

acer



Aspire 7

 Windows 11

intel
CORE
i5



Elevated Design



Aluminum Top Cover



THUNDERBOLT.

Thunderbolt™ 4



Data Access

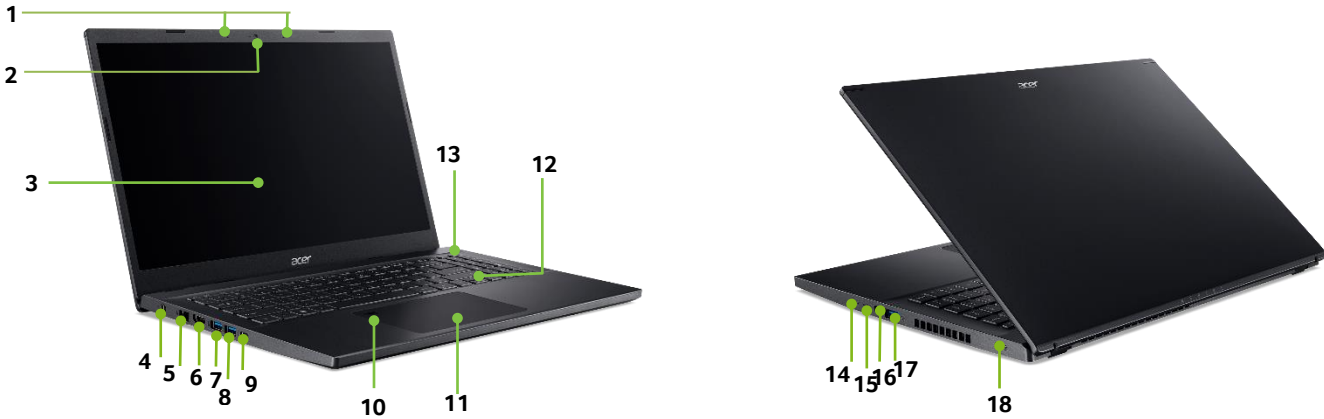


Wi-Fi 6

Ultra -Fast
Wireless
Speed

HDMI™

HIGH-DEFINITION MULTIMEDIA INTERFACE



Product views	1. Microphones 2. Webcam 3. 15.6" display 4. DC-in jack 5. RJ-45 port	6. HDMI® port 7. USB 3.2 port with power-off charging 8. USB 3.2 port 9. USB Type-C port /Thunderbolt™ 4 port	10. Fingerprint 11. Touchpad 12. Keyboard 13. Power button 14. Power indicator	15. Battery indicator 16. Headset/speaker jack 17. USB 3.2 port 18. Kensington lock slot
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Operating system ¹	Windows 11 Home			
CPU and chipset ¹	Intel® Core™ i5-12450H processor			
Memory ^{1,2,3,4}	Dual-channel DDR4 SDRAM support: Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules			
Display ⁵	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD		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 144 Hz refresh rate • Wide viewing angle up to 170 degrees • Ultra-slim design • Mercury free, environment friendly 		<ul style="list-style-type: none"> • 16:9 aspect ratio, 45% NTSC color gamut • Wide viewing angle up to 170 degrees • Ultra-slim design • Mercury free, environment friendly 	
Graphics ^{1,6}	NVIDIA® GeForce® RTX™ 3050		NVIDIA® GeForce® GTX™ 1650	
Audio	<ul style="list-style-type: none"> • Acer Purified.Voice technology with two built-in microphones. Features include far-field pickup, keystroke suppression, voice tracking, adaptive beam forming, voice recognition enhancement, three pre-defined modes: voice recognition, personal call, conference call. • Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound • Two built-in stereo speakers 			
Storage ^{1,7}	SSD: 1 TB / 512 GB, PCIe Gen4, 16 Gb/s, NVMe			
Webcam ¹	Video conferencing UFC with		<ul style="list-style-type: none"> • 1280 x 720 resolution • 720p HD video at 30 fps with Temporal Noise Reduction 	
	<ul style="list-style-type: none"> • T-Type HD camera • Compatible with Windows only 			
Wireless and networking ¹	WLAN:	<ul style="list-style-type: none"> • Intel® Wireless Wi-Fi 6E AX211 • 802.11 a/b/g/n/ac/ax wireless LAN • Band: 2.4 GHz, 5 GHz, and 6 GHz • 2x2 MU-MIMO technology • Support Bluetooth® 5.1 or above • Support CNVi interface 	<ul style="list-style-type: none"> • 802.11a/b/g/n+ax wireless LAN • Dual Band (2.4 GHz and 5 GHz) • Supports MU-MIMO RX technology • Supports Bluetooth® 5.1 or above • Wi-Fi M.2 (NGFF) 2230 PCI-E Interface 	<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 • Intel® Wireless Wi-Fi 6 AX201 • Wi-Fi CNVi Interface
Privacy control	Acer Bio-Protection fingerprint solution, Firmware Trusted Platform Module (TPM) solution. BIOS user, supervisor passwords, Kensington lock slot,			
Dimensions and weight ^{8,9}	Dimensions: • 362.3 (W) x 237.4 (D) x 19.9 (H) mm (14.26 x 9.35 x 0.78 inches)		Weight: • 2.1kg (4.63 lbs.) with 3-cell battery pack	
Power adapter and battery ^{10,11,12}	Power adapter: 3-pin 135 W AC adapter		<ul style="list-style-type: none"> • Up to 5.5 hours (based on MobileMark® 2018 test results) • Up to 8 hours (based on video playback test results) 	
	Battery: 50 Wh 3-cell Li-ion battery (for models with Full HD Panel + SSD)		Up to 8 hours (based on web browsing test results)	
Input and control	Keyboard: 99-/100-/103-key Acer backlit keyboard with international language support, with indicators of CapsLock and F4/Microphone mute Media Keys Media control keys (printed on keyboard): volume up, volume down Touchpad: Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands <ul style="list-style-type: none"> • Windows Hello Certification • Microsoft Precision Touchpad certification 			
Windows Desktop apps ¹³	<ul style="list-style-type: none"> • Acer Care Center • Acer Product Registration 		<ul style="list-style-type: none"> • Acer Configuration Manager • Quick Access 	
Warranty	One-year International Travelers Warranty (ITW)			

1. Specifications vary depending on model.
 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.
 3. Memory speed may vary, depending on the CPU, chipset or memory fitted.
 4. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
 5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
 6. Not all features indicated are supported on all SKUs.
 7. 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.
 8. Minor variations in system dimensions are possible due to the manufacturing process.
 9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
 10. 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 form and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: 12th Gen Intel® Core™ i5, NVIDIA® GeForce RTX™ 3050, FHD, SSD only, 16GB of DDR4 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Batter Battery Mode on.
 11. Listed battery life is based on testing using Web browsing. The test clip loops the loading of 50 selected websites using Microsoft Edge every 30 seconds, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip form and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: 12th Gen Intel® Core™ i5, NVIDIA® GeForce RTX™ 3050, FHD, SSD only, 16GB of DDR4 memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.
 12. 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.
 13. Bundled software may vary depending on hardware configuration, OS and regional availability.