



Aspire 5951G Specifications (v3-2-4)	
Operating system¹	Genuine Windows [®] 7 Ultimate 64-bit ² Genuine Windows [®] 7 Home Premium 64-bit ²
CPU and chipset¹	<p>Intel[®] Core[™] i7-2630QM processor (6 MB L3 cache, 2 GHz with Turbo Boost up to 2.90 GHz, DDR3 1600 MHz, 45 W), supporting Intel[®] 64 architecture, Intel[®] Smart Cache</p> <p>Intel[®] Core[™] i7-2620M processor (4 MB L3 cache, 2.70 GHz with Turbo Boost up to 3.40 GHz, DDR3 1333 MHz, 35 W), supporting Intel[®] 64 architecture, Intel[®] Smart Cache</p> <p>Intel[®] Core[™] i5-2410M/i5-2520M/i5-2540M processor (3 MB L3 cache, 2.30/2.50/2.60 GHz with Turbo Boost up to 2.90/3.20/3.30 GHz, DDR3 1333 MHz, 35 W), supporting Intel[®] 64 architecture, Intel[®] Smart Cache</p> <p>Intel[®] Core[™] i3-2310M processor (3 MB L3 cache, 2.10 GHz, DDR3 1333 MHz, 35 W), supporting Intel[®] 64 architecture, Intel[®] Smart Cache</p> <p>Mobile Intel[®] HM65 Express Chipset</p>
Memory^{1, 3, 4}	<p>Dual-channel DDR3 SDRAM support:</p> <ul style="list-style-type: none"> Up to 4 GB of DDR3 system memory, upgradable to 16 GB using four soDIMM modules⁵
Display	<p>15.6" HD 1366 x 768 resolution, high-brightness (200-nit), Acer CineCrystal[™] LED-backlit TFT LCD</p> <p>Mercury-free, environment-friendly</p> <p>Frameless super-slim design¹</p> <p>16:9 aspect ratio</p>
Graphics¹	<p>NVIDIA[®] GeForce[®] GT 555M with 2048 MB of dedicated DDR3 VRAM, supporting NVIDIA[®] CUDA[™], PhysX[™], PureVideo[®] HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft[®] DirectX[®] 11</p> <p>NVIDIA[®] GeForce[®] GT 540M with 1024 MB of dedicated DDR3 VRAM, supporting NVIDIA[®] CUDA[™], PhysX[™], PureVideo[®] HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft[®] DirectX[®] 11</p> <p>Dual independent display support</p> <p>16.7 million colors</p> <p>External resolution / refresh rates:⁶</p> <ul style="list-style-type: none"> VGA port up to 2048 x 1536: 85 Hz HDMI[®] port up to 1920 x 1080: 60 Hz

Aspire 5951G Specifications (v3-2-4)	
	<p>MPEG-2/DVD decoding</p> <p>WMV9 (VC-1) and H.264 (AVC) decoding</p> <p>MPEG-4 Part 2 DivX[®] decoding</p> <p>HDMI[®] (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support</p>
Audio	<p>Optimized Dolby[®] Home Theater[®] v4 audio enhancement, featuring Audio Optimizer, Audio Regulator, Volume Leveler, Volume Maximizer, Intelligent EQ, Dialogue Enhancer, Surround Virtualizer for Headphones, Surround Virtualizer (for built-in speakers), and Dolby[®] Digital Output technologies⁷</p> <p>Two built-in stereo speakers and the Acer Tuba CineBass booster, supporting low-frequency effects</p> <p>True5.1-channel surround sound output</p> <p>High-definition audio support</p> <p>S/PDIF (Sony/Philips Digital Interface)⁸ support for digital speakers</p> <p>MS-Sound compatible</p> <p>Acer PureZone technology with two built-in stereo microphones, featuring beam forming, echo cancellation, and noise suppression technologies</p>
Storage	<p>Hard disk drive</p> <ul style="list-style-type: none"> • 320/500/640/750 GB or larger^{1, 9} <p>Multi-in-1 card reader, supporting:</p> <ul style="list-style-type: none"> • Secure Digital[™] (SD), SD Extended Capacity (SDXC[™]) Card, MultiMediaCard[™] (MMC), MultiMediaCard Plus (MMCplus[™]), Memory Stick[™] (MS), Memory Stick PRO[™] (MS PRO), xD-Picture Card[™] (xD)
Optical media drive¹	<p>4X Blu-ray Disc[™] writer / DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X DVD-ROM DL, 6X DVD-R DL, 6X DVD+R DL, 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM, 4X BD-ROM, 4X BD-R, 4X BD-RE, 4X BD-ROM DL, 4X BD-R DL • Write: 24X CD-R, 10X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-RW, 6X DVD+RW, 5X DVD-RAM, 4X DVD+R DL, 4X DVD-R DL, 4X BD-R, 2X BD-RE, 4X BD-R DL <p>4X Blu-ray Disc[™] / DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> • Read: 24X CD-ROM, 24X CD-R, 16X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 4X DVD-ROM DL, 4X DVD-R DL, 4X DVD+R DL, 4X DVD-RW, 4X DVD+RW, 5X

