

# acer



## NITRO 17

 Windows 11



Advanced  
Optimus



Mux Switch  
Supported



Turbo up to Max  
Graphics Power



Liquid Metal Thermal  
Grease



Killer  
DoubleShot™ Pro



Full-Function  
Thunderbolt™ 4



HDMI 2.1



<b>Product views</b>	<ol style="list-style-type: none"> <li>1. Microphones</li> <li>2. Webcam</li> <li>3. Ventilation</li> <li>4. Ethernet (RJ-45) port</li> <li>5. USB 3.2 Gen 1 port</li> <li>6. MicroSD card slot</li> <li>7. Headset/speaker jack</li> <li>8. Keyboard</li> <li>9. Touchpad</li> <li>10. Power button</li> <li>11. 17.3" LCD display</li> </ol>	<ol style="list-style-type: none"> <li>12. Battery indicator</li> <li>13. Power indicator</li> <li>14. USB 3.2 Gen 2 port with power-off charging</li> <li>15. USB 3.2 Gen 2 port</li> <li>16. Kensington lock slot</li> <li>17. Power connector (DC-in)</li> <li>18. HDMI® port</li> <li>19. USB Type-C™ port (USB 3.2 Gen 2) (Thunderbolt™ 4)</li> <li>20. USB Type-C port with DC-in (USB 3.2 Gen 2)</li> </ol>
<b>Operating system<sup>1</sup></b>	Windows 11 Home	
<b>CPU and chipset<sup>1</sup></b>	Intel® Core™ i7-13700H processor	Intel® Core™ i5-13500H processor
<b>Memory<sup>1,2,3</sup></b>	Dual-channel DDR5 SDRAM support <ul style="list-style-type: none"> <li>● Up to 32 GB of DDR5 system memory (Memory Frequency: up to 4800 MT/s)</li> </ul>	
<b>Display<sup>4</sup></b>	17.3" display with IPS (In-Plane Switching) technology, QHD 2560 x 1440, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 165 Hz, Grey to Grey 3 ms by Overdrive, Nvidia Advanced Optimus capable. <ul style="list-style-type: none"> <li>● 16:9 aspect ratio, DCI-P3 100%</li> <li>● Wide viewing angle up to 170 degrees</li> <li>● Ultra-slim design</li> <li>● Mercury free, environment friendly</li> </ul> 17.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 165 Hz, 3 ms Overdrive, and G-Sync function. <ul style="list-style-type: none"> <li>● 16:9 aspect ratio, sRGB 100%</li> <li>● Wide viewing angle up to 170 degrees</li> <li>● Ultra-slim design</li> <li>● Mercury free, environment friendly</li> </ul>	17.3" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD <ul style="list-style-type: none"> <li>● 16:9 aspect ratio, supporting 144 Hz refresh rate</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>	<b>NVIDIA® GeForce® RTX™ 4060</b> with 8 GB of dedicated GDDR6 VRAM <b>NVIDIA® GeForce® RTX™ 4050</b> with 6 GB of dedicated GDDR6 VRAM	<b>NVIDIA® GeForce® RTX™ 3050</b> with 6 GB of dedicated GDDR6 VRAM
<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> </ul>	<ul style="list-style-type: none"> <li>● Acer Purified. Voice technology with AI noise reduction in dual built-in microphones</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>1,5</sup></b>	<b>Solid state drive</b> <ul style="list-style-type: none"> <li>● 1 TB / 2 TB, NVMe, RAID 0 SSD</li> <li>● 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe</li> </ul>	
<b>Webcam<sup>1</sup></b>	<b>Video conferencing</b> : UFC with <ul style="list-style-type: none"> <li>● Narrow USB HD camera</li> <li>● Compatible with Windows</li> <li>● 1280 x 720 resolution</li> </ul>	<ul style="list-style-type: none"> <li>● 720p HD video at 30 fps with Temporal Noise Reduction</li> <li>● Blue Glass lens</li> <li>● Dual Mic (33 mm + 33 mm)</li> <li>● 86 x 3.2 x 2.6 mm</li> </ul>
<b>Wireless and networking<sup>1</sup></b>	<b>WLAN</b> <ul style="list-style-type: none"> <li>● Killer™ Wi-Fi 6 AX 1650i</li> <li>● 802.11 a/b/g/n+acR2+ax wireless LAN</li> <li>● Dual Band (2.4 GHz and 5 GHz)</li> <li>● 2x2 MU-MIMO technology</li> <li>● Supports Bluetooth® 5.1 or above</li> </ul>	<b>LAN</b> <ul style="list-style-type: none"> <li>● Killer™ Ethernet E2600</li> <li>● 10/100/1000 Mbps</li> <li>● Hibernation mode support</li> <li>● Wake On Lan support</li> <li>● IPv4 and IPv6 support</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>● Firmware Trusted Platform Module (TPM) solution</li> <li>● BIOS user, supervisor passwords</li> </ul>	<ul style="list-style-type: none"> <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>● 400.2 (W) x 293.25 (D) x 27.9/28.9 (H) mm (15.76 x 11.55 x 1.1/1.14 inches)</li> </ul> <b>Weight:</b> <ul style="list-style-type: none"> <li>● 3.0 kg (6.61 lbs.) with 4-cell battery pack, solid state drive</li> </ul>	
<b>Power adapter and battery<sup>8,9</sup></b>	<b>Power adapter:</b> <ul style="list-style-type: none"> <li>● 3-pin 330 W 5.5 PHY AC adapter</li> <li>● 3-pin 230 W 5.5 PHY AC adapter</li> </ul>	<b>Battery:</b> <ul style="list-style-type: none"> <li>● 90 Wh 4-cell Li-ion battery (for models with QHD + SSD)</li> <li>● 57 Wh 4-cell Li-ion battery (for models with QHD + SSD)</li> </ul> <b>Battery Life:</b> <ul style="list-style-type: none"> <li>● Up to 7 hours (based on video playback test results)</li> </ul>
<b>Input and control</b>	<b>Keyboard:</b> 103-/104-/107-key FineTip RGB-backlit keyboard with independent standard numeric keypad, international language support  <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> <li>● Moisture resistant</li> </ul> <b>Control Keys:</b> <ul style="list-style-type: none"> <li>● Mode key</li> </ul>
<b>Windows Desktop Apps<sup>10</sup></b>	<b>In-House</b> <ul style="list-style-type: none"> <li>● Acer Care Center</li> <li>● Acer Product Registration</li> </ul>	<ul style="list-style-type: none"> <li>● NitroSense</li> <li>● Quick Access</li> </ul>
<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 accordingly.  
 3. Actual system memory 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.  
 4. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.  
 5. Actual system memory 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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 7. Microsoft and Windows are registered trademarks of Microsoft Corporation.  
 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 and is not guaranteed.  
 9. Actual system memory 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.  
 10. Microsoft, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Intel Evo, Itanium Inside, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, Intel Agilix, Arria, Cyclone, Movidius, eASIC, Enpirion, Iris, MAX, Intel RealSense, Stratix, and Intel Optane are trademarks of Intel Corporation or its subsidiaries.

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 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.