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Product views	<ol style="list-style-type: none"> Microphones Webcam Power connector (DC-in) Ethernet (RJ-45) port HDMI® 2.1 port USB 3.2 Gen 1 port with power-off charging USB 3.2 Gen 1 port USB Type-C™ port (Thunderbolt™ 4) Keyboard Touchpad Power button 15.6" LCD display Power indicator Battery indicator Headset/speaker jack USB 3.2 Gen 1 port Kensington lock slot
Operating system¹	Windows 11 Home
CPU and chipset¹	Intel® Core™ i5-13420H
Memory^{1,2,3}	Dual-channel DDR5 SDRAM support <ul style="list-style-type: none"> 16 GB of DDR5 system memory (Memory Frequency: Up to 5600 MT/s) Upgradable to 32 GB
Display⁴	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD <ul style="list-style-type: none"> 16:9 aspect ratio, supporting 165 Hz refresh rate. Wide viewing angle up to 170 degrees Ultra-slim design Mercury free, environment friendly
Graphics¹	NVIDIA® GeForce® RTX™ 3050 with 6 GB of dedicated GDDR6 VRAM
Audio	<ul style="list-style-type: none"> DTS® X: Ultra Audio, featuring optimized Bass, Loudness, Speaker Protection with up to 6 custom content modes by smart amplifier Supported in Windows Spatial Sound for PC Gaming with DTS license integrated Immersive audio rendering over headphones and internal speakers High SNR DAC with 2.1 Vrms out capability and can driver high impedance headphone (up to 600 ohm) Acer Purified. Voice technology with AI noise reduction in dual built-in microphones Compatible with Cortana with Voice Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound
Storage^{1,5}	Solid state drive <ul style="list-style-type: none"> 512 GB PCIe Gen4, 16 Gb/s, NVMe
Webcam¹	Video conferencing: UFC with <ul style="list-style-type: none"> T-Type HD camera Compatible with Windows only 1280 x 720 resolution 720p HD video at 30 fps with Temporal Noise Reduction Blue Glass lens Dual Mic (33 mm + 33 mm) 78 x 3.2 (5.2) x 3 mm
Wireless and networking¹	WLAN <ul style="list-style-type: none"> 802.11a/b/g/n/ac+ax wireless LAN Dual Band (2.4 GHz and 5 GHz) 2x2 MU-MIMO technology Supports Bluetooth® 5.1 or above LAN <ul style="list-style-type: none"> Gigabit Ethernet
Security¹	<ul style="list-style-type: none"> Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification Firmware Trusted Platform Module (TPM) solution BIOS user, supervisor, HDD passwords Kensington lock slot
Dimensions and weight^{6,7}	Dimensions: <ul style="list-style-type: none"> 362.3 (W) x 239.89 (D) x 15.7/23.5 (H) mm (14.26 x 9.44 x 0.62/0.93 inches) Weight: <ul style="list-style-type: none"> 2.113 kg (4.66 lbs.) with 4-cell battery pack
Power adapter and battery⁸	Power adapter: <ul style="list-style-type: none"> 3-pin 135 W AC adapter Battery: <ul style="list-style-type: none"> 57 Wh 4-cell Li-ion battery (for models with Full HD Panel + SSD)
Input and control	Keyboard: <ul style="list-style-type: none"> 99-/100-/103-key Acer amber backlight keyboard with international language support, NitroSense key, Copilot key, indicators of CapsLock and F4/Microphone mute Media Keys <ul style="list-style-type: none"> Media control keys (printed on keyboard): volume up, volume down Touchpad <ul style="list-style-type: none"> Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands Microsoft Precision Touchpad certification Moisture resistant Windows Hello Certification
Windows Desktop Apps⁹	In-House <ul style="list-style-type: none"> Acer Care Center Acer Product Registration NitroSense Quick Access

Warranty	One-year Warranty
1. Specifications vary depending on model.	8. 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.
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.	9. Bundled software may vary depending on hardware configuration, OS and regional availability.
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.	

In a continuing effort to improve the design and performance of our products, Acer reserves the right to change specifications without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on manufacturing variability, and selected options.

Note: This specification is based on the Acer Nitro V 15 (ANV15-52) with 11.5" display. The 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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