



Aspire 6930G Specifications	
Operating system <sup>1</sup>	Genuine Windows Vista® Ultimate (Service Pack 1) Genuine Windows Vista® Home Premium (Service Pack 1) Genuine Windows Vista® Home Basic (Service Pack 1)
Platform <sup>1</sup>	Intel® Centrino® 2 processor technology, featuring: <ul style="list-style-type: none"> <li>• 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 higher, P7350/P7450/P8400/P8600 (3 MB L2 cache, 2/2.13/2.26/2.40 GHz, 1066 MHz FSB, 25 W), or T5800/T5900/T6400/T6600 (2 MB L2 cache, 2/2.20/2/2.20 GHz, 800 MHz FSB, 35 W), supporting Intel® 64 architecture</li> <li>• Mobile Intel® PM45 Express Chipset</li> <li>• 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™<sup>2, 3</sup> wireless technology</li> <li>• Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module<sup>4</sup>, supporting Acer SignalUp™ with Nplify™<sup>2, 3</sup> wireless technology:               <ul style="list-style-type: none"> <li>○ Wi-Fi® (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology</li> <li>○ WiMAX™ (single-band 802.16e/2.5G) WiMAX Forum Certified™ WAN (Wide Area Network) connection<sup>4</sup>, featuring Mobile WiMAX™ and MIMO technology</li> </ul> </li> </ul>
System memory <sup>1, 5, 6</sup>	Dual-channel DDR2 SDRAM support Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules <sup>7</sup>
Display	16" Full HD 1920 x 1080 pixel resolution, high-brightness (250-nit), Acer CineCrystal™ TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™ <sup>1</sup> 16" HD 1366 x 768 pixel resolution, high-brightness (220-nit), Acer CineCrystal™ TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™ <sup>1</sup> 16:9 aspect ratio 8 ms high-def response time

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	60% color gamut
TV-tuner <sup>1</sup>	<p>Acer TV-tuner options:</p> <p>Digital TV-tuner supporting DVB-T (Digital Video Broadcasting-Terrestrial) standard (6 to 8 MHz)</p> <p>TV-tuner I/O:</p> <ul style="list-style-type: none"> <li>• RF-in jack for digital TV antenna cable input</li> </ul> <p>TV-tuner cable:</p> <ul style="list-style-type: none"> <li>• PAL cable for digital TV input</li> </ul> <p>Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology</p>
Graphics <sup>1</sup>	<p>NVIDIA® GeForce® 9600M GT with up to 2303<sup>8</sup>/2815<sup>8</sup> MB of TurboCache™ (512/1024 MB of dedicated GDDR3/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</p> <p>NVIDIA® GeForce® 9600M GS with up to 2303<sup>8</sup> MB of TurboCache™ (512 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</p> <p>NVIDIA® GeForce® 9300M GS with up to 2047<sup>8</sup>/2303<sup>8</sup> MB of TurboCache™ (256/512 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</p> <p>ATI Mobility Radeon™ HD 4650 with up to 2816<sup>7</sup> 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</p> <p>ATI Mobility Radeon™ HD 4570 with up to 2304<sup>7</sup> MB of HyperMemory™ (512 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</p> <p>Dual independent display support</p> <p>16.7 million colors</p> <p>External resolution/refresh rate:</p>

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	<ul style="list-style-type: none"> <li>• 2048 x 1536: 75/60 Hz</li> <li>• 1920 x 1440: 85/75/60 Hz</li> <li>• 1920 x 1200: 75/60 Hz</li> <li>• 1920 x 1080: 100/85/75/60 Hz</li> <li>• 1680 x 945: 100/85/75/60 Hz</li> <li>• 1600 x 1200: 120/100/85/75/60 Hz</li> <li>• 1600 x 900: 120/100/85/75/60 Hz</li> <li>• 1400 x 1050: 85/75/60 Hz</li> <li>• 1366 x 768: 85/75/60 Hz</li> <li>• 1280 x 1024: 120/100/85/75/60 Hz</li> <li>• 1280 x 960: 85/75/60 Hz</li> <li>• 1280 x 768: 85/75/60 Hz</li> <li>• 1280 x 720: 100/85/75/60 Hz</li> <li>• 1024 x 768: 120/100/85/75/60 Hz</li> <li>• 800 x 600: 120/100/85/72/60 Hz</li> </ul> <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) support</p> <p>Acer Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technologies<sup>9</sup></p>
Audio	<p>Dolby®<sup>10</sup>-optimized surround sound system with two built-in stereo speakers and one subwoofer supporting low-frequency effects</p> <p>Optimized 2<sup>nd</sup> Generation Dolby Home Theater®<sup>10</sup> audio enhancement, featuring Dolby® Digital, Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass, Dolby® Sound Space Expander technologies<sup>11</sup></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> <p>S/PDIF (Sony/Philips Digital Interface)<sup>12</sup> 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>

