

PREDATOR TRITON 500

Marketing Name

PREDATOR TRITON 500






Model Name

PT515-51







	15.6"	17.3"	21"
900 series		Triton 900 (Raptor_CFS) 	21 X (Eagle_KLS) 
700 series	Triton 700 (Falcon_KLS) 	Helios 700 (Levante_CFS) 	
500 series	Triton 500 (Ghibli_CFS) 	Helios 500 (Cayman_CFS/ Cayman_PRS) 	
300 series	Triton 300 (Auris_CFS) Helios 300 (Covini_CFS) 	Helios 300 (Alphard_CFS) 	



PREDATOR TRITON 500

The Triton 500 has one place—at your side, at all times. Infused with an 9th Intel® Core™ i7 Processor* and GeForce RTX™ 2080* with Max-Q Design, this laptop was forged to obliterate your games, empower your creativity and inspire envy from friends and family alike. All this on a 300Hz*/3ms display.

* Information based on 2019 PT515-51 model of Triton 500 laptop line:
CPU: 9th Gen Intel® Core™ i7-9750H; MEMORY: 32GB DDR4 RAM @ 2666Mhz; AUDIO ENGINE: Waves MaxxAudio, Waves NX; GRAPHICS: GeForce RTX™ 2080 with Max-Q Design. Specifications may vary depending on model and/or region. All models subject to availability.



Target Audience

Core / Every-day Gamer / Streamer

This laptop is designed for gamers who want their cake and to eat it whole. It allows them to play at home or at work while offering up desktop-like performance. Beyond its sheer gaming performance, it easily tackles any creative endeavors as well. This is of particular importance for streamers, especially those who regularly attend conventions and must edit and render at a moment's notice.

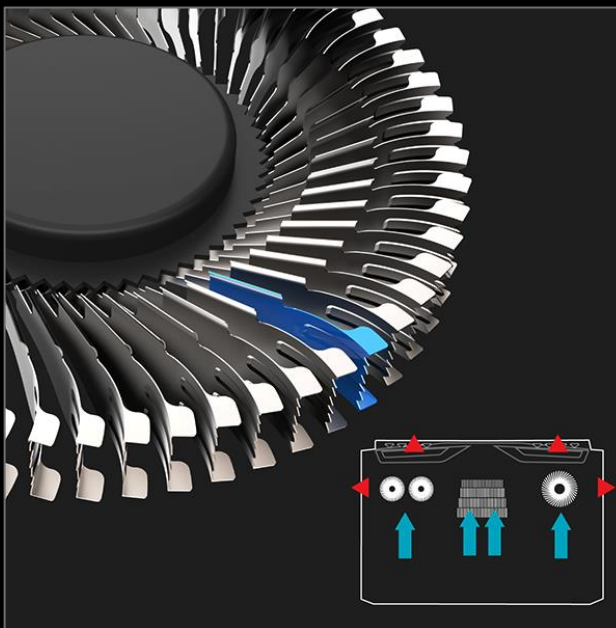




1. TAKE IT WITH YOU

No sacrifices were made in designing the 17.9 mm, 2.1 kg easily portable Triton 500. To those who encounter the all-metal¹ beast from afar, it makes its presence known with the LED-lit Predator-emblazoned cover. Take in more gameplay with the narrow-border display and its 81% screen-to-body² ratio.

1. Aluminum Alloy includes top, base and bottom covers. User-facing frame is composed of plastic.
2. When referring to the screen, the measurement given refers to the area of the active display area and bezel opening. The R/L side bezel width is 6.3 mm.



2. JUST COOL IT

With inspiration from the stealth of an owl, 4th gen. AeroBlade™ 3D Fan Technology provides superior cooling while reducing overall noise. This, the three-fan cooling system and five copper heat pipes maintain a constant chill. Listen closely as they whisper, “Game on, my friend. Game on.”



3. WOAH. JUST, WOAH.

Speed and power truly define this machine. Residing within the metallic shell are an 9th Gen Intel® Core™ i7-9750H processor, a GeForce RTX™ 2080 with Max-Q Design, DDR4 memory at 2666MHz and two 512GB* PCIe NVMe SSDs in Raid 0*. The result? Absolutely insane performance that craves real challenges.

