

PREDATOR

A CHILL WIND LIES WITHIN



PREDATOR TRITON 500 SE

5th Gen AeroBlade™ 3D Cooling + Liquid Metal Thermal Grease

UP TO
12TH GEN INTEL® CORE™ i9 PROCESSOR¹

UP TO
NVIDIA® GEFORCE RTX™ 30 SERIES LAPTOP GPU¹

16" WQXGA (2560 X 1600), 240HZ¹ / 3MS²,
NVIDIA® G-SYNC®

5TH GEN AEROBLADE™ 3D FAN
TECHNOLOGY, VORTEX FLOW

IT LIES WITHIN. POWERED BY INTEL®.
Intel® Core™ i9 Processor



5th Gen AeroBlade™

intel.
CORE

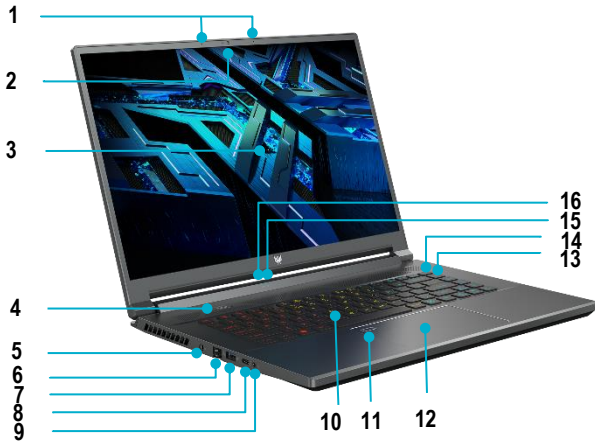
i9

Specifications may vary depending on model and/or region. All models subject to availability.

¹See website for more details. ©2021 Intel. All rights reserved.

²Includes the effect of Intel® Thermal Velocity Boost (TVB). Frequency goes up and down and is only guaranteed on workload and other conditions.

Intel, the Intel logo, the Intel Inside logo and Intel Core are trademarks of Intel Corporation or its subsidiaries.



Product views	<ol style="list-style-type: none"> 1. Microphones 2. Webcam 3. 16.0" display 4. TURBO key 5. Power connector (DC-in) 6. Ethernet (RJ-45) port 7. USB 3.2 Gen 2 port with power-off charging 8. USB Type-C™ port (Thunderbolt™ 4) 9. Headset/speaker jack 10. Keyboard 11. Fingerprint reader 12. Touchpad 13. PredatorSense key 14. Power button 15. Power indicator 16. Battery indicator 17. SD™ 7.0 card reader 18. USB 3.2 Gen 2 port 19. HDMI® 2.1 port 20. Kensington lock slot
Operating system¹	Windows 11 Home
CPU and chipset¹	Intel® Core™ i9-12900H processor
Memory^{1, 2, 3}	<p>Intel® Core™ i7-12700H processor</p> <p>Dual-channel LPDDR5 SDRAM support:</p> <ul style="list-style-type: none"> ● 32 / 16 GB of onboard LPDDR5 system memory Memory Frequency: Up to 4800 MT/s
Display⁴	<p>16.0" display with IPS (In-Plane Switching) technology, WQXGA 2560 x 1600, high-brightness (500 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 240 Hz</p> <ul style="list-style-type: none"> ● 16:10 aspect ratio, DCI-P3 100% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly
Graphics¹	<ul style="list-style-type: none"> ● NVIDIA® GeForce® RTX™ 3080 Ti with 16 GB of dedicated GDDR6 VRAM ● NVIDIA® GeForce® RTX™ 3070 Ti with 8 GB of dedicated GDDR6 VRAM
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 dual built-in microphones. Features include far-field pickup, keystroke suppression, adaptive beam forming, and pre-defined personal and conference call modes. ● Compatible with Cortana with Voice ● Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound
Storage^{1, 5}	<p>Solid state drive:</p> <ul style="list-style-type: none"> ● 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe ● 1 TB / 2 TB, NVMe, RAID 0 SSD
Webcam¹	<p>UFC with</p> <ul style="list-style-type: none"> ● Narrow USB FHD camera with blue glass ● Compatible with Windows ● 1920 x 1080 resolution ● 1080p HD video at 60 fps with Temporal Noise Reduction ● Dual Mic (33 mm + 33 mm) ● 86 x 3.2 x 2.55 mm
Wireless and networking¹	<p>WLAN:</p> <ul style="list-style-type: none"> ● Killer Wireless Wi-Fi 6E 1675 ● 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® 5.2 and above <p>LAN:</p> <ul style="list-style-type: none"> ● Killer™ Ethernet E3100G ● 2.5G Ethernet ● Killer Control Center ● Lag and Latency Reduction™ Technology ● Advanced Stream Detect™ 2.0 ● Killer DoubleShot™ Pro enabled ● GameFast™ Technology
Privacy control¹	BIOS user, supervisor
Security	Kensington lock slot
Dimensions and weight^{6, 7}	<p>Dimensions: 358.5 (W) x 262.4 (D) x 19.9 (H) mm (14.11 x 10.33 x 0.78 inches) with Metal A Cover</p> <p>Weight: 2.4 kg (5.29 lbs.) with 4-cell battery pack, solid state drive</p>
Power adapter and battery⁸	<p>Power adapter:</p> <ul style="list-style-type: none"> ● 3-pin Z30 W 5.5 PHY AC adapter <p>Battery: 99.98 Wh 4-cell Li-ion battery</p>
Input and control	<p>Keyboard: 86-/87-/90-key Acer FineTip RGB backlit keyboard with Media keys, international language support, power button</p> <p>Touchpad: Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands</p> <ul style="list-style-type: none"> ● Microsoft Precision Touchpad certification ● Moisture resistant ● No Deadzone ● Windows Hello Certification ● Protecting Against Fingerprint Spoofing <p>Control Keys</p> <p>Turbo Key</p> <ul style="list-style-type: none"> ● Acer Care Center ● Acer Product Registration
Windows Desktop Apps⁹	<ul style="list-style-type: none"> ● Planet9 ● PredatorSense
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. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
 5. 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.
 6. Minor variations in system dimensions are possible due to the manufacturing process.
 7. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
 8. 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. 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.
 © 2022. All rights reserved.

Microsoft and Windows are registered trademarks of Microsoft Corporation.
 Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Intel Evo, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, Intel Agilex, Arria, Cyclone, Movidius, eASIC, Enpirion, Iris, MAX, Intel RealSense, Stratix, and Intel Optane are trademarks of Intel Corporation or its subsidiaries.

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.