Aspire 5943G Specifications (v2-1-3)	
Operating system[1]	Genuine Windows® 7 Ultimate 64-bit[2]
	Genuine Windows® 7 Home Premium 64-bit[2]
CPU/chipset[1]	**Intel® Core™ i7-820QM** processor (8 MB L3 cache, 1.73 GHz with Turbo Boost up to 3.06 GHz, DDR3 1333 MHz, 45 W), **i7-720QM** processor (6 MB L3 cache, 1.60 GHz with Turbo Boost up to 2.80 GHz, DDR3 1333 MHz, 45 W), supporting Intel® 64 architecture, Intel® Smart Cache
	Intel® Core™ i7-620M processor (4 MB L3 cache, 2.66 GHz with Turbo Boost up to 3.33 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
	Intel® Core™ i5-430M/i5-520M/i5-540M processor (3 MB L3 cache, 2.26/2.40/2.53 GHz with Turbo Boost up to 2.53/2.93/3.06 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
	Intel® Core™ i3-330M/i3-350M processor (3 MB L3 cache, 2.26 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
	Mobile Intel® HM55 Express Chipset
System memory[1, 3, 4]	Dual-channel DDR3 SDRAM support:
	• Up to 4 GB of DDR3 memory, upgradable to 16 GB using four soDIMM modules[5] (only for models with Intel® Core™ i7-820QM/i7-720QM processor)
	• Up to 4 GB of DDR3 memory, upgradable to 8 GB using two soDIMM modules[5] (only for models with Intel® Core™ i7-620M, i5-430M/i5-520M/i5-540M or i3-330M/i3-350M processor)
Display	15.6" HD 1366 x 768 pixel resolution, high-brightness (220-nit) Acer CineCrystal™ LED-backlit TFT LCD with integrated color engine, featuring virtual wide color gamut
	Simultaneous multi-window viewing
	Mercury free, environment friendly
	Frameless design[1]
	16:9 aspect ratio
TV-tuner[1]	Digital TV-tuner supporting DVB-T (Digital Video Broadcasting-Terrestrial) standard (6 to 8 MHz)
	I/O:
	• RF-in jack for digital TV antenna cable input

Aspire 5943G Specifications (v2-1-3)	
	Connectors: • PAL/SECAM-to-RF • NTSC-to-PAL/SECAM DVB-T antenna (UHF/VHF reception) Remote control
Graphics	ATI Mobility Radeon™ HD 5850 with 1024 MB of dedicated DDR3 VRAM, supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11, OpenGL® 3.1, OpenCL™ 1.1 ATI Mobility Radeon™ HD 5650 with 1024 MB of dedicated DDR3 VRAM, supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11, OpenGL® 3.1, OpenCL™ 1.1 Dual independent display support 16.7 million colors External resolution / refresh rates[6]: • VGA port up to 2048 x 1536: 85 Hz • HDMI™ port up to 1920 x 1080: 60 Hz MPEG-2/DVD decoding VC-1 and H.264 (AVC) decoding Microsoft® DirectX® Video Acceleration (DXVA) application interface (API) HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
Audio	Dolby®[7]-optimized surround sound system with two built-in stereo speakers and one subwoofer supporting low-frequency effects Optimized 3rd Generation Dolby® Home Theater®[7] audio enhancement, featuring Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass, Dolby® Sound Space Expander, Dolby® Audio Optimization, Dolby® High Frequency Enhancer technologies[8] True5.1-channel surround sound output High-definition audio support S/PDIF (Sony/Philips Digital Interface)[9] support for digital speakers MS-Sound compatible