Aspire 5951G Specifications (v3-2-4)	
	<p>DVD-RAM, 4X BD-ROM, 4X BD-R, 4X BD-RE, 4X BD-ROM DL, 4X BD-R DL, 4X BD-RE DL</p> <ul style="list-style-type: none"> • Write: 16X CD-R, 10X CD-RW, 8X DVD-R, 8X DVD+R, 4X DVD-RW, 4X DVD+RW, 5X DVD-RAM, 4X DVD+R DL, 4X DVD-R DL <p>8X DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X DVD-ROM DL, 4X DVD-R DL, 4X DVD+R DL, 6X DVD-RW, 6X DVD+RW, 5X DVD-RAM • Write: 24X CD-R, 16X CD-RW, 8X DVD-R, 8X DVD+R, 4X DVD-R DL, 4X DVD+R DL, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Webcam	<p>Acer Video Conference,¹ featuring:</p> <ul style="list-style-type: none"> • Acer Crystal Eye HD webcam with: <ul style="list-style-type: none"> o 1280 x 1024 resolution o 720p HD audio/video recording o Certified Skype™ HD video streaming • Acer Video Conference Manager software with Video Quality Enhancement (VQE) technology, supporting online video calls¹⁰ • Acer PureZone technology
Wireless and networking	<p>WLAN:^{1, 11, 12}</p> <ul style="list-style-type: none"> • Acer InviLink™ Nplify™ 802.11b/g/n Wi-Fi CERTIFIED™ • Acer InviLink™ 802.11b/g Wi-Fi CERTIFIED™ • Supporting Acer SignalUp™ wireless technology <p>WPAN:¹ Bluetooth® 3.0+HS</p> <p>LAN: Gigabit Ethernet, Wake-on-LAN ready</p>
Privacy control¹	<p>Acer Bio-Protection fingerprint solution,¹ featuring Pre-Boot Authentication, computer protection, Acer FingerLaunch</p> <p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Dimensions and weight¹	<p>Dimensions</p> <p>382 (W) x 269 (D) x 25/30 (H) mm (15 x 10.6 x 0.99/1.18 inches)</p> <p>Weight</p> <p>3.3 kg (7.27 lbs.)¹³ with embedded 8-cell battery</p>

Aspire 5951G Specifications (v3-2-4)

<p>Power adapter and battery¹</p>	<p>ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes</p> <p>Power adapter</p> <p>3-pin 120 W AC adapter:</p> <ul style="list-style-type: none"> • 155 (W) x 67 (D) x 36.5 (H) mm (6.1 x 2.63 x 1.43 inches) • 570 g (1.25 lbs.)¹³ with 180 cm DC cable <p>3-pin 90 W AC adapter:</p> <ul style="list-style-type: none"> • 126 (W) x 51 (D) x 31 (H) mm (4.96 x 2 x 1.22 inches) • 332 g (0.73 lbs.)¹³ with 180 cm DC cable <p>Embedded battery</p> <p>Acer PowerSmart long-life battery, supporting up to 1,000 charge cycles¹⁴</p> <p>83 Wh 6000 mAh 8-cell Li-ion standard battery pack</p> <p>Battery life: 7 hours¹⁵</p> <p>ENERGY STAR®</p>
<p>Input and control</p>	<p>Keyboard</p> <p>103-/104-/107-key backlit back-mounted keyboard with independent standard numeric keypad, international language support</p> <p>Touchpad</p> <p>Acer MediaRemote detachable touchpad with Media Console mode</p> <p>Media keys</p> <p>Touch-sensitive Media Console, featuring:</p> <ul style="list-style-type: none"> • Video, music shortcuts • Media controls: play/pause, stop, previous, next, volume up, volume down <p>Control keys</p> <p>Instant-on Acer Arcade™ Deluxe support</p> <p>Acer programmable key</p> <p>Dedicated keyboard backlight control key</p> <p>Communication key</p> <p>Acer Bio-Protection fingerprint reader¹</p>
<p>Input and output</p>	<p>Multi-in-1 card reader (SD™, SDXC™, MMC, MMCplus™, MS, MS PRO, xD)</p> <p>USB 3.0 port featuring power-off USB charging</p> <p>Three USB 2.0 ports</p>

Aspire 5951G Specifications (v3-2-4)