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4. BRING ON THE GAME!

The 300Hz* IPS display with 3ms Overdrive Response Time and frame-syncing power of NVIDIA® G-SYNC® Technology* make kicking this laptop into high gear a tear-free, seamless experience. Go a step further with the empowering sound of Waves MaxxAudio® and the 3D acoustic creation of Waves NX®.



5. LETS GO BESPOKE

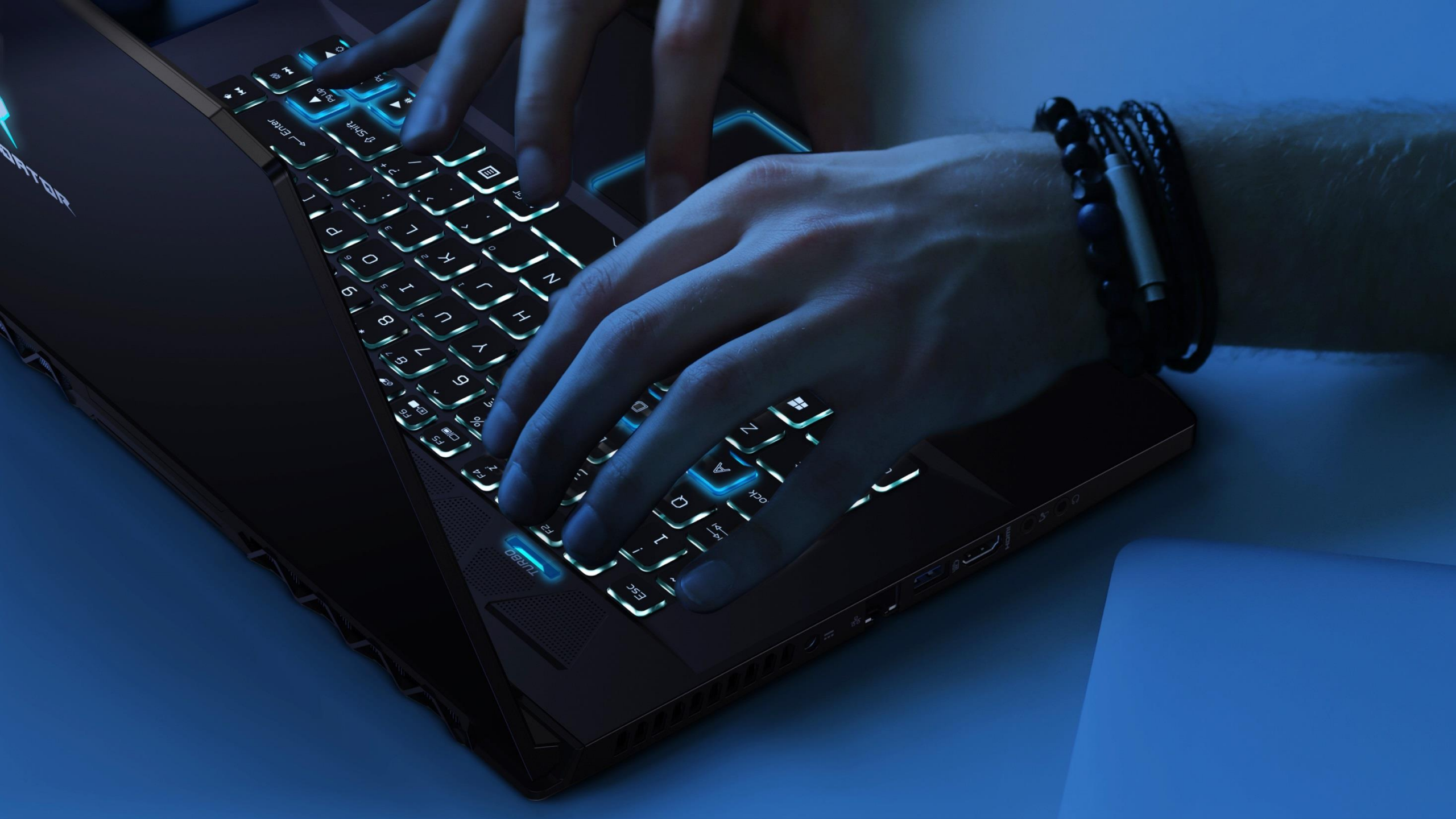
The customized keyboard uses our own Predator typeface, has see-through concave-shaped keycaps for WASD and features two integral keys to take note of: Turbo and PredatorSense™. Tap Turbo for instant overclocking or hit PredatorSense™ to access overclocking, Overdrive, RGB lighting and more.



