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 PROCESSOR[1]

UP TO
NVIDIA® GEFORCE RTX™ 30 SERIES LAPTOP GPU[1]

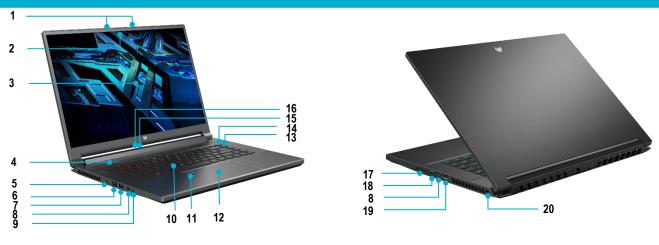**16" WQXGA (2560 X 1600), 240HZ**[1] **/ 3MS**[2]**, NVIDIA® G-SYNC®**

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

5th Gen AeroBlade™

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

intel. CORe i9

Product views	1.	Microphones	8.	USB Type-C™ port (Thunderbolt™ 4)	15.	Power indicator
	2.	Webcam	9.	Headset/speaker jack	16.	Battery indicator
	3.	16.0" display	10.	Keyboard	17.	SD™ 7.0 card reader
	4.	TURBO key	11.	Fingerprint reader	18.	USB 3.2 Gen 2 port
	5.	Power connector (DC-in)	12.	Touchpad	19.	HDMI® 2.1 port
	6.	Ethernet (RJ-45) port	13.	PredatorSense key	20.	Kensington lock slot
	7.	USB 3.2 Gen 2 port with power-off charging	14.	Power button		

Operating system[1]	Windows 11 Home
CPU and chipset[1]	Intel® Core™ i9-12900H processor / Intel® Core™ i7-12700H processor
Memory[1, 2, 3]	Dual-channel LPDDR5 SDRAM support: ● 32 / 16 GB of onboard LPDDR5 system memory Memory Frequency : Up to 4800 MT/s
Display[4]	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 ● 16:10 aspect ratio, DCI-P3 100% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly
Graphics[1]	● 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	● 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]	Solid state drive: ● 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe ● 1 TB / 2 TB, NVMe, RAID 0 SSD
Webcam[1]	UFC with ● 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 networking[1]	WLAN: ● 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 LAN: ● 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 control[1]	BIOS user, supervisor
Security	Kensington lock slot
Dimensions and weight[6, 7]	**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 **Weight:** 2.4 kg (5.29 lbs.) with 4-cell battery pack, solid state drive
Power adapter and battery[8]	**Power adapter:** ● 3-pin 230 W 5.5 PHY AC adapter **Battery:** 99.98 Wh 4-cell Li-ion battery
Input and control	**Keyboard:** 86-/87-/90-key Acer FineTip RGB backlit keyboard with Media keys, international language support, power button **Touchpad:** Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands ● Microsoft Precision Touchpad certification ● Moisture resistant ● No Deadzone ● Windows Hello Certification ● Protecting Against Fingerprint Spoofing **Control Keys** Turbo Key
Windows Desktop Apps[9]	● Planet9 ● PredatorSense ● Acer Care Center ● Acer Product Registration
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.

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.