Aspire 5943G Specifications (v2-1-3)	
Storage	**Hard disk drive:** • 160/250/320/500/640 GB or larger[1, 10] **Multi-in-1 card reader, supporting:** • Secure Digital™ (SD), MultiMediaCard™ (MMC), MultiMediaCard Plus (MMC*plus*™), Memory Stick™ (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
Optical media drive[1]	4X Blu-ray Disc™ writer / DVD-Super Multi double-layer drive: • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 8X 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, 2X BD-RE, 4X BD-ROM DL, 4X BD-R DL, 2X BD-RE DL • Write: 24X CD-R, 16X 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, 2X BD-RE DL 4X Blu-ray Disc™ / DVD-SuperMulti double-layer drive: • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 8X 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, 2X BD-RE, 4X BD-ROM DL, 4X BD-R DL, 2X BD-RE DL • Write: 24X CD-R, 16X 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 8X DVD-Super Multi double-layer drive: • 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, 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
Communication	**Webcam:** Acer Video Conference[1], featuring: • Acer Crystal Eye high-def webcam with 1280 x 1024 resolution • Acer Video Conference Manager software, featuring Video Quality Enhancement (VQE) technology, supporting 640 x 480 resolution online video calls[11] • Optional Acer Xpress VoIP phone

Aspire 5943G Specifications (v2-1-3)	
	Wireless and networking: WLAN[1, 12, 13]: • Intel® Centrino® Wireless-N 1000 b/g/n Wi-Fi CERTIFIED™ with Acer Nplify™, featuring MIMO technology (only for models with Intel® Core™ i7-820QM/i7-720QM processor) • Acer InviLink™ Nplify™ 802.11 b/g/n Wi-Fi CERTIFIED™ • Acer InviLink™ 802.11 b/g Wi-Fi CERTIFIED™ • Supporting Acer SignalUp™ wireless technology WPAN[1]: Bluetooth® 2.1+EDR LAN: Gigabit Ethernet, Wake-on-LAN ready
Privacy control	Acer Bio-Protection fingerprint solution[1], featuring Windows® logon, computer protection, Acer FingerLaunch, ProfileLaunch, MusicLaunch, Password Bank, MyLaunch, FingerNav BIOS user, supervisor, HDD passwords Kensington lock slot
Dimensions and weight[1]	382 (W) x 269 (D) x 24/39.4 (H) mm (15.0 x 10.4 x 0.9/1.5 inches) 3.3 kg (7.27 lbs.)[13] with 8-cell battery
Power adapter and battery[1]	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes 3-pin 120 W AC adapter (only for models with Intel® Core™ i7-820QM/i7-720QM processor) • 155 (W) x 67 (D) x 36.5 (H) mm (6.1 x 2.63 x 1.43 inches) • 570 g (1.25 lbs.)[14] with 180 cm DC cable 3-pin 90 W AC adapter: • 133 (W) x 59 (D) x 31 (H) mm (5.23 x 2.32 x 1.22 inches) • 390 g (0.86 lbs.)[14] with 180 cm DC cable Acer QuicCharge™ technology[15]: • 80% charge in one hour • 2-hour rapid charge system-off 71 W 4800 mAh 8-cell Li-ion battery pack Estimated battery life: Up to 3.5 hours[16] ENERGY STAR®

Aspire 5943G Specifications (v2-1-3)	
Special keys and controls	86-/87-/91-key keyboard[1] with inverted "T" cursor layout
	Multi-gesture touchpad, supporting two-finger scroll, pinch, rotate, flip
	Acer Bio-Protection fingerprint reader[1], featuring Acer FingerNav 4-way control function
	10 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support
	Acer PowerSmart key[1]
	Easy-launch keys: Acer Backup, Communication®[1],Acer Arcade™, Acer CineDash 2.0 media console capacitive human interface device, including: • Acer Arcade™ • Rotating volume wheel • Media control (play/pause, stop, previous, next, fast forward, rewind) • Mute and hold keys
	Acer Media Center remote control[1]
I/O ports	Multi-in-1 card reader (SD™, MMC, MMC*plus*™, MS, MS PRO, xD)
	Three USB 2.0 ports[17]
	IEEE 1394 port
	eSATA port
	HDMI™ port with HDCP support
	Consumer infrared (CIR) port
	External display (VGA) port
	Headphone/speaker/line-out jack with S/PDIF support
	Microphone-in jack
	Line-in jack
	Ethernet (RJ-45) port
	DC-in jack for AC adapter
Software	**Productivity** • Acer Backup Manager[1] • Acer ePower Management[1] • Acer eRecovery Management • Acer PowerSmart Manager[1] • Microsoft® Office Personal 2007 (Service Pack 2)[1] (Japan only, subject to customer request)