6. I WANT MORE

No one wants to lose a match due to latency. It's heartbreaking. Enter, Killer DoubleShot™ Pro – here to handle your web woes with Killer Control Center. And if you feel like expanding your vision, hook up to three external displays through the HDMI, Intel® Thunderbolt™ 3 and mini DP ports.

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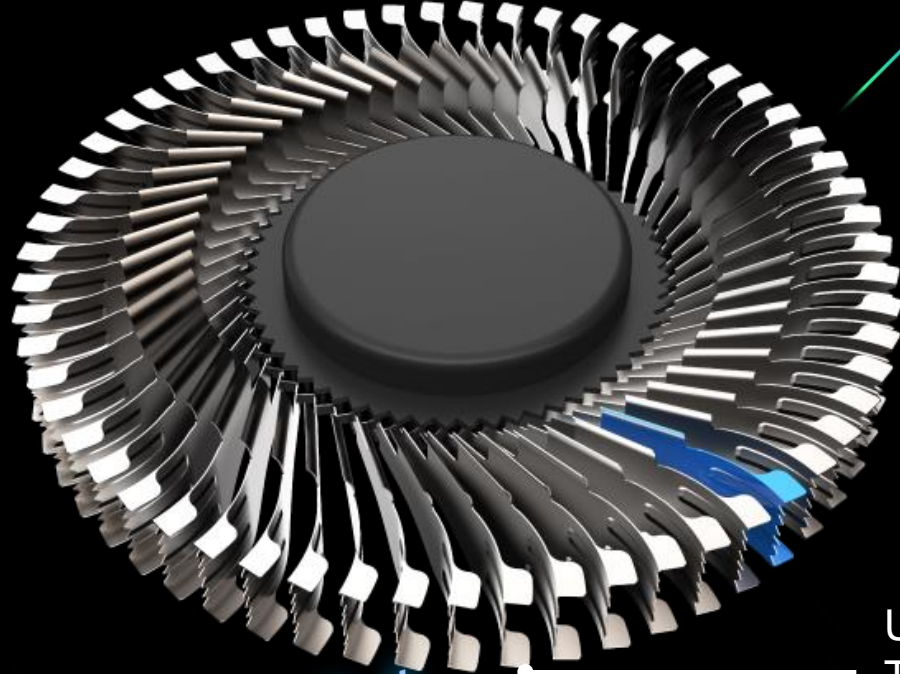


Advanced Thermal Design

The Triton 500 utilizes three thermal solutions to maximize cooling efficiency. These are the latest AeroBlade™ 3D Technology, a three-fan system and five heat pipes. The advanced design allows the system to unleash its true potential without any potential chance for throttling to occur.

Compressed Cooling:

