

acer



 Windows 10



Dual M.2
Support +
One HDD
Slot



Acer
NitroSense
&



Killer™
Ethernet
E2600



Double Fan
with Quad
Exhaust
Port



Immersive
Gaming
Audio



HDMI port

CoolBoost^T
M

NITRO 5

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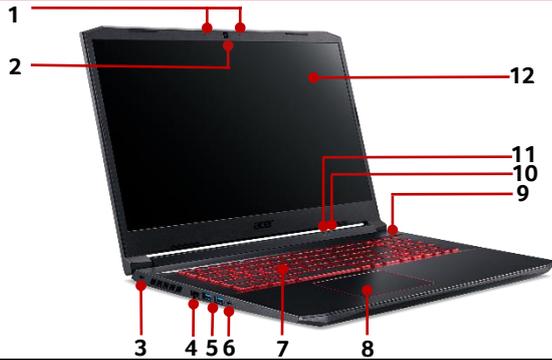
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About Acer

Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ 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 for more information.

SPECIFICATIONS

NITRO



Product views	<ol style="list-style-type: none"> 1. Microphones 2. Webcam 3. Kensington lock slot 4. Ethernet (RJ-45) port 5. Two USB 3.2 Gen 1 ports 6. Headset/speaker jack 7. Keyboard 8. Touchpad 9. Power button 10. Power indicator 11. Battery indicator 12. 17.3" LCD display 	<ol style="list-style-type: none"> 13. USB Type-C™ port (USB 3.2 Gen 2) 14. USB 3.2 Gen 2 port with power-off charging 15. HDMI® port 16. Power connector (DC-in)
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Operating system^{1,2}	Windows 10 Home 64-bit		
CPU and chipset¹	AMD Ryzen™ 9 5900HX octa-core processor	AMD Ryzen™ 7 5800H octa-core processor	AMD Ryzen™ 5 5600H hexa-core processor
Memory^{1, 3, 4, 5}	Dual-channel DDR4 SDRAM support: <ul style="list-style-type: none"> Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules 		
Display⁶	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 and 3 ms Overdrive <ul style="list-style-type: none"> 16:9 aspect ratio, sRGB 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 360 Hz, 3 ms Overdrive <ul style="list-style-type: none"> 16:9 aspect ratio, sRGB 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, Acer ComfyView™ LED-backlit TFT LCD <ul style="list-style-type: none"> 16:9 aspect ratio, 45% NTSC color gamut Wide viewing angle up to 170 degrees Mercury free, environment friendly
Graphics¹	NVIDIA® GeForce® RTX™ 3080 with 8 GB or 16 GB of dedicated GDDR6 VRAM	NVIDIA® GeForce® RTX™ 3070 with 8 GB of dedicated GDDR6 VRAM	NVIDIA® GeForce® RTX™ 3060 with 6 GB of dedicated GDDR6 VRAM
Audio	<ul style="list-style-type: none"> NVIDIA® GeForce® GTX™ 1650 with 4 GB GDDR6 memory 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 dual built-in microphones Compatible with Cortana with Voice Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound 		
Storage⁷	Solid state drive <ul style="list-style-type: none"> 256 GB / 512 GB / 1 TB, PCIe Gen3, 8 Gb/s, NVMe 	Hard disk drive <ul style="list-style-type: none"> 1 TB / 2 TB 2.5-inch 5400 RPM 	
Webcam¹	Video conferencing: <ul style="list-style-type: none"> HD webcam with 1280 x 720 resolution and 720p HD audio/video recording Super high dynamic range imaging (SHDR) 		
Wireless and networking¹	WLAN <ul style="list-style-type: none"> Intel® Wireless Wi-Fi 6 AX200 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 Wi-Fi PCIe interface 		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
Privacy control¹	BIOS user, supervisor, HDD passwords		
Security	Kensington lock		
Dimensions and weight^{8, 9}	Dimensions: <ul style="list-style-type: none"> 403.5 (W) x 280 (D) x 24.9 (H) mm (15.89 x 11.02 x 0.98 inches) 	Weight: <ul style="list-style-type: none"> 2.7 kg (5.95 lbs.) with 4-cell battery pack 	
Power adapter and battery¹⁰	Power adapter: <ul style="list-style-type: none"> 3-pin 180 W AC adapter 3-pin 135 W AC adapter 	Battery: <ul style="list-style-type: none"> 57.5 Wh 4-cell Li-ion battery Battery life up to 9 hours 	
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 Apps¹¹	In-House <ul style="list-style-type: none"> Acer Care Center Acer Product Registration NitroSense 	Security <ul style="list-style-type: none"> GOTrust Norton™ Internet Security L3 PC Manager 	
Warranty	One-year International Travelers Warranty (ITW)		

1. Specifications vary depending on model.
 2. 64-bit software is required to enjoy the advantages of 64-bit processing.
 3. 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.
 4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
 5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
 6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
 7. Not all features indicated are supported on all SKUs.
 8. 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.
 9. 1 GB is 1 billion bytes. 1 TB is 1000 GB. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
 10. 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.
 11. Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.
 12. Bundled software may vary depending on hardware configuration, OS and regional availability.

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