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Aspire 5920G Quick Spec	
Operating system[1]	Genuine Windows Vista® Ultimate Genuine Windows Vista® Home Premium Genuine Windows Vista® Ultimate 64-bit[2] Genuine Windows Vista® Home Premium 64-bit[2]
Platform[1]	Intel® Centrino® processor technology, featuring: • Intel® Core™2 Duo processor T9300/T9500 (6 MB L2 cache, 2.50/2.60 GHz, 800 MHz FSB), or T8100/T8300 (3 MB L2 cache, 2.10/2.40 GHz, 800 MHz FSB), T7300/T7500/T7700 (4 MB L2 cache, 2/2.20/2.40 GHz, 800 MHz FSB), T7100 (2 MB L2 cache, 1.80 GHz, 800 MHz), supporting Intel® 64 architecture • Mobile Intel® PM965 Express Chipset • Intel® Wireless WiFi Link 4965AGN (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ with InviLink™ Nplify™[3, 4] wireless technology, or • Intel® PRO/Wireless 3945ABG[5] (dual-band tri-mode 802.11a/b/g) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology
System memory[1, 6, 7]	Dual-channel DDR2 SDRAM support Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules (dual-channel support)
Display	15.4" WXGA high-brightness (220-nit) Acer CrystalBrite™ TFT LCD, 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™ 8 ms response time
TV-tuner[1]	Acer TV-tuner options: Digital TV-tuner supporting DVB-T (Digital Video Broadcasting-Terrestrial) standard (6 to 8 MHz) TV-tuner I/O: • RF-in jack for digital TV antenna cable input TV-tuner cable: • PAL cable for digital TV input,

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	PAL/SECAM-to-NTSC port converter
	Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology
Graphics[1]	NVIDIA® GeForce® 8600M GT with up to 1280/1024 MB of TurboCache™ (512/256 MB of dedicated GDDR2 VRAM, up to 768 MB of shared system memory), supporting NVIDIA® PureVideo™ HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10, or
	NVIDIA® GeForce® 8600M GS with up to 1280/1024 MB of TurboCache™ (512/256 MB of dedicated GDDR2 VRAM, up to 768 MB of shared system memory), supporting NVIDIA® PureVideo™ HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10, or
	NVIDIA® GeForce® 8400M GS with up to 1024 MB of TurboCache™ (256 MB of dedicated GDDR2 VRAM, up to 768 MB of shared system memory), supporting NVIDIA® PureVideo™ HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10
	Dual independent display support
	16.7 million colors
	External resolution/refresh rate:
	2048 x 1536: 75/60 Hz 1920 x 1440: 85/75/60 Hz 1920 x 1200: 75/60 Hz 1920 x 1080: 100/85/75/60 Hz 1600 x 1200: 120/100/85/75/60 Hz 1600 x 900: 120/100/85/75/60 Hz 1400 x 1050: 85/75/60 Hz 1280 x 1024: 120/100/85/75/60 Hz 1280 x 960: 85/75/60 Hz 1280 x 768: 85/75/60 Hz 1280 x 720: 100/85/75/60 Hz 1024 x 768: 120/100/85/75/60 Hz 800 x 600: 120/100/85/72/60 Hz
	MPEG-2/DVD decoding
	WMV9 (VC-1) and H.264 (AVC) decoding
	S-video/TV-out (NTSC/PAL) support

