

acer



 Windows 10



Dual M.2
Support +



Acer
NitroSense



Killer
DoubleShot
™ Pro



Double Fan
with



Immersive
Gaming
Audio



HDMI port

One HDD
Slot

&
CoolBoost^T
M

Quad Exhaust
Port

NITRO 5

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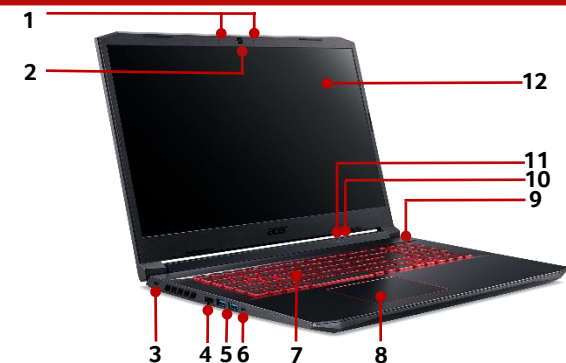
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About Acer

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 for more information.

SPECIFICATIONS

NITRO



Product views	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	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)
Operating system^{1,2}	Windows 10 Home 64-bit	
CPU and chipset¹	Intel® Core™ i7-11800H processor	Intel® Core™ i5-11400H processor
Memory^{1,3,4,5}	Dual-channel DDR4 SDRAM support: ● 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, 3 ms Overdrive ● 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 ● 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 ● 16:9 aspect ratio, supporting 144 Hz refresh rate ● 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 ● 16:9 aspect ratio, 45% NTSC color gamut ● Wide viewing angle up to 170 degrees ● Mercury free, environment friendly
Graphics^{1,7}	NVIDIA® GeForce® RTX™ 3070 with 8 GB of dedicated GDDR6 VRAM NVIDIA® GeForce® RTX™ 3060 with 6 GB of dedicated GDDR6 VRAM NVIDIA® GeForce® RTX™ 3050 Ti	NVIDIA® GeForce® RTX™ 3050 NVIDIA® GeForce® GTX 1650 with 4 GB GDDR6 memory
Audio	● 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	
Storage^{1,8,9}	Solid state drive ● 512 GB / 1 TB / 2 TB, NVMe, RAID 0 SSD ● 256 GB / 512 GB / 1 TB, PCIe Gen3, 8 GB/s, NVMe	Hard disk drive ● 1 TB 2.5-inch 7200 RPM ● 2 TB / 1 TB 2.5-inch 5400 RPM
Webcam¹	Video conferencing : ● 1280 x 720 resolution ● 720p HD audio/video recording ● Super high dynamic range imaging (SHDR)	
Wireless and networking¹	WLAN ● Killer™ Wi-Fi 6 AX 1650i ● 802.11 a/b/g/n+acR2+ax wireless LAN ● Dual Band (2.4 GHz and 5 GHz) ● 2x2 MU-MIMO technology ● Supports Bluetooth® 5.1	LAN ● Killer™ Ethernet E2600 ● 10/100/1000 Mbps ● Hibernation mode support ● Wake On Lan support ● IPv4 and IPv6 support
Security	● Firmware Trusted Platform Module (TPM) solution ● BIOS user, supervisor passwords ● Kensington lock slot	
Dimensions and weight^{10,11}	Dimensions: ● 403.5 (W) x 280 (D) x 24.9 (H) mm (15.89 x 11.02 x 0.98 inches)	Weight: ● 2.7 kg (5.95 lbs.) with 4-cell battery pack
Power adapter and battery^{12,13}	Power adapter: ● 3-pin 180 W AC adapter ● 3-pin 135 W AC adapter	Battery: ● 57.5 Wh 4-cell Li-ion battery ● Battery life up to 8 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 ● Microsoft Precision Touchpad certification ● Moisture resistant	
Windows Desktop Apps¹⁴	In-House ● Acer Care Center ● Acer Product Registration ● NitroSense	Security ● GOMTrust ● Norton™ Internet Security L3 ● PC Manager

Warranty		One-year International Travelers Warranty (ITW)	
1.	Specifications vary depending on model.	10.	Minor variations in system dimensions are possible due to the manufacturing process.
2.	64-bit software is required to enjoy the advantages of 64-bit processing.	11.	Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
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.	12.	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 by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: 11th Gen Intel® Core™ i5, FHD, SSD only, 8GB of DDR4 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
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. 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.	13.	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.
9.	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.	14.	Bundled software may vary depending on hardware configuration, OS and regional availability.

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