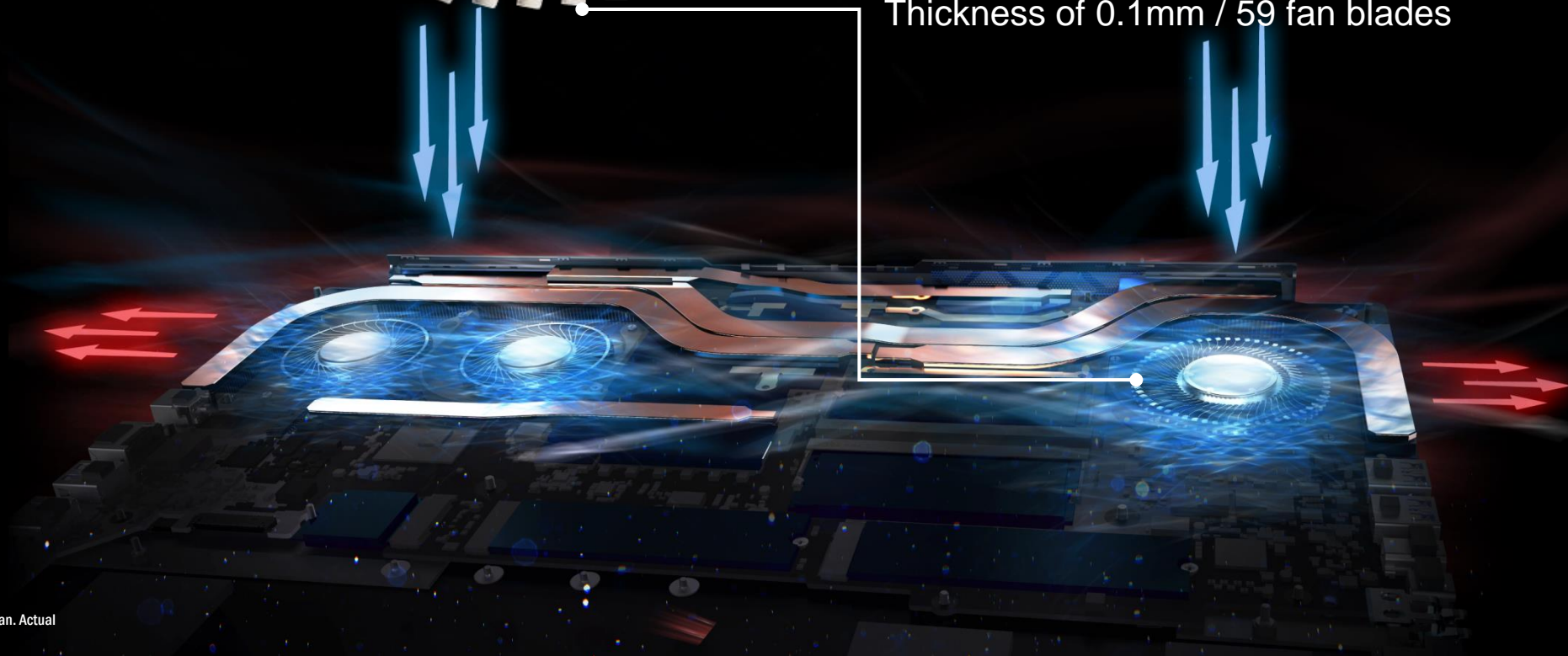
- 4th Gen AeroBlade™ 3D Technolog
- Five Heat Pipes
- Three-fan Cooling System
- CoolBoost™ technology
- Strategically placed intake and exhaust



4th Gen AeroBlade™ 3D Fan:

The latest gen was inspired by silent owl flight mechanics to maximize airflow and minimize noise. Changes include a serrated edge, winglets along the top and bottom as well as the curved fin along the inner portion of each blade.

Up to +45% improvement in airflow*
Thickness of 0.1mm / 59 fan blades



* The performance is based on the comparison with same dimension of plastic fan. Actual airflow will vary based on site conditions, size of fan and other factors.

Evolutionary Keyboard

We've redesigned the keyboard of the Triton 500 to improve on usability, functionality and the overall look.

What's included:

