



# PREDATOR TRITON 500

PT515-51

Windows 10



**NVIDIA**  
Overclockable  
GeForce RTX™  
2080

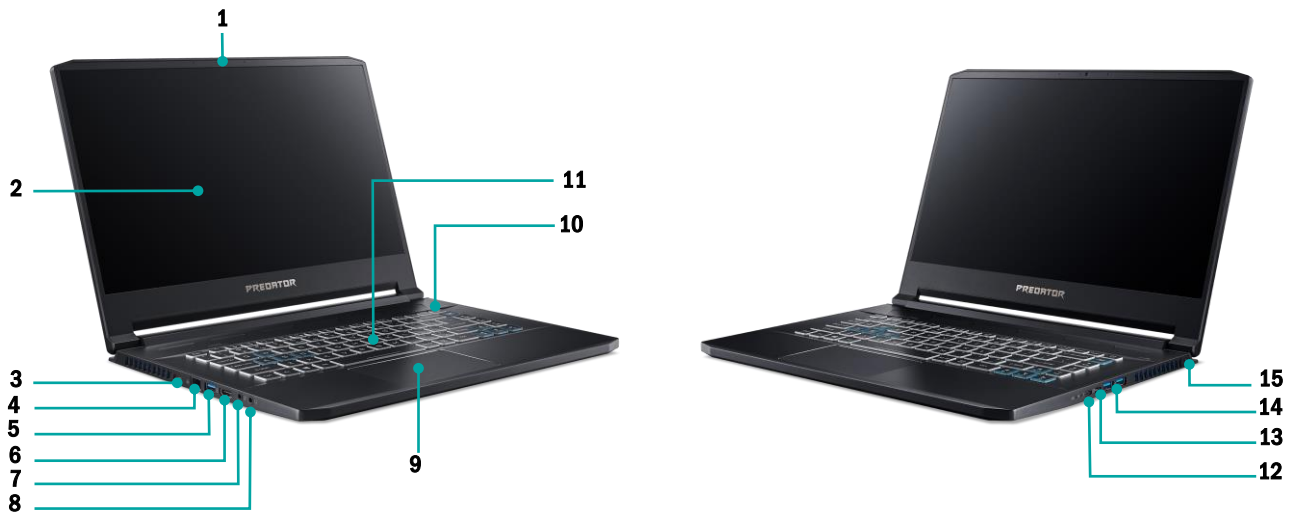
**Thin!**  
17.9 mm  
Form Factor

**81.3%**  
Screen to  
Body Ratio

**4<sup>th</sup> Gen  
AeroBlade™ 3D  
Technology**

**3ms**  
Anti-ghosting  
3ms Overdrive  
Response Time

**Killer  
DoubleShot™ Pro**



<b>Product views</b>	<ol style="list-style-type: none"> <li>1. Webcam and microphones</li> <li>2. 15.6" LCD display</li> <li>3. Power connector (DC-in)</li> <li>4. Ethernet (RJ-45) port</li> <li>5. USB 3.1 Gen 1 port</li> <li>6. HDMI® port</li> <li>7. Mic-in jack</li> <li>8. Headset/speaker jack</li> <li>9. Touchpad</li> <li>10. Power button</li> <li>11. Backlit keyboard</li> <li>12. Thunderbolt™ 3 / USB Type-C™ port (USB 3.1 Gen 2)</li> <li>13. Mini DisplayPort™</li> <li>14. Two USB 3.1 Gen 1 ports</li> <li>15. Kensington lock slot</li> </ol>			
<b>Operating system<sup>1,2</sup></b>	Windows 10 Home 64-bit			
<b>CPU and chipset<sup>1</sup></b>	Intel® Core™ i7-8750H processor			
<b>Memory<sup>1,3,4,5</sup></b>	Dual-channel DDR4 SDRAM support: <ul style="list-style-type: none"> <li>Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules</li> </ul>			
<b>Display<sup>6</sup></b>	<table border="0"> <tr> <td>                     15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 144 Hz, 3 ms Overdrive, and G-sync.  <ul style="list-style-type: none"> <li>16:9 aspect ratio, NTSC 72%</li> <li>Wide viewing angle up to 170 degrees</li> <li>Ultra-slim design</li> <li>Mercury free, environment friendly</li> </ul> </td> <td>                     15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 144 Hz and 3 ms Overdrive  <ul style="list-style-type: none"> <li>16:9 aspect ratio, NTSC 72%</li> <li>Wide viewing angle up to 170 degrees</li> <li>Ultra-slim design</li> <li>Mercury free, environment friendly</li> </ul> </td> </tr> </table>	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 144 Hz, 3 ms Overdrive, and G-sync. <ul style="list-style-type: none"> <li>16:9 aspect ratio, NTSC 72%</li> <li>Wide viewing angle up to 170 degrees</li> <li>Ultra-slim design</li> <li>Mercury free, environment friendly</li> </ul>	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD, supporting 144 Hz and 3 ms Overdrive <ul style="list-style-type: none"> <li>16:9 aspect ratio, NTSC 72%</li> <li>Wide viewing angle up to 170 degrees</li> <li>Ultra-slim design</li> <li>Mercury free, environment friendly</li> </ul>	
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<b>Webcam<sup>1</sup></b>	HD webcam with 1280 x 720 resolution, 720p HD audio/video recording and Super high dynamic range imaging (SHDR)			
<b>Wireless and networking<sup>1</sup></b>	<table border="0"> <tr> <td> <b>WLAN:</b>  <ul style="list-style-type: none"> <li>Killer™ Wireless-AC 1550 / 1550i</li> <li>802.11a/b/g/n/ac wireless LAN</li> <li>Dual Band (2.4 GHz and 5 GHz)</li> <li>2x2 MU-MIMO technology</li> <li>Support Bluetooth® 5.0</li> </ul> </td> <td> <b>WPAN:</b>  <ul style="list-style-type: none"> <li>Bluetooth® 5.0</li> </ul> <b>LAN:</b>  <ul style="list-style-type: none"> <li>Killer™ Ethernet E3000</li> <li>Gigabit