Aspire 5943G Specifications (v2-1-3)
- Microsoft® Office Trial[1] (Service Pack 2)   - Microsoft® Works SE 9[1] (Brazil, Canada, France, Germany, Poland, Russia, UK and US only)   - Microsoft® Works 9[1]   - Microsoft® Works 8.5[1]   - Adobe® Flash® Player 10   - Adobe® Reader® 9.1   - eSobi™   - Google™ Setup   - Google Toolbar™   - Norton™ Online Backup   **Security**   - Acer Bio-Protection[1]   - McAfee® Internet Security Suite Trial[3]   - MyWinLocker®[1] (except China, Hong Kong)   **Multimedia**   - Acer Arcade™ Deluxe   - Acer InstantOn Arcade   - NTI Media Maker™   **Gaming**   - Oberon GameZone[1] (except US, Canada, Hong Kong, Korea)   - WildTangent®[1] (US, Canada only)   **Communication and ISP**   - Acer Crystal Eye   - Acer Video Conference Manager[1]   - Microsoft® Silverlight™   - Skype™   - Windows Live™ Essentials — Wave 3.2 (Mail, Photo Gallery, Live™ Messenger, Movie Maker, Writer)   **Web links and utilities**   - Acer Accessory Store[1] (Belgium, France, Germany, Italy, Netherlands, Spain, Sweden, UK only)   - Acer Assist

Aspire 5943G Specifications (v2-1-3)	
	• Acer Identity Card
	• Acer Registration
	• Acer Updater
	• eBay® shortcut 2009[1] (Canada, France, Germany, Italy, Mexico, Spain, UK, US only)
	• Netflix shortcut[1] (US only)
Optional items	Acer Xpress VoIP phone and Acer Video Conference Manager pack
	Acer Media Center remote control
	1 GB / 2 GB / 4 GB DDR3 1066 MHz soDIMM module
	6-cell Li-ion battery pack
	3-pin 90 W AC adapter
	External USB floppy disk drive
	External USB modem
Warranty	One-year International Travelers Warranty (ITW)

Windows®. Life without Walls™. Acer recommends Windows 7.

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. Dolby® Pro Logic® and the double-D symbol are registered trademarks of Dolby® Laboratories.

9. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming).

10. 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.

11. Two VQE-enabled Acer notebooks with dual-core processors are

required to enjoy the exclusive benefits and added performance of VQE.

12. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.

13. 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 802.11a/b/g/Draft-n and 802.11b/g standards.

14. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.

15. Supported on 4400, 4800 and 5200 mAh battery packs only.

16. Your computer's battery life may vary depending on product specifications, computer settings, and applications or features launched. The listed battery life is for individual battery packs tested with MobileMark 2007 in productivity test mode and with wireless connection on. All batteries' maximum capacity will diminish with time and use.

17. While an eSATA device is plugged in, two USB 2.0 ports remain functional.

18. 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) 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.

About Acer
Since its founding in 1976, Acer has pursued the goal of breaking the barriers between people and technology. Globally, Acer ranks top 3 for total PCs and No. 2 for notebooks, with the fastest growth among the top-five players. A profitable and sustainable Channel Business Model is instrumental to Acer's continued growth, while the successful acquisitions of Gateway and Packard Bell complete the company's global footprint by strengthening its presence in the U.S. and enhancing its strong position in Europe. Acer is proud to be a Worldwide Partner of the Olympic Movement in staging the Vancouver 2010 Olympic Winter and London 2012 Olympic Games. The Acer Group employs more than 6,000 people worldwide. 2008 revenues reached US$16.65 billion. See www.acer-group.com for more information.

Aspire 5943G Specifications (v2-1-3)