

acer



# NITRO 50



Ultimate graphics platform for VR



Wireless charging



HDD



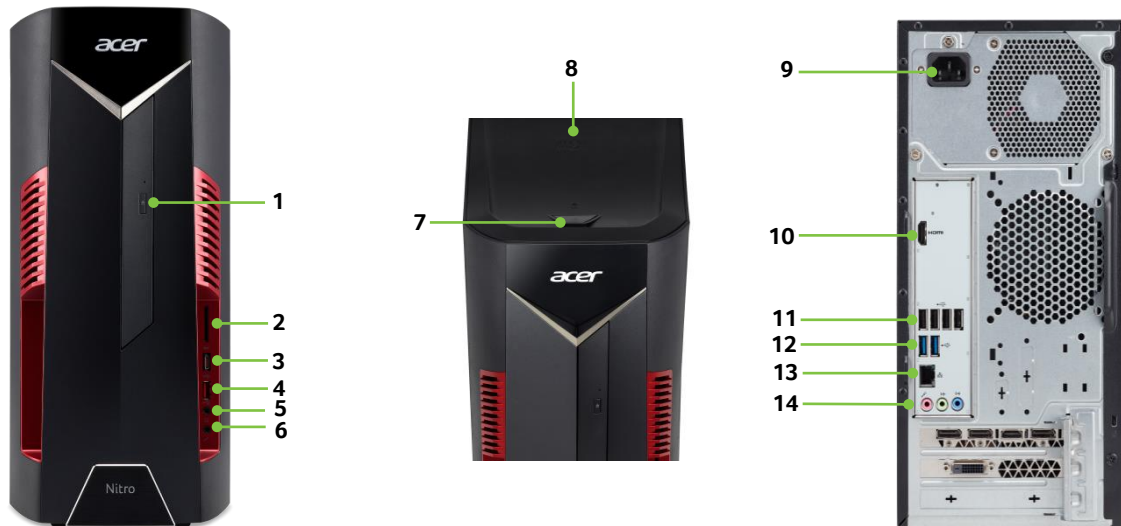
Data Access



Faster Data Transit  
2666 MHz



Up to 3X faster  
802.11ac



<b>Product views</b>	1. Optical media drive 2. Card reader 3. USB Type-C™ port 4. USB 3.1 Gen 2 port 5. Headset jack	6. Microphone jack 7. Power button 8. Qi wireless charger (optional) 9. Power connector 10. HDMI® port	11. Four USB 2.0 ports 12. Two USB 3.1 Gen 1 ports 13. Ethernet (RJ-45) port 14. Audio jacks
<b>Operating system<sup>1,2</sup></b>	Windows 10 Home 64-bit Endless OS		
<b>CPU and chipset<sup>1</sup></b>	9th Generation Intel® Core™ i9 / i7 / i5 / i3 processor, Intel® UHD Graphics 630 8th Generation Intel® Core™ i7+ / i5+ / i7 / i5 / i3 processor, Intel® UHD Graphics 630 Intel® B360 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> • 3 TB / 2 TB / 1 TB 3.5-inch 7200 RPM • 3 TB 3.5-inch 5400 RPM • Intel® Optane Memory 32GB / 16 GB PCIe M.2 2280 • 512 GB / 256 GB / 128 GB M.2 2280 Solid State Drive		
<b>Optical media drive</b>	8X DVD-RW drive, 9.0 mm slim, tray-load, M-DISC Ready™		
<b>Graphics<sup>6</sup></b>	<b>NVIDIA® GeForce® RTX™ 2070</b> with 8 GB of GDDR6 <b>NVIDIA® GeForce® RTX™ 2060</b> with 6 GB of GDDR6 <b>NVIDIA® GeForce® GTX 1070</b> with 8 GB of GDDR5 <b>NVIDIA® GeForce® GTX 1660 Ti</b> with 6 GB of GDDR6 <b>NVIDIA® GeForce® GTX 1650</b> with 4 GB of GDDR5 <b>NVIDIA® GeForce® GTX 1060</b> with 6 GB of GDDR5 <b>NVIDIA® GeForce® GTX 1050 Ti</b> with 4 GB of GDDR5 <b>NVIDIA® GeForce® 1050</b> with 2 GB of GDDR5 <b>AMD Radeon™ RX580</b> , 4 GB DDR5		
<b>Audio</b>	Creative Sound BlasterX 360°		
<b>Communication</b>	<b>WLAN</b> 802.11ac/a/b/g/n, aggregate bandwidth up to 1.73 Gbps 802.11ac/a/b/g/n wireless LAN and Bluetooth® 5.0 Bluetooth® 5.0	<b>LAN</b> Realtek® 8118AS Dragon Gigabit Ethernet	
<b>Expansion slot(s)</b>	PCIe x16 slot: 1 PCIe x1 slot: 1 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1		
<b>Windows Desktop apps<sup>7</sup></b>	<b>In-House</b> • Acer Care Center • Acer Configuration Manager • Acer Power Management • Acer User Experience Program • Acer Product Registration • Quick Access	<b>Security</b> • Tencent PC Manager • Norton™ Internet Security	
<b>Dimensions</b>	163 (W) x 350 (D) x 340 (H) mm (6.42 x 13.78 x 13.39 inches)		
<b>Power supply and adapter</b>	<b>Power supply</b> • 500 W PFC (EuP), auto-sensing, 80PLUS Bronze, ATX • 300 W PFC (EuP), auto-sensing, 80PLUS Bronze, ATX • 300 W non-PFC, 100~127 V / 220~240 V, manual switch, ATX		
<b>System compliance</b>	RoHS, ENERGY STAR®		
<b>Options and accessories</b>	Wireless charging (Max. output power: 5 W) Wireless (2.4 GHz RF) keyboard and mouse USB keyboard and mouse		
<b>Certification</b>	CE, FCC, CB, CCC		
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.		

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. 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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**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.