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Product views	<ol style="list-style-type: none"> 1. Microphones 2. Webcam 3. Power connector (DC-in) 4. Ethernet (RJ-45) port 5. HDMI® 2.1 port 6. USB 3.2 Gen 1 port with power-off charging 7. USB 3.2 Gen 1 port 8. USB Type-C™ port (Thunderbolt™ 4) 9. Keyboard 10. Touchpad 11. Power button 12. 15.6" LCD display 13. Power indicator 14. Battery indicator 15. Headset/speaker jack 16. USB 3.2 Gen 1 port 17. Kensington lock slot
Operating system¹	Eshell
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™ 5050
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

- 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.
- 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.

Note: This specification is based on the Nitro ANV15-52 (Win11) Specifications (v2-0-2)

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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