Aspire 8930G Specifications	
Operating system[1]	Genuine Windows Vista® Ultimate
	Genuine Windows Vista® Home Premium
Platform[1]	Intel® Centrino® 2 processor technology, featuring:
	• Intel® Core™2 Duo processor T9400/P9500 (6 MB L2 cache, 2.53 GHz, 1066 MHz FSB, 35 W/25 W), T9600 (6 MB L2 cache, 2.80 GHz, 1066 MHz FSB, 35 W) or P7350/P8400/P8600 (3 MB L2 cache, 2/2.26/2.40 GHz, 1066 MHz, 25 W), supporting Intel® 64 architecture
	• Mobile Intel® PM45 Express Chipset
	• Intel® Wireless WiFi Link 5100/5300 (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology, supporting Acer SignalUp™ with Nplify™[2, 3] wireless technology
	• Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module[4], supporting Acer SignalUp™ with Nplify™[2, 3] wireless technology:
	o Wi-Fi® (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology
	o WiMAX™ (single-band 802.16e/2.5G) WiMAX Forum Certified® WAN (Wide Area Network) connection[4], featuring Mobile WiMAX™ and MIMO technology
System memory[1, 5, 6]	Dual-channel DDR3 SDRAM support
	Up to 2 GB of DDR3 1066 MHz memory, upgradeable to 4 GB using two soDIMM modules[7]
Display[1]	18.4" Full HD 1920 x 1080 pixel resolution, high-brightness (300-nit), Acer CineCrystal™ TFT LCD, two lamps, supporting simultaneous multi-window viewing via Acer GridVista™
	16:9 aspect ratio
	8 ms high-def response time
	90% color gamut
	18.4" Full HD 1920 x 1080 pixel resolution, high-brightness (220-nit), Acer CineCrystal™ TFT LCD, two lamps, supporting simultaneous multi-window viewing via Acer GridVista™
	16:9 aspect ratio
	8 ms high-def response time

Aspire 8930G Specifications	
	60% color gamut
	18.4" HD+ 1680 x 945 pixel resolution, high-brightness (220-nit) Acer CineCrystal™ TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™
	16:9 aspect ratio
	8 ms high-def response time
	60% color gamut
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, PAL/SECAM-to-NTSC port converter
	Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology
Graphics[1]	NVIDIA® GeForce® 9700M GT with up to 2303[8] MB of TurboCache™ (512 MB of dedicated GDDR3 VRAM, up to 1791 MB of shared system memory), supporting NVIDIA® PureVideo™ HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10
	NVIDIA® GeForce® 9600M GT with up to 2815[8] MB of TurboCache™ (1024 MB of dedicated GDDR3 VRAM, up to 1791 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
	• 1680 x 945: 100/85/75/60 Hz
	• 1600 x 1200: 120/100/85/75/60 Hz
	• 1600 x 900: 120/100/85/75/60 Hz

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	• 1400 x 1050: 85/75/60 Hz
	• 1366 x 768: 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
	HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
	Acer Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technologies[9]
Audio	Optimized 2nd Generation Dolby Home Theater®[10] audio enhancement, featuring Dolby® Digital, Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass and Dolby® Sound Space Expander technologies[11]
	Acer CineSurround with five built-in speakers and one Acer Tuba CineBass booster supporting low-frequency effects
	True5.1-channel surround sound output
	High-definition audio support
	S/PDIF (Sony/Philips Digital Interface)[12] 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	160/250/320/500 GB or larger hard disk drive[1, 13]
	Intel® Turbo Memory supported[1]
	6-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™[1] writer/DVD Super Multi double-layer combo drive:
	• Read: Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 8X DVD-ROM DL (double-layer), 6X DVD-R DL (double-layer), 6X