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Storage	<p>One or two hard disk drives<sup>13</sup></p> <ul style="list-style-type: none"> <li>• Main HDD: 120 - 320 GB or larger hard disk drive<sup>1</sup></li> <li>• 2nd HDD: 120 - 320 GB or larger hard disk drive<sup>1</sup></li> </ul> <p>Intel® Turbo Memory supported<sup>1</sup></p> <p>5-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)</p>
Optical media drive	<p>4X Blu-ray Disc™<sup>1</sup>/DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> <li>• Read: 24X CD-ROM, 24X CD-R, 24X/16X 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)</li> <li>• 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)</li> </ul> <p>4X Blu-ray Disc™ writer<sup>1</sup>/DVD SuperMulti double-layer combo drive:</p> <ul style="list-style-type: none"> <li>• 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)</li> <li>• 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)</li> </ul> <p>8X DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> <li>• 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</li> <li>• 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</li> </ul>
Communication	Acer Video Conference <sup>1</sup> , featuring:

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	<ul style="list-style-type: none"> <li>• Integrated Acer Crystal Eye webcam, supporting enhanced Acer PrimaLite™ technology<sup>1</sup></li> <li>• 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<sup>14</sup></li> <li>• Acer PureZone technology</li> <li>• Optional Acer Xpress VoIP phone</li> </ul> <p>WLAN<sup>1, 3</sup>: 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™<sup>2</sup> wireless technology</p> <p>Wi-Fi®/WiMAX™<sup>1, 3</sup>: Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module<sup>4</sup>, supporting Acer SignalUp™ with Nplify™<sup>2</sup> wireless technology</p> <ul style="list-style-type: none"> <li>• Wi-Fi®: (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology</li> <li>• WiMAX™: (single-band 802.16e/2.5G ) WiMAX Forum Certified™ WAN (Wide Area Network) connection<sup>4</sup>, featuring Mobile WiMAX™ and MIMO technology</li> </ul> <p>WPAN<sup>1</sup>: 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 approval<sup>15</sup>, Wake-on-Ring ready</p>
Privacy control	<p>Acer Bio-Protection fingerprint solution<sup>1</sup>, featuring Windows® logon, computer protection, Acer FingerLaunch, ProfileLaunch, MusicLaunch, Password Bank, MyLaunch, Acer FingerNav</p> <p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Dimensions and weight <sup>1</sup>	<p>385 (W) x 277.5 (D) x 41/43.9 (H) mm (15.7 x 11.5 x 1.6/1.7 inches)</p> <p>3.50 kg (7.71 lbs.) with 2 HDDs and 8-cell battery pack</p> <p>3.40 kg (7.49 lbs.) with 2 HDDs and 6-cell battery pack</p>
Power	<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:<sup>1</sup></p>

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	<ul style="list-style-type: none"> <li>• 3.5-hour battery life<sup>16</sup></li> </ul> 48.8 W 4400 mAh 6-cell Li-ion battery pack: <sup>1</sup> <ul style="list-style-type: none"> <li>• 2.5-hour battery life<sup>16</sup></li> </ul> Acer QuicCharge™ technology: <ul style="list-style-type: none"> <li>• 80% charge in 1 hour</li> <li>• 2-hour rapid charge system-off</li> <li>• 3-hour charge-in-use</li> </ul> 3-pin 90 W AC adapter ENERGY STAR® 4.0
Special keys and controls <sup>1</sup>	105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel  Touchpad pointing device with Acer Bio-Protection fingerprint reader <sup>1</sup> , 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  Empowering Key  Easy-launch buttons: WLAN, Bluetooth®, Internet, Acer Arcade™  Acer MediaTouch capacitive human interface device, including: <ul style="list-style-type: none"> <li>• Volume meter (volume up/down)</li> <li>• Media control (play/pause, stop, previous, next)</li> </ul> Acer Media Center remote control (optional)
I/O ports	Acer EasyPort IV connector ExpressCard™/54 slot Acer Bio-Protection fingerprint reader <sup>1</sup> 5-in-1 card reader (SD™, MMC, MS, MS PRO, xD) Four USB 2.0 ports <sup>17</sup> HDMI™ port with HDCP support eSATA port Consumer infrared (CIR) port External display (VGA) port RF-in jack <sup>1</sup> Headphone/speaker/line-out jack with S/PDIF support

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	<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>
Software	<p>Acer Empowering Technology (Acer eAudio, ePower, eDataSecurity<sup>1</sup>, eRecovery, eSettings<sup>1</sup> Management)</p> <p>Acer Arcade™ Deluxe<sup>1</sup> featuring Cinema, Album, Music, Acer HomeMedia</p> <p>Acer InstantOn Arcade</p> <p>Acer Bio-Protection<sup>1</sup></p> <p>Acer Crystal Eye<sup>1</sup></p> <p>Acer GridVista™</p> <p>Acer Launch Manager</p> <p>Acer GameZone</p> <p>Acer Video Conference Manager featuring Video Quality Enhancement (VQE)<sup>1, 14</sup></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 8.5 with Office Home and Student 2007 Trial</p>
Optional items <sup>1</sup>	<p>Acer EasyPort IV</p> <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 DDR2 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>
Warranty	One-year International Travelers Warranty (ITW)
<p>Acer recommends Windows Vista® Home Premium.</p> <p>1. Specifications vary depending on model.</p> <p>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™</p>	

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- 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



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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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### 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](http://www.acer.com) for more information.



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