Iconic Predator Typeface

3-zone RGB

Enlarged space key

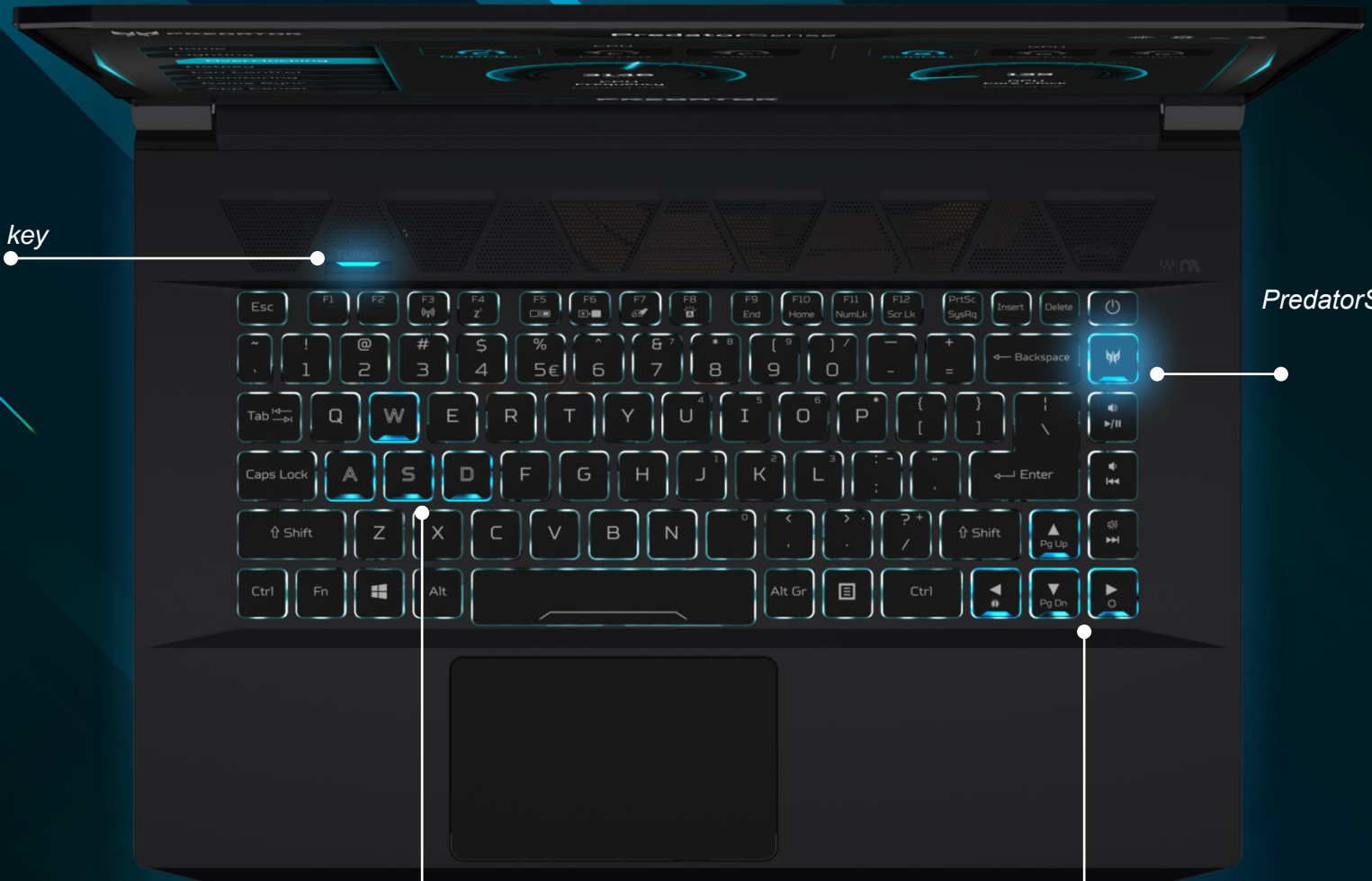
Concave-shaped See-through Keycaps for

- WASD
- TURBO / PredatorSense™ (new hotkeys!)
- Arrows

TURBO key

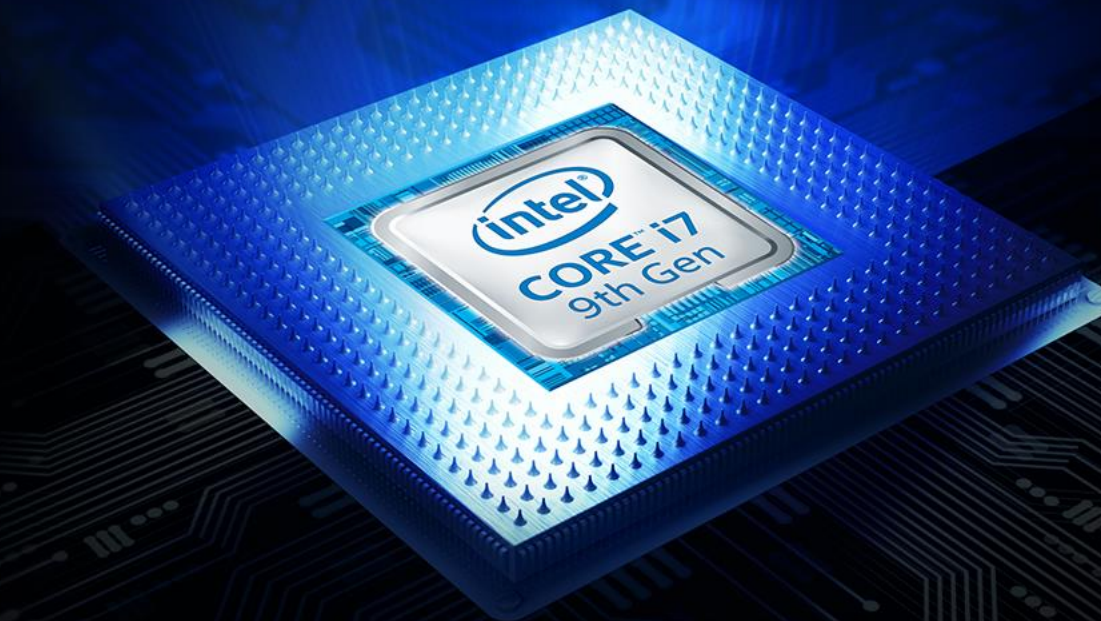
PredatorSense™ key

Concave-shaped See-through Keycaps for WASD & Arrows



The most powerful generation of Intel® Core™ mobile processors ever

Play at high settings in any setting. 9th Gen Intel® Core™ processors enable amazing immersive AAA game play with up to 56%¹ FPS improvement on games like Total War: War Hammer II. Game –Record –Stream without compromise to broadcast HD live streams around the world up to 65%² better than a 3-year old PC.



Up to
56%
Faster Game FPS

1

Up to
38%
Faster Game Turn Time

3

VS.
3 YEAR OLD
SYSTEM

*Based on Intel official document "9th Gen Intel Core Mobile Processors (H-series) 30-3-30 - Final"

*Specifications vary depending on model and region

1. As measured by Total War: WARHAMMER II (SkavenLab Mode) FPS Workload comparing 9th Gen Intel® Core™ i7-9750H vs. 6th Gen Intel® Core™ i7-6700HQ

2. As measured by Mega-tasking Gaming Scenario on Black Ops 4 comparing 9th Gen Intel® Core™ i7-9750H vs. 6th Gen Intel® Core™ i7-6700HQ

3. As measured by Civilization 6 Turn Time Workload comparing 9th Gen Intel® Core™ i7-9750H Processor vs. 6th Gen Intel® Core™ i7-6700HQ Processor

RTX IT'S ON.

Incredibly fast, quiet performance. Real-time ray tracing and AI-enhanced graphics. And the mobility of the world's thinnest and lightest designs. All powered by the NVIDIA Turing™ GPU architecture and the groundbreaking RTX platform. It's everything you want to game your best. And it's only in GeForce RTX gaming laptops.

The world's first ray-tracing gaming laptops: Ray tracing is forever changing the way you'll experience your favorite titles. It simulates the true behavior of light to bring real-time, cinematic-quality rendering to the most visually intense games.



Immersive Audio Experience

Waves Nx™

Waves Nx uses state of the art physical modeling that delivers a realistic and convincing listening experience, by virtually mimicking the immersion of ultra-high-end speakers in a perfectly acoustically treated space.

With your headphones on, you're given a natural, three-dimensional listening experience.