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	DVD+R DL (double-layer), 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM, 4X BD-ROM, 4X BD-R, 2X BD-RE, 4X BD-ROM DL (double-layer), 4X BD-R DL (double-layer), 2X BD-RE DL (double-layer),
	• 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 (double-layer), 4X DVD-R DL (double-layer), 4X BD-R, 2X BD-RE, 4X BD-R DL (double-layer), 2X BD-RE DL (double-layer),
	2X Blu-ray Disc™/DVD-Super Multi double-layer drive:
	• Read: 24X CD-ROM, 24X CD-R, 24X/16X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X/4X DVD-ROM DL (double-layer), 6X/4X DVD-R DL (double-layer), 6X/4X DVD+R DL (double-layer), 6X/4X DVD-RW, 6X/4X DVD+RW, 5X DVD-RAM, 2X BD-ROM, 2X BD-R, 2X BD-RE, 2X BD-ROM DL (double-layer), 2X/1.6X BD-R DL (double-layer), 2X BD-RE DL (double-layer)
	• Write: 16X/8X CD-R, 10X/4X CD-RW, 8X DVD-R, 8X DVD+R, 4X DVD-RW, 4X DVD+RW, 5X DVD-RAM, 4X/2.4X DVD+R DL (double-layer), 4X/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[1], 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[14]
	• Acer PureZone technology
	• Optional Acer Xpress VoIP phone
	WLAN[1, 3]: Intel® Wireless WiFi Link 5100/5300 (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network

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	connection, featuring MIMO technology, supporting Acer SignalUp™ with Nplify™[2] wireless technology
	Wi-Fi®/WiMAX™[1, 3]: Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module[4], supporting Acer SignalUp™ with Nplify™[2] wireless technology featuring::
	• Wi-Fi® (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology
	• WiMAX™ (single-band 802.16e/2.5G) WiMAX Forum Certified® WAN (Wide Area Network) connection[4], featuring Mobile WiMAX™ and MIMO 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[15], Wake-on-Ring 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]	441.4 (W) x 300 (D) x 40.2/44.2 (H) mm (17.4 x 11.8 x 1.58/1.74 inches)
	4.1 kg (9.04 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:
	• 2-hour battery life[16] with NVIDIA® GeForce® 9700M GT
	• 2.5-hour battery life[16] with NVIDIA® GeForce® 9600M GT
	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
	ENERGY STAR® 4.0
Special keys and controls	105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel
	Touchpad pointing device with Acer Bio-Protection

	fingerprint reader[1], featuring Acer FingerNav 4-way control function
	12 function keys, four cursor keys, two Windows® keys, hotkey controls, standard numeric keypad, international language support, independent US and Euro dollar sign keys
	Empowering Key
	Easy-launch buttons: WLAN, Bluetooth®, email, Internet
	Acer CineDash media console capacitive human interface device, including: • Acer Arcade™ • Volume meter (volume up/down) • Menu navigation (enter/back/left/right) • Media control (play/pause, stop, previous, next, fast forward, rewind) • Mute and hold keys
	Acer Media Center remote control (optional)
I/O ports	ExpressCard™/54 slot
	6-in-1 card reader (SD™, MMC, MMCplus™, MS, MS PRO, xD)
	Four USB 2.0 ports[17]
	HDMI™ port with HDCP support
	DisplayPort
	eSATA port
	Consumer infrared (CIR) port
	External display (VGA) port
	RF-in jack[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 eAudio, ePower, eDataSecurity[1], eRecovery, eSettings Management[1])
	Acer Arcade™ Deluxe[1] featuring Cinema, Album, Music, Acer HomeMedia
	Acer InstantOn Arcade

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	Acer Bio-Protection[1]
	Acer Crystal Eye[1]
	Acer GridVista™
	Acer Launch Manager
	Acer GameZone[1]
	Acer Video Conference Manager featuring Video Quality Enhancement (VQE)[1, 14]
	Adobe® Reader®
	CyberLink® PowerDirector® trial version
	McAfee® Internet Security Suite
	NTI Media Maker™
	Microsoft® Works 8.5 with Office Home and Student 2007 Trial[1]
Optional items	Acer Xpress VoIP phone and Acer Video Conference Manager pack
	Acer Media Center remote control
	512 MB/1 GB/2 GB DDR3 1066 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. 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.

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

4. Subject to availability.

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

6. 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.

7. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory.

8. For systems with 4 GB of system memory. The total graphics memory visible to the OS is less than the actual size allocated from the physical memory installed and varies depending on the configuration under a 32-bit OS.

9. Powered by CyberLink® technology.

10. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Home Theater® is a trademark of Dolby® Laboratories.

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

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

13. 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 10 GB of the stated hard disk capacity as dedicated backup space.

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

15. 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.

16. 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.

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

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 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 mergers 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 Inc. employs 5,000 people worldwide. 2007 revenues reached US$14.07

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billion. See www.acer.com for more information.

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