



Buyers Guide | BTS 2020

Acer® Predator Orion 3000 Gaming Desktop
PO3-620-UR13





Model	Acer® Predator Orion 3000 PO3-620-UR13 Desktop
MSRP	\$999.99
On-Shelf Date	September 7, 2020

High Level Specifications

- 10th Generation Intel® Core™ i5-10400F 6-Core Processor (Up to 4.3GHz)
- NVIDIA® GeForce® GTX 1660 SUPER Graphics with 6GB of GDDR6 Video Memory
- 12GB DDR4 2666MHz Memory
- 512GB NVMe M.2 SSD
- DTS® X: Ultra Audio
- 1 - USB 3.2 (Type C) Gen 2 port (Up to 10Gbps) (Front)
- 1 - USB 3.2 Gen 2 port (Front)
- 4 - USB 3.2 Gen 1 Port (Rear)
- 2 - USB 2.0 ports (Rear)
- 1 - Display Port, 1 - HDMI Port and 1 DVI Port
- Intel® Wireless Wi-Fi 6 AX201 802.11ax Dual-Band 2.4GHz and 5GHz featuring 2x2 MU-MIMO technology (Max Speed up to 2.4Gbps)
- Killer™ Ethernet E2600 10/100/1000 Gigabit Ethernet LAN
- Bluetooth® 5.1
- Predator RGB Gaming Keyboard & Predator RGB Gaming Mouse
- Windows 10 Home

What's in the Box

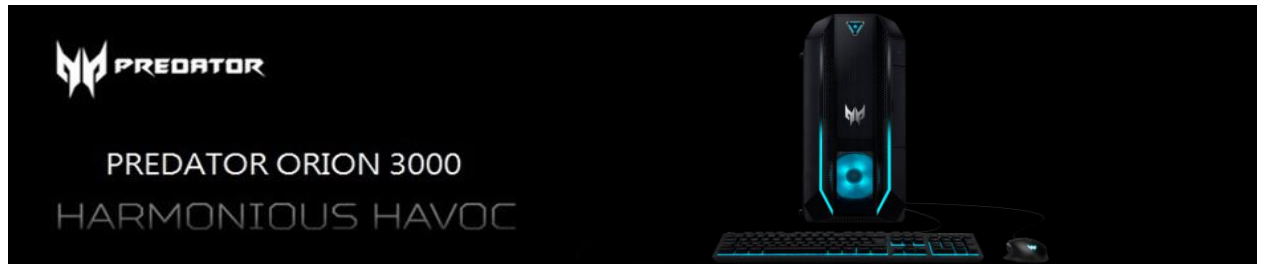
- Desktop
- Predator RGB Gaming Keyboard
- Predator RGB Gaming Mouse
- Power Cord

Key Features



Web Description

Acer Predator Orion 3000 PO3-620-UR13 Desktop, 10th Gen Intel Core i5-10400F, GeForce GTX 1660 SUPER, 12GB DDR4, 512GB NVMe M.2 SSD, Intel Wireless Wi-Fi 6 AX201 802.11ax, RGB Keyboard and Mouse, Windows 10 Home



HARMONIOUS HAVOC

Within the confines of the small yet sharply defined Orion 3000 lays a monster in wait – unrestrained, unrelenting and always ready to strike, no matter the task. Eager to put its ferociously powerful 10th Gen Intel® Core™ i5 processor and NVIDIA® GeForce® GTX 1660 SUPER Graphics to the test, the Predator Orion 3000 delivers an awe-inspiring gaming experience that's second to none! Inside, two LED fans keep your system cool and unthrottled. Get ready for an unforgettable gaming experience that ignites the senses and takes your passion to new heights!

Features



Lines, Lights, LED's - A Legacy

Don't let its size deceive you. Housed within the abyssal black exterior is a gaming leviathan—eager to test its mettle. We suggest keeping it visible since the tempered glass side panel gives all a peek at what lies within (and is EMI-compliant). After those grueling game sessions, give your headset a break on the headset cradle.



Feel The Frost

Keep frames high and temps low with dual Predator FrostBlade™ fans handling the intake and exhaust of your PC. An additional shroud over the power supply keeps thermal zones separate so you can push your CPU/GPU to their maximum potential. You can also control the fan speed through PredatorSense™ Utility App to meet your needs.



Serious Gaming Performance

Enjoy smooth gameplay and high frames per second with a 10th Gen Intel® Core™ i5 processor. When you're challenging your buddies in the latest battle, you know that nothing will compromise your gameplay so you can focus solely on victory!



Less Latency, More Victory

The Killer E2600 redefines gigabit network performance, and includes Killer's award-winning detection and prioritization technology for fast, immersive gaming and entertainment. And if you've want to attend a local LAN party recently and don't feel like reaching behind the PC just give the two front USB 3.2 Gen 2 ports (Type-A & Type-C) and ever-convenient audio jacks a go.



Get Super Powers

The GeForce GTX 1660 SUPER is up to 20% faster than the original GTX 1660 and up to 1.5X faster than the previous-generation GTX 1060 6GB. Powered by the award-winning NVIDIA Turing™ architecture and ultra-fast GDDR6 memory, it's a supercharger for today's most popular games. Time to gear up and get SUPER.