Ethernet</li> <li>Wake-on-LAN ready</li> </ul> </td> </tr> </table>	<b>WLAN:</b> <ul style="list-style-type: none"> <li>Killer™ Wireless-AC 1550 / 1550i</li> <li>802.11a/b/g/n/ac wireless LAN</li> <li>Dual Band (2.4 GHz and 5 GHz)</li> <li>2x2 MU-MIMO technology</li> <li>Support Bluetooth® 5.0</li> </ul>	<b>WPAN:</b> <ul style="list-style-type: none"> <li>Bluetooth® 5.0</li> </ul> <b>LAN:</b> <ul style="list-style-type: none"> <li>Killer™ Ethernet E3000</li> <li>Gigabit Ethernet</li> <li>Wake-on-LAN ready</li> </ul>	
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<b>Privacy control<sup>1</sup></b>	BIOS user, supervisor, HDD passwords Kensington lock slot			
<b>Dimensions and weight<sup>6,10</sup></b>	<b>Dimensions:</b> 358.5 (W) x 255 (D) x 17.9 (H) mm (14.11 x 10.04 x 0.7 inches) <b>Weight:</b> 2.1 kg (4.63 lbs.) with 4-cell battery pack			
<b>Power adapter and battery<sup>11</sup></b>	<b>Power adapter:</b> 3-pin 180 W AC adapter <b>Battery:</b> 84 Wh 5550 mAh 15.2 V 4-cell Li-ion battery pack Battery life up to 8 hours			
<b>Input and control</b>	<table border="0"> <tr> <td> <b>Control Keys:</b>            Turbo key  <b>Keyboard:</b> 86-/87-/90-key Acer FineTip RGB backlit keyboard with Media keys, international language support, power button         </td> <td> <b>Touchpad:</b> Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands  <ul style="list-style-type: none"> <li>Microsoft Precision Touchpad certification</li> <li>Moisture resistant</li> </ul> </td> </tr> </table>	<b>Control Keys:</b> Turbo key <b>Keyboard:</b> 86-/87-/90-key Acer FineTip RGB backlit keyboard with Media keys, international language support, power button	<b>Touchpad:</b> Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> <li>Microsoft Precision Touchpad certification</li> <li>Moisture resistant</li> </ul>	
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<b>Warranty</b>	One-year International Travelers Warranty (ITW)			

1. Specifications vary depending on model.  
 2. 64-bit software is required to enjoy the advantages of 64-bit processing.  
 3. 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.  
 4. Memory speed may vary, depending on the CPU, chipset or memory fitted.  
 5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.  
 6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.  
 7. Resolution/refresh rates depend on display capability and color/depth settings.  
 8. 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.  
 9. Minor variations in system dimensions are possible due to the manufacturing process.  
 10. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.  
 11. Listed battery life is based on MobileMark 2014\* productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.  
 12. 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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 Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, and Intel Optane are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

**About Acer**

Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ 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](http://www.acer.com) for more information.