	<p>eSATA / USB 2.0 port¹⁶ IEEE 1394 port HDMI® port with HDCP support External display (VGA) port Headphone/speaker jack with S/PDIF support Microphone-in jack Line-in jack Ethernet (RJ-45) port DC-in jack for AC adapter</p>
<p>Software¹⁷</p>	<p>Productivity</p> <ul style="list-style-type: none"> • Acer Backup Manager¹ • Acer ePower Management¹ • Acer eRecovery Management • Adobe® Flash® Player 10.1 • Adobe® Reader® 9.1 • AUPEO! (US only) • Bing™ Bar • eSobi™ • Kobo™ (Canada only) • Microsoft® Office 2010 preloaded (purchase a product key to activate)¹⁸ • Microsoft® Office Starter 2010¹⁹ • New York Times Reader (US only) • NOOK for PC (US only) • Norton™ Online Backup <p>Security</p> <ul style="list-style-type: none"> • Acer Bio-Protection¹ • McAfee® Internet Security Suite Trial²⁰ • MyWinLocker®¹ (except China, Hong Kong) <p>Multimedia</p> <ul style="list-style-type: none"> • Acer clear.fi • Acer InstantOn Arcade • NTI Media Maker™ <p>Gaming</p> <ul style="list-style-type: none"> • Oberon GameZone¹ (except US, Canada, Hong Kong,

Aspire 5951G Specifications (v3-2-4)	
	<p>Korea)</p> <ul style="list-style-type: none"> • WildTangent^{®1} (US, Canada only) <p>Communication and ISP</p> <ul style="list-style-type: none"> • Acer Crystal Eye • Acer Video Conference Manager¹ • Microsoft[®] Silverlight™ • Skype™ • Windows Live™ Essentials 2011¹ <p>Web links and utilities</p> <ul style="list-style-type: none"> • Acer Accessory Store¹ (Belgium, France, Germany, Italy, Netherlands, Spain, Sweden, UK only) • Acer Identity Card • Acer Registration • Acer Updater • eBay[®] shortcut 2009¹ (Canada, France, Germany, Italy, Mexico, Spain, UK, US only) • Netflix shortcut¹ (US only)
Options and accessories	<p>1/2/4 GB DDR3 soDIMM module</p> <p>3-pin 120 W AC adapter</p>
Warranty	One-year International Travelers Warranty (ITW)
<p>Windows[®]. Life without Walls™. Acer recommends Windows 7.</p> <ol style="list-style-type: none"> 1. Specifications vary depending on model. 2. 64-bit software is required to enjoy the advantages of 64-bit processing. 3. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment. 4. This system is bundled with DDR3 1066 MHz memory; however, memory speed may vary depending on CPU/chipset support. 5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory. 6. Resolution/refresh rates depend on display capability and color/depth settings. 7. Dolby[®] is a registered trademark of Dolby[®] Laboratories. Dolby Home Theater[®] is a trademark of Dolby[®] Laboratories. 8. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming). 	

Aspire 5951G Specifications (v3-2-4)

9. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and the operating environment. Acer eRecovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.
10. Two VQE-enabled Acer notebooks with dual-core processors are required to enjoy the exclusive benefits and added performance of VQE.
11. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
12. Acer Nplify™, a high-throughput wireless solution, delivers superior performance and reliable connections while enabling emerging voice, video and data applications. Wi-Fi CERTIFIED™, it supports Acer SignalUp™ wireless technology and is compliant with 802.11b/g/n and 802.11b/g standards.
13. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
14. The battery will hold up to 80% of its original capacity after as many as 1,000 recharges. A full recharge comprises a complete charge-and-discharge cycle, and does not always occur each time the notebook is plugged in to a power source, as several partial charges can add up to a full recharge.
15. The listed battery life is based on MobileMark 2007® productivity mode testing with wireless on. Details of MobileMark2007® testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, and utilized features. A battery's maximum capacity decreases with time and use.
16. While an eSATA device is plugged in, the USB 3.0 port and two USB 2.0 ports remain functional.
17. Bundled software may vary depending on hardware configuration, OS and regional availability.
18. Purchase an Office 2010 product key to activate one of the following Office 2010 suites preloaded on this PC: Office Home and Student 2010, Office Home and Business 2010, Office Professional 2010.
19. Includes limited-functionality Microsoft® Word and Excel with advertising; no PowerPoint or Outlook. Purchase Office 2010 to activate full-featured Office.
20. Trial periods vary depending on the geographic region and specifications: 365-day trial for China, Taiwan, Hong Kong and Singapore (Simplified Chinese and Traditional Chinese OS models); 60-day trial for other regions.

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.

As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs)

Aspire 5951G Specifications (v3-2-4)

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.

© 2011. All rights reserved.

Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and other countries.

About Acer

Since its founding in 1976, Acer has achieved the goal of breaking the barriers between people and technology. Globally, Acer ranks No. 2 for total PCs and notebooks. A profitable and sustainable Channel Business Model is instrumental to the company's continuing growth, while its multi-brand approach effectively integrates Acer, Gateway, Packard Bell, and eMachines brands in worldwide markets. Acer strives to design environmentally friendly products and establish a green supply chain through collaboration with suppliers. Acer is proud to be a Worldwide Partner of the Olympic Movement, including the Vancouver 2010 Olympic Winter and London 2012 Olympic Games. The Acer Group employs 7,000 people worldwide. 2009 revenues reached US\$17.9 billion. See www.acer-group.com for more information.



Aspire 5951G Specifications (v3-2-4)