Light Up The Night

The newly designed case makes it easy to add a personal touch to your desktop. Customize the lighting of the vertical light bars at the front of the case as well as the two Predator FrostBlade™ fans via PredatorSense™ – up to 16.7 million colors.

Acer® Predator Orion 3000 PO3-620-UR13 Desktop

Detailed Product Specifications

Processor 10th Generation Intel® Core™ i5-10400F 6-Core Processor 2.9GHz with Turbo Boost 2.0 Technology ⁽¹⁾ up to 4.3GHz (12MB Smart Cache)	Interfaces 1 - USB 3.2 (Type C) Gen 2 port (Up to 10Gbps) (Front) 1 - USB 3.2 Gen 2 port (Front) 4 - USB 3.2 Gen 1 Port (Rear) 2 - USB 2.0 ports (Rear) 1 - Display Port 1 - HDMI™ Port 1 - DVI Port 2 - Front Audio Jacks 3 - Rear Audio Jacks 1 - RJ-45 Ethernet Port	Software Windows 10 Home Microsoft® Office Trial ⁽⁷⁾ Acer Care Center						
Memory 12GB DDR4 Dual-Channel 2666MHz Memory ⁽²⁾ (1 x 8GB & 1 x 4GB), Maximum 64GB 4 DDR4 Slots (Total) 2 DDR4 Slots (Available)	Expansion Slots <table><tr><td><u>Total</u></td><td><u>Available</u></td></tr><tr><td>1 - PCI-E x16</td><td>0 - PCI-E x16</td></tr><tr><td>2 - M.2</td><td>0 - M.2</td></tr></table>	<u>Total</u>	<u>Available</u>	1 - PCI-E x16	0 - PCI-E x16	2 - M.2	0 - M.2	
<u>Total</u>	<u>Available</u>							
1 - PCI-E x16	0 - PCI-E x16							
2 - M.2	0 - M.2							
Video NVIDIA® GeForce® GTX 1660 SUPER Graphics with 6GB of GDDR6 Video Memory	Expansion Bays <table><tr><td><u>Total</u></td><td><u>Available</u></td></tr><tr><td>2 - 3.5" HDD</td><td>1 - 3.5" HDD</td></tr></table>	<u>Total</u>	<u>Available</u>	2 - 3.5" HDD	1 - 3.5" HDD			
<u>Total</u>	<u>Available</u>							
2 - 3.5" HDD	1 - 3.5" HDD							
Audio DTS® X: Ultra Audio								
Hard Drive 512GB NVMe M.2 SSD								
Optical Drive N/A								
Communications Intel® Wireless Wi-Fi 6 AX201 802.11ax Dual-Band 2.4GHz and 5GHz featuring 2x2 MU-MIMO technology (Max Speed up to 2.4Gbps) Killer™ Ethernet E2600 10/100/1000 Gigabit Ethernet LAN Bluetooth® 5.1	Power Supply 500W Power Supply Dimensions (System) 15.43 (H) x 6.89 (W) x 15.2 (D) inches 392 (H) x 175 (W) x 386 (D) mm	<p>(1) Overall system performance is based on several PC attributes. GHZ, processor clock speed, is one of the attributes. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration.</p> <p>(2) Shared system memory may be allocated to support integrated graphics depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of shared system memory utilized by the graphics solution and resources required by the operating environment.</p> <p>(3) Shared system memory may be allocated to support integrated graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of dedicated and shared system memory utilized by the graphics solution and resources required by the operating environment.</p> <p>(4) 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer eRecovery Management utilizes up to 8 GB (10 GB with Microsoft® Office Starter 2010 Trial) of the stated hard disk capacity as dedicated backup space.</p> <p>(5) For a free copy of the standard limited warranty end-users should see a reseller where Acer products are sold or write to Acer America Corporation, Warranty Department, P.O. Box 6137, Temple, TX 76503. TFT displays commonly exhibit a small number of discolored dots, so-called "nonconforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect and, as such, is not covered by the limited warranty or by the upgrade programs. For International travelers warranty Valid only in countries where Acer has an authorized repair facility. For a list of those countries go to http://global.acer.com/support/itw.htm. or call 800-816-2237. Services and response times may vary in countries outside the U.S. and Canada</p> <p>(6) Microsoft Office Trial included. After or during the 30-day trial, purchase an Office Product Key to activate one of the following Office suites preloaded on this PC: Office Home and Student, Office Home and Business, Office Professional.</p>						
Input Devices Predator RGB Gaming Keyboard Predator RGB Gaming Mouse	Dimensions (Box) 19.49 (L) x 11.81 (W) x 20.28 (H) inches 495 (L) x 300 (W) x 515 (H) mm							
Case Design Armor-covered Design	Weights Approximately 18.35 lbs. 8.32 kg (system unit only) Approximately 28.01 lbs. 12.75 kg (box) Pallet Quantity 32 units per pallet Limited Warranty 1 Year Parts and Labor Limited Warranty ⁽⁵⁾ with Toll-Free Tech Support UPC 193199802385 Part Number DG.E25AA.001	<p>© 2020 Acer Inc. All rights reserved. Acer and the Acer logo are registered trademarks of Acer Inc. Other trademarks, registered trademarks, and/or service marks, indicated or otherwise, are the property of their respective owners. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.</p>						