



Aspire 6935G Quick Spec	
Operating system¹	Genuine Windows Vista® Ultimate Genuine Windows Vista® Home Premium
Platform¹	Intel® Centrino®2 processor technology, featuring: <ul style="list-style-type: none"> • 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, 2.0/2.26/2.40 GHz, 1066 MHz, 25 W), supporting Intel® 64 architecture • Mobile Intel® PM45 Express Chipset <ul style="list-style-type: none"> o 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, 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
Display¹	16" Full HD 1920 x 1080 pixel resolution, high-brightness (250-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-tuner¹	Acer TV-tuner options: Digital TV-tuner supporting DVB-T (Digital Video Broadcasting-Terrestrial) standard (6 to 8 MHz) TV-tuner I/O: <ul style="list-style-type: none"> • RF-in jack for digital TV antenna cable input TV-tuner cable: <ul style="list-style-type: none"> • PAL cable for digital TV input Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology
Graphics¹	NVIDIA® GeForce® 9600M GT with up to 2303 ⁸ MB of TurboCache™ (512 MB of dedicated GDDR3 VRAM, up

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	<p>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</p> <p>Dual independent display support</p> <p>16.7 million colors</p> <p>External resolution/refresh rate:</p> <ul style="list-style-type: none"> • 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 • 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 <p>MPEG-2/DVD decoding</p> <p>WMV9 (VC-1) and H.264 (AVC) decoding</p> <p>HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection)</p> <p>Acer Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technology⁹</p>
<p>Audio</p>	<p>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 technologies¹¹</p> <p>Two built-in stereo speakers and one Acer Tuba CineBass booster supporting low-frequency effects</p> <p>True5.1-channel surround sound output</p> <p>High-definition audio support</p>

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	<p>S/PDIF (Sony/Philips Digital Interface)¹² 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>
Storage¹	<p>120/160/250/320 GB or larger hard disk drive¹³</p> <p>Intel® Turbo Memory supported¹</p> <p>6-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), MultiMediaCard Plus (MMCplus™), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)</p>
Optical media drive¹	<p>1X Blu-ray Disc™/DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> • 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) <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 (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	<p>Acer Video Conference, featuring:</p> <ul style="list-style-type: none"> • 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

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	<p>video calls with drag-and-drop Picture-in-Picture (PIP) interactivity¹⁴</p> <ul style="list-style-type: none"> • Acer PureZone technology • Optional Acer Xpress VoIP phone <p>WLAN¹:</p> <ul style="list-style-type: none"> o 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 <p>WPAN¹: Bluetooth® 2.0+EDR (Enhanced Data Rate)</p> <p>LAN: Gigabit Ethernet, Wake-on-LAN ready</p> <p>Modem: 56K ITU V.92 with PTT approval¹⁵, Wake-on-Ring ready</p>
Privacy control	<p>Acer Bio-Protection fingerprint solution, featuring Windows® logon, computer protection, FingerLaunch, ProfileLaunch, MusicLaunch, Password Bank, MyLaunch, Acer FingerNav</p> <p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Dimensions and weight¹	<p>385 (W) x 275 (D) x 43.6/39.3 (H) mm (15.13 x 10.81 x 1.71/1.55 inches)</p> <p>3.5 kg (7.72 lbs.)</p>
Power¹	<p>ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes</p> <p>71 W 4800 mAh 8-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> • 3.2-hour battery life¹⁶ <p>48.8 W 4400 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> • 2.3-hour battery life¹⁶ <p>Acer QuicCharge™ technology:</p> <ul style="list-style-type: none"> • 80% charge in 1 hour • 2-hour rapid charge system-off • 3-hour charge-in-use <p>3-pin 90 W AC adapter</p> <p>ENERGY STAR® 4.0</p>
Special keys and controls¹	<p>88-/89-key keyboard¹ with inverted "T" cursor layout, 2.5 mm (minimum) key travel</p> <p>Touchpad pointing device with Acer Bio-Protection fingerprint reader, featuring Acer FingerNav</p>

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	<p>4-way control function</p> <p>12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent US and Euro dollar sign keys</p> <p>Empowering Key</p> <p>Easy-launch buttons: WLAN, Internet, email, Bluetooth®</p> <p>Acer CineDash media console capacitive human interface device, including:</p> <ul style="list-style-type: none"> • 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 <p>Acer Media Center remote control (optional)</p>
<p>I/O ports¹</p>	<p>ExpressCard™/54 slot</p> <p>6-in-1 card reader (SD™, MMC, MMCplus™, MS, MS PRO, xD)</p> <p>Four USB 2.0 ports</p> <p>eSATA¹⁷</p> <p>HDMI™ port with HDCP support</p> <p>Consumer infrared (CIR) port</p> <p>External display (VGA) port</p> <p>RF-in jack</p> <p>Headphone/speaker/line-out jack with S/PDIF support</p> <p>Microphone-in jack</p> <p>Line-in jack</p> <p>Ethernet (RJ-45) port</p> <p>Modem (RJ-11) port</p> <p>DC-in jack for AC adapter</p>
<p>Software</p>	<p>Acer Empowering Technology (Acer eAudio, ePower, eDataSecurity¹, eRecovery, eSettings Management)</p> <p>Acer Arcade™¹ Deluxe featuring Cinema, Album, Music, Acer HomeMedia</p> <p>Acer InstantOn Arcade</p> <p>Acer Bio-Protection</p>

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	<p>Acer Crystal Eye¹</p> <p>Acer GridVista™</p> <p>Acer Launch Manager</p> <p>Acer GameZone¹</p> <p>Acer Video Conference Manager¹</p> <p>Acer Video Conference Manager featuring Video Quality Enhancement (VQE)^{1, 14}</p> <p>Adobe® Reader®</p> <p>CyberLink® PowerDirector® trial version</p> <p>McAfee® Internet Security Suite</p> <p>NTI Media Maker™</p> <p>Microsoft® Works 9.0 with Office Home and Student 2007 Trial¹</p>
Optional items	<p>Acer Xpress VoIP phone and Acer Video Conference Manager pack</p> <p>Acer Media Center remote control</p> <p>512 MB/1 GB/2 GB DDR3 667 MHz soDIMM module</p> <p>8-cell Li-ion battery pack</p> <p>3-pin 90 W AC adapter</p> <p>External USB floppy disk drive</p>

Acer recommends Windows Vista® Business.

1. Specifications vary depending on model.
2. 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.
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

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- 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.

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