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	HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
	Acer Arcade™, featuring Acer CinemaVision™ and Acer ClearVision™ technologies[8]
Audio	Dolby®[9]-certified surround sound system with two built-in stereo speakers and one subwoofer supporting low-frequency effects
	Certified Dolby Home Theater®[9] audio enhancement featuring Dolby® Digital, Dolby® Digital Live, Dolby Pro Logic® II, Dolby® Headphone and Dolby® Virtual Speaker technologies
	High-definition audio support
	S/PDIF (Sony/Philips Digital Interface)[10] support for digital speakers
	MS-Sound compatible
	Acer PureZone technology with two built-in stereo microphones featuring beam forming, echo cancellation, and noise suppression technologies
Storage[1]	120/160/200/250/320 GB or larger hard disk drive[11]
	Intel® Turbo Memory supported[1]
	5-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
Optical media drive[1]	1X Blu-ray Disc™ (BD)/DVD-Super Multi double-layer drive: • Read: 24X CD-ROM, 24X CD-R, 16X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 4X DVD-ROM DL (double-layer), 4X DVD-R DL (double-layer), 4X DVD+R DL (double-layer), 4X DVD-RW, 4X DVD+RW, 5X DVD-RAM, 2X BD-ROM, 2X BD-R, 2X BD-RE, 2X BD-ROM DL (double-layer), 2X BD-R DL (double-layer), 2X BD-RE DL (double-layer), • 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 (double-layer), 4X DVD-R DL (double-layer) 1X HD DVD-ROM[12]/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 (double-layer), 4X DVD-R DL

	(double-layer), 4X DVD+R DL (double-layer), 4X DVD-RW, 4X DVD+RW, 3X DVD-RAM, 1X HD DVD-ROM, 1X HD DVD-R, 1X HD DVD-RW, 1X HD DVD-ROM DL (double-layer), 1X HD DVD-R DL (double-layer), 1X HD DVD-RW DL (double-layer) • Write: 16X CD-R, 10X CD-RW, 4X DVD-R, 4X DVD+R, 4X DVD-RW, 4X DVD+RW, 3X DVD-RAM, 2.4X DVD+R DL (double-layer), 2X DVD-R DL (double-layer) 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 (double-layer), 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 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 (double-layer), 4X DVD+R DL (double-layer), 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Communication	Acer Video Conference, featuring: • Integrated Acer Crystal Eye webcam, supporting enhanced Acer PrimaLite™ technology • Acer Video Conference Manager software featuring Video Quality Enhancement (VQE) technology with H.264 video compression, supporting 640 x 480 resolution online video calls with drag-and-drop Picture-in-Picture (PIP) interactivity[13] • Acer PureZone technology • Optional Acer Xpress VoIP phone WLAN[1, 4, 5]: Intel® Wireless WiFi Link 4965AGN (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ with InviLink™ Nplify™[3] wireless technology, or Intel® PRO/Wireless 3945ABG (dual-band tri-mode 802.11a/b/g) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology WPAN[1]: Bluetooth® 2.0+EDR (Enhanced Data Rate) LAN: Gigabit Ethernet, Wake-on-LAN ready Modem: 56K ITU V.92 with PTT approval[14], Wake-on-Ring ready

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Dimensions and weight[1]	364 (W) x 270.2 (D) x 30.8/43.7 (H) mm (14.3 x 10.6 x 1.2/1.7 inches)
	3.0 kg (6.6 lbs.)
Power[1]	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes
	71 W 4800 mAh 8-cell Li-ion battery pack:
	• 3.5-hour[15] battery life
	44 W 4000 mAh 6-cell Li-ion battery pack:
	• 2.5-hour[15] battery life
	Acer QuicCharge™ technology:
	• 80% charge in 1 hour
	• 2-hour rapid charge system-off
	• 3-hour charge-in-use
	3-pin 90 W AC adapter
Special keys and controls[1]	88-/89-/93-key keyboard[1] with inverted "T" cursor layout, 2.5 mm (minimum) key travel
	Seamless touchpad pointing device with 4-way scroll button
	12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent Euro and US dollar sign keys
	Empowering Key
	Easy-launch buttons: WLAN, Bluetooth®, email, Internet, programmable
	Acer MediaTouch keys: Acer Arcade™ Deluxe[1] play/pause, stop, previous, next, record