Waves MaxxAudio®

MaxxBass®

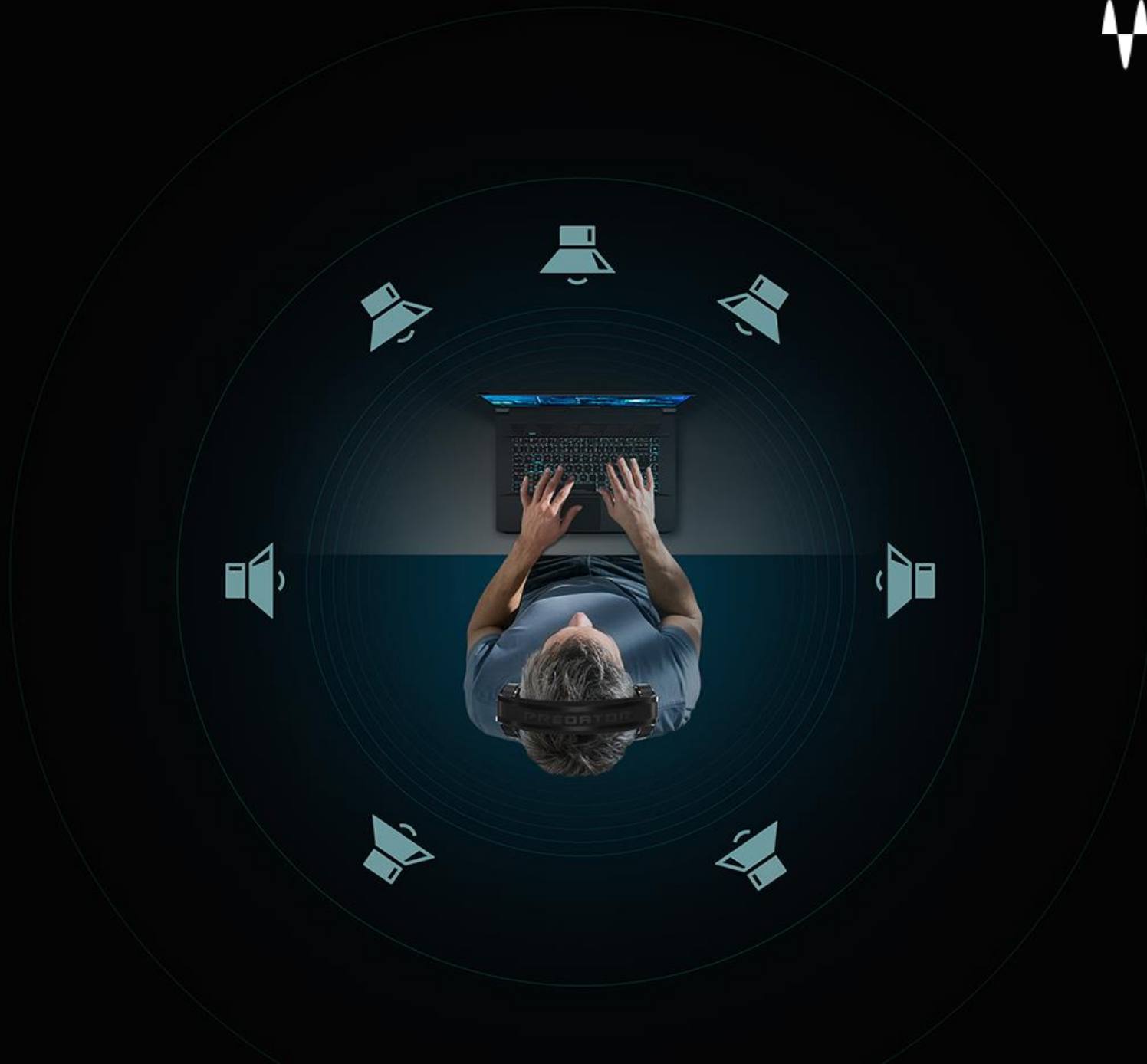
Intelligent bass enhancement.

MaxxDialog™

Intelligent dialog booster.

MaxxVolum®

Intelligent volume enhancer.





	A Cover (Top)	B Cover (Screen)	C Cover (Keyboard)	D Cover (Bottom)
Color	Abyssal Black	-	Abyssal Black	Abyssal Black
Material	Aluminum	Plastic	Aluminum	Aluminum
Finish	Anodized	Texture	Anodized	Anodized





Three diagonal cyan lines are positioned on a black background. One line runs from the top-left towards the bottom-right, another from the top-right towards the bottom-left, and a third from the bottom-left towards the top-right, creating a star-like pattern.

THE BEST IS YET TO COME