



Product views	1. Webcam and microphones 2. Eye tracking sensors 3. 15.6" LCD display 4. Noble lock 5. USB 3.2 Gen 2 port with power-off charging 6. Two Thunderbolt™ 4 / USB Type-C™ ports (USB 3.2 Gen 2) 7. Headset/speaker jack 8. Power button with fingerprint reader 9. Backlit keyboard 10. Touchpad 11. SD card reader 12. DisplayPort™ 13. HDMI® port 14. USB 3.2 Gen 2 port 15. Ethernet (RJ-45) port 16. Power connector (DC-in)
Operating system¹	Windows 11 Pro
CPU and chipset¹	Intel® Core™ i7-11800H processor Mobile Intel® HM570 PCH Chipset
Memory^{1, 2, 3, 4}	Dual-channel DDR4 SDRAM support • Up to 32 GB of DDR4 system memory, upgradable to 64 GB using two soDIMM modules
Display^{5, 6}	15.6" display with IPS (In-Plane Switching) technology, Ultra HD 3840 x 2160 in 2D mode, LED-backlit TFT LCD • Acer ColorBlast technology, Pantone® validated, Delta E < 2 • 16:9 aspect ratio, 100% Adobe RGB color gamut • 3D Stereoscopic module for SpatialLabs, 1920 x 2160 in 3D mode
Graphics^{1, 7}	NVIDIA® GeForce RTX™ 3080 with 8 GB of dedicated GDDR6VRAM NVIDIA® GeForce RTX™ 3070 with 8 GB of dedicated GDDR6VRAM
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 • Compatible with Cortana with Voice • Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound • Acer Purified.Voice technology with dual built-in microphones. Features include far-field pickup, keystroke suppression, adaptive beam forming, and pre-defined personal and conference call modes.
Storage^{1, 8}	Solid state drive: • 1 TB / 2 TB, NVMe, RAID 0 SSD • 512 GB / 1 TB, PCIe Gen 4, 16 Gb/s, NVMe
Webcam¹	HD camera with: • 1280 x 720 resolution • 720p HD audio/video recording • Super high dynamic range imaging (SHDR) Acer camera with: • 1280 x 480 resolution (VGA x 2) • SpatialLabs Eye-Tracking technology
Wireless and networking¹	WLAN: • Intel® Wireless Wi-Fi 6 AX201 • 802.11a/b/g/n/ac/2+ax wireless LAN • Dual Band (2.4 GHz and 5 GHz) LAN: • Gigabit Ethernet, Wake-on-LAN ready • 2x2 MU-MIMO technology • Supports Bluetooth® 5.1 • Wi-Fi CNVi Interface
Security¹	BIOS user, supervisor Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification Discrete Trusted Platform Module (TPM) solution Noble Lock TZ08
Dimensions and weight^{9, 10}	Dimensions: 358.5 (W) x 260 (D) x 25.4 (H) mm (14.11 x 10.24 x 1 inches) Weight: 2.5 kg (5.51 lbs.) with 4-cell battery pack, solid state drive
Power adapter and battery¹¹	Power adapter: 3-pin 230 W 5.5 PHY White AC adapter / 3-pin 230 W 5.5 PHY AC adapter Battery: 84 Wh 4-cell Li ion battery
Input and control	Keyboard: 87-/88-/91-key FineTip keyboard with Home, End, Pg Up, Pg Dn keys, international language support, power button Touchpad: Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Moisture resistant • Microsoft Precision Touchpad certification
Sensors	Accelerometer (G-sensor)
Windows Desktop apps¹²	• Acer Care Center • Acer Product Registration
System compliance	ENERGY STAR®
Warranty	One-year International Travelers Warranty (ITW)
Others	Reset hole

- 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.
- A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
- All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
- 3D glasses and 3D content are required to enable 3D effects.
- Not all features indicated are supported on all SKUs.
- 1 GB is 1 billion bytes. 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.
- 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.

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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