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I/O ports	ExpressCard™/54 slot
	5-in-1 card reader (SD™, MMC, MS, MS PRO, xD)
	Four USB 2.0 ports
	HDMI™ port with HDCP support
	IEEE 1394 port
	Consumer infrared (CIR) port
	External display (VGA) port
	S-video/TV-out (NTSC/PAL) port[1]
	Headphone/speaker/line-out jack with S/PDIF support
	Microphone-in jack
	Line-in jack
	Ethernet (RJ-45) port
	Modem (RJ-11) port
	DC-in jack for AC adapter
Software	Acer Empowering Technology (Acer eNet, ePower, eAudio, ePresentation, eDataSecurity[1], eLock, eRecovery, eSettings Management)
	Acer Arcade™[1] featuring Cinema, Video, Music, Acer HomeMedia
	Acer Arcade™ Deluxe[1] featuring DV Wizard, VideoMagician, DVDivine, Acer HomeMedia
	Acer Crystal Eye[1]
	Acer GridVista™
	Acer Launch Manager
	Acer GameZone[1]
	Acer Video Conference Manager[1]
	Acer Video Conference Manager featuring Video Quality Enhancement (VQE)[1,13]
	Adobe® Reader®
	CyberLink® PowerProducer®
	Norton Internet Security™
	NTI CD-Maker™
	Microsoft® Works 8.5 with Office Home and Student 2007 Trial
Optional items	Acer Xpress VoIP phone and Acer Video Conference Manager pack
	Acer Media Center remote control

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	512 MB/1 GB/2 GB DDR2 667 MHz soDIMM module
	8-cell Li-ion battery pack
	3-pin 90 W AC adapter
	External USB floppy disk drive
Warranty	One-year International Travelers Warranty (ITW)

Acer recommends Windows Vista® Business.

1. Specifications vary depending on model.

2. 64-bit software is required to enjoy the advantages of 64-bit processing.

3. Acer InviLink™ 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 and 802.11b/g standards.

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

5. Models with 802.11b/g WLAN support, validated with Intel® Centrino® processor technology, may be offered in some regions.

6. Up to 1 GB of available system memory may be allocated for system resource requirements.

7. Shared system memory may be allocated to support integrated graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of dedicated and shared system memory utilized by the graphics solution and resources required by the operating environment.

8. Powered by CyberLink® technology.

9. Dolby®, Pro Logic® and the double-D symbol are registered trademarks of Dolby® Laboratories. Dolby Home Theater® is a trademark of Dolby® Laboratories.

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

11. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer eRecovery Management utilizes up to 8 GB (10 GB with Microsoft® Works 8.5 with Office Home and Student 2007 Trial) of the stated hard disk capacity as dedicated backup space.

12. The HD DVD Logo is a trademark of DVD Format/Logo Licensing Corporation.

13. Two VQE-enabled Acer notebooks with dual-core processors are required to enjoy the exclusive benefits and added performance of VQE.

14. PTT countries: **Asia**: China, Hong Kong, Japan, Korea, Malaysia, Singapore, Taiwan. **Europe**: Austria, Belgium, Denmark, Finland, France, Germany,

Greece, Holland, Iceland, Italy, Luxembourg, Norway, Portugal, Spain, Sweden, Switzerland. **Oceania**: Australia, New Zealand. **N. America**: Canada, USA.

15. Battery life varies depending on product specifications, computer settings, and applications or features launched, and may be reduced if Windows Aero™ is enabled. All batteries' maximum capacity diminishes with time and use.

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 constantly pursued the goal of breaking the barriers between people and technology. Focused on marketing its brand-name IT products around the globe, Acer ranks as the world's No. 3 (3Q07) vendor 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 merger of Gateway Inc. as a wholly owned subsidiary completes the company's global footprint by strengthening its presence in the U.S. and enhancing its strong position in Europe. Acer Inc. employs 5,300 people worldwide. Revenues in 2006 reached US$11.32 billion. See www.acer.com for more information.

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