



# RAW POWER

## Predator Orion 5000

- 8<sup>th</sup> Gen Intel® Core™ i7+ Processor\*
- EMI Compliant DIY Adaptable Chassis
- NVIDIA® GeForce® GTX 1080 Ti SLI\*
- IceTunnel 2.0

\*Information based on P05-610 model of Predator Orion 5000 desktop line:

**CPU:** 8th Gen Intel® Core™ i7-8700K; **MEMORY:** 64GB Dual-channel DDR4 RAM @ 2666MHz; **AUDIO:** Realtek ALC1220; **AUDIO ENGINE:** CREATIVE Sound BlasterX® 720\*; **GRAPHICS:** NVIDIA® GeForce® GTX 1080 SLI

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



Ultimate graphics platform for VR



Faster Data Transit  
2666 MHz



IceTunnel 2.0 thermal system



Data Access



Up to 4X faster storage performance



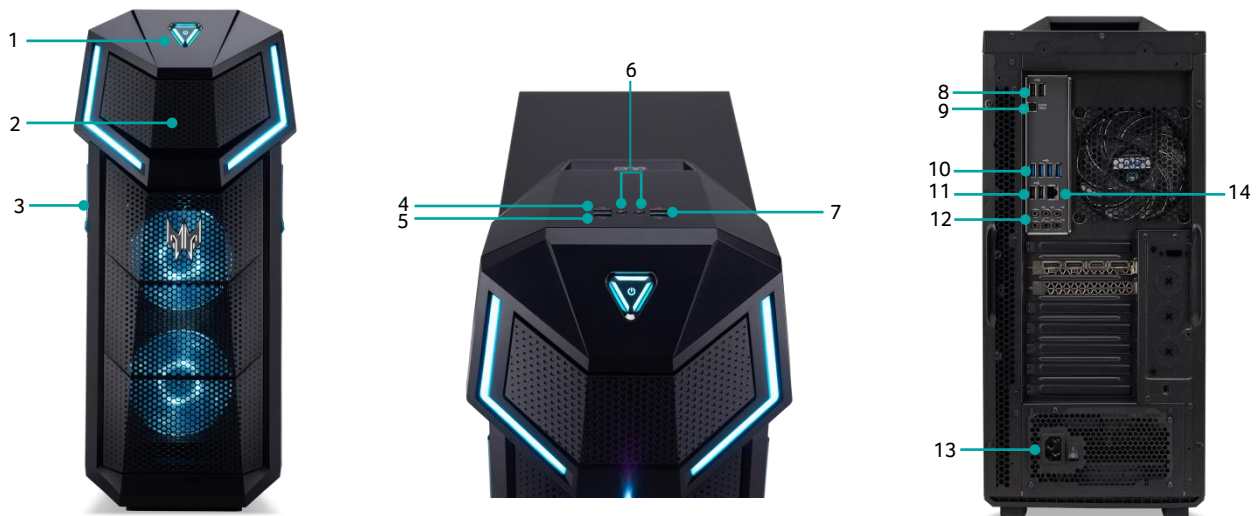
PredatorSense



Sound Blaster



802.11ac  
Wireless Connection



<b>Product views</b>	<ol style="list-style-type: none"> <li>Power button</li> <li>Optical media drive</li> <li>Headset cradle</li> <li>USB Type-C™ port</li> <li>USB 3.1 Gen 1 port</li> </ol>	<ol style="list-style-type: none"> <li>Headset/microphone jacks</li> <li>Two USB 3.1 Gen 1 ports</li> <li>Clear CMOS button</li> <li>Four USB 3.1 Gen 1 ports</li> </ol>	<ol style="list-style-type: none"> <li>Two USB 2.0 ports</li> <li>Six audio jacks</li> <li>Power connector</li> <li>Ethernet (RJ-45) port</li> </ol>
<b>Operating system<sup>1,2</sup></b>	Windows 10 Home 64-bit.		
<b>CPU and chipset<sup>1</sup></b>	<b>8th Generation Intel® Core™ i7+</b> processors, Intel® UHD Graphics 630 <b>8th Generation Intel® Core™ i5+</b> processors, Intel® UHD Graphics 630 Chipset: Intel® Z370 Express Chipset		
<b>Memory<sup>1,3,4</sup></b>	16 GB / 8 GB / 4 GB DDR4 2666 MHz UDIMM Up to 64 GB of Dual-channel DDR4 2666 MHz		
<b>Storage<sup>1,5</sup></b>	<b>Hard disk drive</b> <ul style="list-style-type: none"> <li>3 TB / 2 TB / 1 TB 3.5-inch 7200 RPM</li> <li>512 GB / 256 GB M.2 2280 PCI-E SSD</li> <li>Intel® Optane Memory 32 GB / 16 GB PCIe M.2 2280</li> </ul>		
<b>Optical media drive</b>	16X DVD-RW drive, tray-load, M-DISC Ready™		
<b>Graphics<sup>6</sup></b>	<b>NVIDIA® GeForce® GTX 1080 TI</b> with 11 GB of GDDR5X <b>NVIDIA® GeForce® GTX 1080</b> with 8 GB of GDDR5X <b>NVIDIA® GeForce® GTX 1070</b> with 8 GB of GDDR5 <b>NVIDIA® GeForce® GTX 1060</b> with 6 GB of GDDR5		
<b>Audio</b>	Creative Sound BlasterX 720°		
<b>Communication</b>	<b>WLAN</b> <ul style="list-style-type: none"> <li>802.11ac/a/b/g/n, aggregate bandwidth up to 867 Mb/s</li> <li>Bluetooth® 4.2 LE</li> <li>Killer™ E2400 Gigabit Ethernet</li> </ul>		
<b>Expansion slot(s)</b>	M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1	PCIe x16 slot: 2 PCIe x1 slot: 2	
<b>Windows Desktop Apps<sup>7</sup></b>	<b>Search</b> <ul style="list-style-type: none"> <li>PredatorSense</li> </ul>		
<b>Dimensions</b>	253 (W) x 520 (D) x 563 (H) mm (9.96 x 20.47 x 22.17 inches)		
<b>Power supply and adapter</b>	<b>Power supply</b> <ul style="list-style-type: none"> <li>730 W PFC, auto-sensing, 80PLUS Gold, ATX</li> </ul>	<ul style="list-style-type: none"> <li>500 W single-rail 12 V PFC (EuP), auto-sensing, 80PLUS Gold</li> </ul>	
<b>System compliance</b>	RoHS, ENERGY STAR®		
<b>Options and accessories</b>	USB keyboard and mouse		
<b>Certification</b>	BSMI, CE, FCC, CB, VCCI		
1.	Specifications vary depending on model.	6.	Total available graphics memory comprises dedicated video memory, system memory, and shared system memory. This figure will vary depending on system memory, installed drivers, BIOS settings and other factors.
2.	64-bit software is required to enjoy the advantages of 64-bit processing.	7.	Bundled software may vary depending on hardware configuration, OS and regional availability.
3.	A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.		
4.	Memory speed may vary, depending on the CPU, chipset or memory fitted.		
5.	1 GB is 1 billion bytes, 1 TB is 1000 GB. 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.		

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.

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