



Nitro N50-620 Specifications (v4-0-1)		
Category	Description	Footnotes
Operating system	Windows 10 Home 64-bit. No OS	
CPU and chipset	CPU <ul style="list-style-type: none"> • 11th Generation Intel® Core™ i7 processor • 11th Generation Intel® Core™ i5 processor Chipset <ul style="list-style-type: none"> • Intel® B560 Chipset 	
Memory	16 GB DDR4 3200 MHz UDIMM 8 GB DDR4 3200 MHz UDIMM 4 GB DDR4 3200 MHz UDIMM Up to 64 GB of Dual-channel DDR4 3200 MHz	
Storage	Hard disk drive 3 TB 3.5-inch 7200 RPM 2 TB 3.5-inch 7200 RPM 1 TB 3.5-inch 7200 RPM 1024 GB M.2 2280 PCI-e SSD 512 GB M.2 2280 PCI-E SSD 256 GB M.2 2280 PCI-E SSD	
Graphics	NVIDIA® GeForce RTX™ 3060 Ti with 8 GB of GDDR6 (supporting: HDMI®, 3x DisplayPort™) NVIDIA® GeForce RTX™ 2060 with 6 GB of GDDR6 (supporting: HDMI®, 3x DisplayPort™, DVI-D) NVIDIA® GeForce® GTX 1660 SUPER™ with 6 GB of GDDR6 (supporting: HDMI®, DisplayPort™, DVI-D) NVIDIA® GeForce® GTX 1650 with 4 GB of GDDR5 (supporting: HDMI®, DVI-D)	
Audio	DTS:X® Ultra	
Communication	WLAN 802.11ac/a/b/g/n wireless LAN and Bluetooth® 5 802.11ac/a/b/g/n, aggregate bandwidth up to 1.73 Gbps Bluetooth® 5 802.11ax/ac/a/b/g/n, Wi-Fi 6 and Bluetooth® 5.1	
Input and output	Front/Side I/O connectors <ul style="list-style-type: none"> • Audio jack(s): 2 • USB 3.2 Gen2 Type A port(s): 1 • USB 3.2 Gen2 Type C port(s): 1 Rear I/O connectors	

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	<ul style="list-style-type: none"> • LAN port(s): 1 • Audio jack(s): 3 • USB 2.0 Type A port(s): 2 • USB 3.2 Gen1 Type A port(s): 2 • USB 3.2 Gen2x2 Type C port(s): 1 	
Expansion slot(s)	<ul style="list-style-type: none"> • Number of PCIe x16 slot(s): 1 • M.2 slot (for SSD): 2 • M.2 slot (for WLAN): 1 	
Windows Desktop Apps	<p>Content App Explorer (2020.Q3) Hao123_Favorite (2020.Q3) Ixigua_Favorite (2020.Q3)</p> <p>Games Planet9 (For Gaming)</p> <p>In-House Acer Care Center (DT UWP) Acer Configuration Manager (2020.Q3) Acer Product Registration (DT W10 RS3 UWP) Acer User Experience Program Framework(DT UWP) Quick Access (DT W10 RS3 UWP)</p> <p>Lifestyle Booking.com_Favorite (2020.Q3) Facebook Messenger (2020.Q3) Facebook_Favorite (2020.Q3)</p> <p>Others PhotoDirector8 LE (Win10 RS Consumer) PowerDirector14 LE (Win10 RS Consumer)</p> <p>Productivity LinkedIn (DT W10) Microsoft Office (DT) Microsoft Office Installer (DT)</p> <p>Search NitroSense (Desktop) Yandex Browser (2020.Q3)</p> <p>Security GOTrust (2020.Q3) PC Manager (2020.Q3)</p> <p>Tools Fingleaf (2020.Q3)</p>	
Dimensions	175 (W) x 386 (D) x 392 (H) mm (6.89 x 15.2 x 15.43 inches)	
Power supply and adapter	<p>Power supply 500 W PFC, auto-sensing, 80PLUS[#] Gold, ATX 300 W PFC, auto-sensing, 80PLUS[#] Platinum, ATX</p>	

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System compliance	RoHS ENERGY STAR®	
Options and accessories	Wireless charging (Max. output power: 10 W) Wireless (2.4 GHz RF) keyboard and mouse USB keyboard and mouse	
Certification	BSMI VCCI CCC CE FCC CB	
<p>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.</p> <p>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.</p> <p>© 2021. All rights reserved.</p> <p>Microsoft and Windows are registered trademarks of Microsoft Corporation.</p> <p>Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Intel Evo, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, Intel Agilex, Arria, Cyclone, Movidius, eASIC, Enpirion, Iris, MAX, Intel RealSense, Stratix, and Intel Optane are trademarks of Intel Corporation or its subsidiaries.</p> <p><u>About Acer</u></p> <p>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.</p>		
   		

Appendix

v3-0-1 (Ver. 2)

No changes found!

v4-0-1 (Ver. 3)

Communication

[update]

802.11ac/a/b/g/n wireless LAN and Bluetooth® 5

802.11ac/a/b/g/n, aggregate bandwidth up to 1.73 Gbps

Bluetooth® 5