Aspire 8935G Specifications	
Operating system[1]	Genuine Windows Vista® Ultimate (Service Pack 1)
	Genuine Windows Vista® Home Premium (Service Pack 1)
Platform[1]	Intel® Centrino® processor technology, featuring:
	• **Intel® Core™2 extreme** processor **Q9000** (6 MB L2 cache, 2 GHz, 1066 MHz FSB, 45 W), supporting Intel® 64 architecture
	• **Intel® Core™2 Duo** processor **T9550/T9600/T9800** (6 MB L2 cache, 2.66/2.8/2.93 GHz, 1066 MHz FSB, 35 W), or **P9500** (6 MB L2 Cache, 2.53 GHz, 1066 MHz FSB, 25 W), or **P7350/P7450/P8600/P8700** (3 MB L2 cache, 2/2.13/2.4/2.53 GHz, 1066 MHz FSB, 25 W), or **T6400/T6600** (2 MB L2 cache, 2/2.2 GHz, 800 MHz FSB, 35 W), supporting Intel® 64 architecture
	• Mobile Intel® GM45 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
System memory[1, 4, 5]	Dual-channel DDR3 SDRAM support
	Up to 2 GB of DDR3 1066 MHz memory, upgradeable to 4 GB using two soDIMM modules
Display	18.4" Full HD 1920 x 1080 pixel resolution, high-brightness (220-nit) Acer CineCrystal™ LED-backlit TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™
	16:9 aspect ratio
	8 ms high-def response time
	60% color gamut
	Frameless design
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

Aspire 8935G Specifications	
	Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology
Graphics	Mobile Intel® GM45 Express Chipset with integrated 3D graphics, featuring Intel® Graphics Media Accelerator 4500MHD (Intel® GMA 4500MHD) with up to 1759 MB of Intel® Dynamic Video Memory Technology 5.0 (64 MB of dedicated video memory, up to 1695 MB of shared system memory), supporting Microsoft® DirectX® 10

ATI Mobility Radeon™ HD 4670 with up to 2816[6] MB of HyperMemory™ (1024 MB of dedicated DDR3 VRAM, up to 1792 MB of shared system memory), supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.1, Microsoft® DirectX® 10.1

ATI Mobility Radeon™ HD 4650 with up to 2816[6] MB of HyperMemory™ (1024 MB of dedicated DDR2 VRAM, up to 1792 MB of shared system memory), supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.1, Microsoft® DirectX® 10.1

NVIDIA® GeForce® GT 130M with up to 2815[6] MB of TurboCache™ (1024 MB of dedicated DDR2 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

- 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 |

Aspire 8935G Specifications	
	• 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) decoding
	HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
	Acer Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technologies[7]
Audio	Dolby®[9]-optimized Acer CineSurround sound system with five built-in speakers and Acer Tuba CineBass booster supporting low-frequency effects
	Optimized 3rd Generation Dolby Home Theater®[8] audio enhancement, featuring Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass, Dolby® Sound Space Expander, Dolby® Inverse Filtering, Dolby® High Frequency Enhancer technologies[9]
	True5.1-channel surround sound output
	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	One or two 160/250/320/500 GB or larger hard disk drives[1, 11]
	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	4X Blu-ray Disc™ Writer/DVD SuperMulti double-layer combo drive[1]:
	• 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 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)
	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 (double-layer), 6X DVD-R DL (double-layer), 6X 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)
	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 high-def webcam, featuring 640 x 480 @ 30 fps or 1280 x 800 @ 30 fps resolution, supporting enhanced Acer PrimaLite™ technology[1]
	• 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[12]
	• Acer PureZone technology
	WLAN[1, 3]: 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] wireless technology
	WPAN[1]: Bluetooth® 2.0+EDR (Enhanced Data Rate)
	LAN: Gigabit Ethernet, Wake-on-LAN ready

Aspire 8935G Specifications	
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	440 (W) x 295 (D) x 31/43.8 (H) mm (17.34 x 11.62 x 1.22/1.73 inches)
	4.6 kg (10.1 lbs.) with 8-cell battery[13]
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 battery life[14]
	Acer QuicCharge™ technology:
	• 80% charge in 1 hour
	• 2-hour rapid charge system-off
	• 3-hour charge-in-use
	3-pin 120 W AC adapter
	ENERGY STAR®

Aspire 8935G Specifications	
Special keys and controls	Backlit 103-/104-/107-key keyboard, with inverted "T" cursor layout
	Multi-gesture touchpad pointing device, supporting:
	- Circular-motion scrolling - Pinch-action zoom - Page flip
	Acer Bio-Protection fingerprint reader[1], featuring Acer FingerNav 4-way control function
	12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent US dollar and Euro symbol keys
	Easy-launch keys: WLAN, Bluetooth®[1], Acer Backup, Acer PowerSmart
	Acer MediaTouch capacitive human interface device, including:
	- Acer Arcade™ - Volume meter (volume up/down) - Media control (play/pause, stop, previous, next) - Mute and hold keys
	Acer Media Center remote control[1]
I/O ports	ExpressCard®/54 slot
	Acer Bio-Protection fingerprint reader[1]
	5-in-1 card reader (SD™, MMC, MS, MS PRO, xD)
	Four USB 2.0 ports[15]
	IEEE 1394 port
	HDMI™ port with HDCP support
	Display port
	eSATA port
	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	Acer Arcade™ Deluxe featuring Cinema, Album, Music, HomeMedia

Aspire 8935G Specifications	
	Acer InstantOn Arcade
	Acer Bio-Protection[1]
	Acer Crystal Eye[1]
	Acer GridVista™
	Acer GameZone[1]
	Acer Launch Manager
	Acer Backup Manager
	Acer PowerSmart Manager
	Acer Recovery Management
	Acer Video Conference Manager, featuring Video Quality Enhancement (VQE)[1, 12]
	Adobe® Reader®
	McAfee® Internet Security Suite
	NTI Media Maker™
	Microsoft® Works 9.0 with Office Home and Student 2007 Trial
Optional items	Acer Media Center remote control
	1 GB / 2 GB DDR3 1066 MHz soDIMM module
	8-cell Li-ion battery pack
	3-pin 120 W AC adapter
	External USB floppy disk drive
Warranty	One-year International Travelers Warranty (ITW)

Acer recommends Windows Vista® Home Premium.

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

5. 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.

6. 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.

7. Powered by CyberLink® technology.

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

9. Dolby® Pro Logic® and the double-D symbol are registered trademarks 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 the operating environment. Acer eRecovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.

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

13. Weight varies depending on product configuration.

14. 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.

15. While an eSATA device is plugged in, two 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 billion. See www.acer.com for more information.

Aspire 8935G Specifications