NITRO 50

Windows

intel CORE i7+ 8th Gen

intel CORE i7 8th Gen

intel CORE i5+ 8th Gen

intel CORE i5 8th Gen

intel CORE i3 8th Gen

NVIDIA
NVIDIA® GeForce® GTX Graphics

READY FOR VR
Ultimate graphics platform for VR

Wireless charging

Sound BLASTER

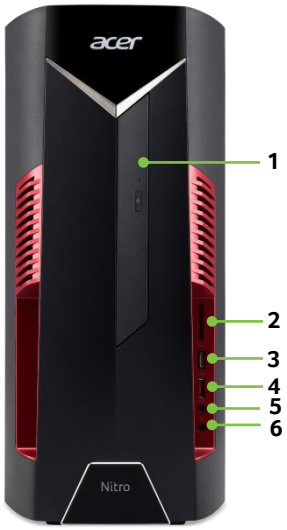
HDD

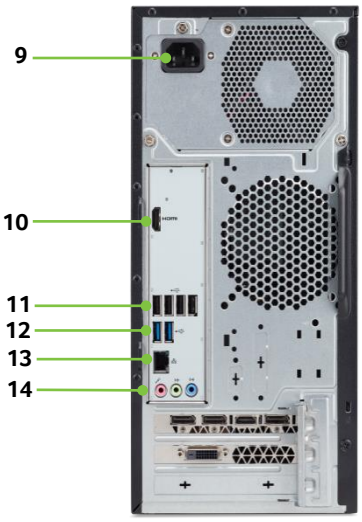
SSD
Data Access

DDR4
Faster Data Transit 2666 MHz

Up to 3X faster 802.11ac

SPECIFICATIONS Nitro N50-600





Product views	**1.** Optical media drive **2.** Card reader **3.** USB Type-C™ port **4.** USB 3.1 Gen 2 port **5.** Headset/speaker 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
Operating system[1, 2]	Windows 10 Home 64-bit Endless OS		
CPU and chipset[1]	**8th Generation Intel® Core™ i7+** processors, Intel® UHD Graphics 630 **8th Generation Intel® Core™ i7** processors, Intel® UHD Graphics 630 **8th Generation Intel® Core™ i5+** processors, Intel® UHD Graphics 630 **8th Generation Intel® Core™ i5** processors, Intel® UHD Graphics 630 **8th Generation Intel® Core™ i3** processors, Intel® UHD Graphics 630 Intel® B360 Express Chipset		
Memory[1, 3, 4]	16 GB / 8 GB / 4 GB DDR4 2666 MHz UDIMM • Up to 64 GB of Dual-channel DDR4 2666 MHz		
Storage[1, 5]	**Hard disk drive** • 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		
Optical media drive	8X DVD-RW drive, 9.0 mm slim, tray-load, M-DISC Ready™		
Graphics[6]	**NVIDIA® GeForce® GTX 1070** with 8 GB of GDDR5 **NVIDIA® GeForce® GTX 1060** with 6 GB of GDDR5 **NVIDIA® GeForce® GTX 1050 Ti** with 4 GB of GDDR5	**NVIDIA® GeForce® 1050** with 2 GB of GDDR5 **AMD Radeon™ RX580,** 4 GB DDR5	
Audio	Creative Sound BlasterX 360°		
Communication	**WLAN** 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	**LAN** Realtek® 8118AS Dragon Gigabit Ethernet	
Expansion slot(s)	PCIe x16 slot: 1 PCIe x1 slot: 1 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1		
Windows Desktop apps[7]	**In-House** • Acer Care Center • Acer Configuration Manager • Acer Power Management • Acer User Experience Program • Acer Product Registration	**Security** • Tencent PC Manager • Norton™ Internet Security	
Dimensions	163 (W) x 350 (D) x 340 (H) mm (6.42 x 13.78 x 13.39 inches)		
Power supply and adapter	**Power supply** • 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		
System compliance	RoHS, ENERGY STAR®		
Options and accessories	Qi wireless charging compatible (output power: 5 W) Wireless (2.4 GHz RF) keyboard and mouse USB keyboard and mouse		
Certification	CE, FCC, CB, CCC		

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
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.
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.
7. Bundled software may vary depending on hardware configuration, OS and regional availability.

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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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 for more information.