technology for lower distortion, wider frequency range, headphone-like audio and powerful sound by Acer Ultra Boost Stereo Speaker Module</li><li>• Compatible with Cortana with Voice</li><li>• Hi-Res Audio Certification by JAS ( Headphone Output setting supported up to 24bit /192KHz)</li></ul>
<b>Storage<sup>1, 5</sup></b>	<b>Solid state drive</b> <ul style="list-style-type: none"><li>• 1 TB, PCIe Gen4, NVMe</li></ul>
<b>Webcam<sup>1</sup></b>	<b>Video conferencing</b> UFC with: <ul style="list-style-type: none"><li>• Narrow USB FHD camera+IR camera with blue glass</li></ul> <ul style="list-style-type: none"><li>• Compatible with Windows only</li><li>• 1920 x 1080 resolution</li><li>• 1080p HD video at 60 fps with Temporal Noise Reduction</li></ul>
<b>Wireless and networking<sup>1</sup></b>	<b>WLAN</b> <ul style="list-style-type: none"><li>• Intel® Wi-Fi 6E Wireless LAN</li><li>• 802.11 a/b/g/n/ac/ax</li></ul> <b>WPAN</b> <ul style="list-style-type: none"><li>• Supports Bluetooth® 5.3 or above</li></ul>
<b>Dimensions and weight<sup>6, 7</sup></b>	<b>Dimensions:</b> 354.9 (W) x 250.1 (D) x 15.9 (H) mm (13.97 x 9.85 x 0.63 inches) <b>Weight:</b> 1.55 kg (3.42 lbs.) with 4-cell battery pack, OLED WUXGA display 1.57 kg (3.46 lbs.) with 4-cell battery pack, WUXGA display
<b>Power adapter and battery<sup>8, 9</sup></b>	<b>Power adapter</b> 3-pin 100 W PD PCR 50%, TCO 9.0 AC adapter <b>Battery:</b> 65 Wh 4-cell Li-ion battery <b>For models with WUXGA Panel + SSD</b> <b>Battery life:</b> Up to 12.5 hours (based on MobileMark® 2025 test results) Up to 14.5 hours (based on video playback test results)
<b>Input and control</b>	<b>Keyboard</b> 99-/100-/103-key Acer backlight keyboard layout with numberpad and multiple international language support, SR05P <b>Touchpad</b> Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"><li>• Microsoft Precision Touchpad certification</li></ul> <ul style="list-style-type: none"><li>• Moisture resistant</li><li>Control Keys</li><li>• Programmable key – my key</li><li>• Acer Sense Key</li><li>• Copilot Key</li></ul>
<b>Windows Desktop Apps<sup>11</sup></b>	Acer LiveArt Acer QuickPanel
<b>Warranty</b>	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. 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 clip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: AMD Ryzen™ AI 5 340, AMD Radeon™ Graphics, WUXGA, SSD only, 16GB of LPDDR5X 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 clip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: AMD Ryzen™ AI 5 340, AMD Radeon™ Graphics, WUXGA, SSD only, 16GB of LPDDR5X memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.
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.
11. Bundled software may vary depending on hardware configuration, OS and regional availability.

**Note: This specification is based on Aspire A16-61M Specifications (v1-0-1)**

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, 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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