

acer



NITRO 5



Long-Lasting
90W



NitroSense



Killer™
E2600 +
Wi-Fi 6E



Double Fan
with
Quad Exhaust



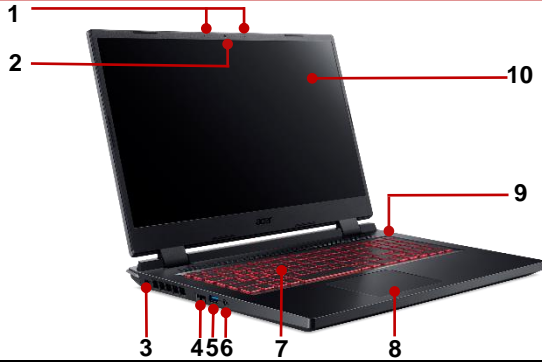
Faster Data
Transit



HDMI port

SPECIFICATIONS

NITRO 5



Product views	<ol style="list-style-type: none"> 1. Microphones 2. Webcam 3. Kensington lock slot 4. Ethernet (RJ-45) port 5. USB 3.2 Gen 1 port 6. Headset/speaker jack 	<ol style="list-style-type: none"> 7. Keyboard 8. Touchpad 9. Power button 10. 17.3" LCD display 11. Battery indicator 12. Power indicator 	<ol style="list-style-type: none"> 13. USB 3.2 Gen 2 port with power-off charging 14. USB 3.2 Gen 2 port 15. Power connector (DC-in) 16. USB Type-C™ port (USB 3.2 / 4) 17. HDMI® port
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Note: Specifications vary depending on model or Operation System.

Operating system¹	Windows 11 Home		
CPU and chipset¹	AMD Ryzen™ 9 6900HX octa-core processor	AMD Ryzen™ 7 6800H octa-core processor	AMD Ryzen™ 5 6600H hexa-core processor
Memory^{1, 2, 3}	Dual-channel DDR5 SDRAM support: <ul style="list-style-type: none"> ● Up to 32 GB of DDR5 system memory (Memory Frequency: Up to 4800 MT/s) 		
Display⁴	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, 3 ms Overdrive <ul style="list-style-type: none"> ● 16:9 aspect ratio, DCI-P3 100% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly 	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 144 Hz and 3 ms Overdrive <ul style="list-style-type: none"> ● 16:9 aspect ratio, NTSC 72% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly 	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"> ● 16:9 aspect ratio, supporting 144 Hz refresh rate ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly
Graphics^{1, 5}	NVIDIA® GeForce® RTX™ 3070 Ti with 8 GB of dedicated GDDR6 VRAM	NVIDIA® GeForce® RTX™ 3070 with 8 GB of dedicated GDDR6 VRAM	NVIDIA® GeForce® RTX™ 3050 Ti NVIDIA® GeForce® RTX™ 3050
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 ● 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, 6}	Solid state drive <ul style="list-style-type: none"> ● 256 GB / 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe 		
Webcam¹	Video conferencing : UFC with <ul style="list-style-type: none"> ● Narrow USB HD camera ● Compatible with Windows ● 1280 x 720 resolution 	<ul style="list-style-type: none"> ● 720p HD video at 30 fps with Temporal Noise Reduction ● Blue Glass lens ● Dual Mic (33 mm + 33 mm) ● 86 x 3.2 x 2.6 mm 	
Wireless and networking¹	WLAN <ul style="list-style-type: none"> ● Wi-Fi 6E Wireless LAN ● 802.11 a/b/g/n/ac/ax wireless LAN ● Band: 2.4 GHz, 5 GHz, and 6 GHz ● 2x2 MU-MIMO technology ● Supports Bluetooth® 5.2 and later 	LAN <ul style="list-style-type: none"> ● Killer™ Ethernet E2600 ● 10/100/1000 Mbps ● Hibernation mode support ● Wake On Lan support ● IPv4 and IPv6 support 	
Security	<ul style="list-style-type: none"> ● Firmware Trusted Platform Module (TPM) solution ● BIOS user, supervisor, HDD passwords ● Kensington lock slot 		
Dimensions and weight^{7, 8}	Dimensions: <ul style="list-style-type: none"> ● 400.5 (W) x 294.48 (D) x 27/27.9 (H) mm (15.77 x 11.59 x 1.06/1.1 inches) with Plastic A Cover 	Weight: <ul style="list-style-type: none"> ● 3 kg (6.61 lbs.) with 4-cell battery pack, solid state drive 	
Power adapter and battery⁹	Power adapter: <ul style="list-style-type: none"> ● 3-pin 280 W 5.5 PHY AC adapter ● 3-pin 230 W 5.5 PHY AC adapter ● 3-pin 180 W AC adapter 	Battery: <ul style="list-style-type: none"> ● 90 Wh 4-cell Li-ion battery 	
Input and control	Keyboard: 103-/104-/107-key FineTip RGB-backlit keyboard with independent standard numeric keypad, international language support 103-/104-/107-key FineTip backlit keyboard with independent standard numeric keypad, international language support and power button Touchpad: Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> ● Microsoft Precision Touchpad certification ● Moisture resistant 		
Windows Desktop Apps¹⁰	In-House <ul style="list-style-type: none"> ● Acer Care Center ● Acer Configuration Manager ● Acer Product Registration ● NitroSense 	<ul style="list-style-type: none"> ● Quick Access ● Security ● Norton™ Internet Security L3 ● PC Manager 	
Warranty	One-year International Travelers Warranty (ITW)		
1.	Specifications vary depending on model.	7.	Minor variations in system dimensions are possible due to the manufacturing process.
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.	8.	Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
3.	Memory speed may vary, depending on the CPU, chipset or memory fitted.	9.	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.
4.	All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.	10.	Bundled software may vary depending on hardware configuration, OS and regional availability.
5.	Not all features indicated are supported on all SKUs.		
6.	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.		

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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