



<i>Aspire 5920 Quick Spec</i>	
<i>Operating system</i> ¹	Windows Vista™ Ultimate Windows Vista™ Home Premium Windows Vista™ Home Basic
<i>Platform</i> ¹	Intel® Centrino® Duo mobile processor technology, featuring: <ul style="list-style-type: none"> • Intel® Core™2 Duo mobile processor T7300/T7500/T7700 (4 MB L2 cache, 2/2.20 /2.40 GHz, 800 MHz FSB), or T7100 (2 MB L2 cache, 1.80 GHz, 800 MHz), supporting Intel® 64 architecture • Mobile Intel® GM965 Express Chipset • Intel® Wireless WiFi Link 4965AGN Wi-Fi CERTIFIED® (dual-band quad-mode 802.11a/b/g/Draft-N) network connection, supporting Acer SignalUp™ with InviLink™ Nplify™ wireless technology, or • Intel® PRO/Wireless 3945ABG^{1, 2} (dual-band tri-mode 802.11a/b/g) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology
<i>System memory</i> ^{1, 3}	Dual-channel DDR2 SDRAM support Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB ⁴ using two soDIMM modules (dual-channel support)
<i>Display</i>	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
<i>TV-tuner</i> ¹	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, PAL/SECAM-to-NTSC port converter Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology

Aspire 5920 Quick Spec

Graphics

Mobile Intel® GM965 Express Chipset with integrated 3D graphics, featuring Intel® Graphics Media Accelerator (GMA) X3100 with up to 358 MB of Intel® Dynamic Video Memory Technology 4.0 (8 MB of dedicated, up to 350 MB of shared system memory), supporting Microsoft® DirectX® 9 and DirectX® 10⁵

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 hardware-assisted capability (acceleration)

WMV9 (VC-1) support (acceleration)⁵

S-video/TV-out (NTSC/PAL) support

Acer Arcade™ featuring Acer CinemaVision™ and Acer ClearVision™ technologies

<i>Aspire 5920 Quick Spec</i>	
Audio	<p>Dolby^{®6}-certified surround sound system with two built-in stereo speakers and one subwoofer supporting low-frequency effects</p> <p>Dolby[®] Home Theater[™] audio enhancement featuring Dolby[®] Digital, Dolby[®] Digital Live, Dolby[®] Pro Logic[®] II, Dolby[®] Digital Stereo Creator, Dolby[®] Headphone and Dolby[®] Virtual Speaker technologies</p> <p>Intel[®] High Definition Audio support</p> <p>S/PDIF (Sony/Philips Digital Interface)⁷ 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>80/120/160/200 GB or larger hard disk drive⁸</p> <p>Intel[®] Turbo Memory supported¹</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 drive¹	<p>1X HD DVD drive¹:</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), 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) <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	Acer Video Conference, featuring:

<i>Aspire 5920 Quick Spec</i>	
	<ul style="list-style-type: none"> • Integrated Acer Crystal Eye webcam, supporting enhanced Acer PrimaLite™ technology • Acer PureZone technology • Optional Acer Xpress VoIP phone <p>WLAN^{1, 2}: Intel® Wireless WiFi Link 4965AGN (dual-band quad-mode 802.11a/b/g/Draft-N) network connection, supporting Acer SignalUp™ with InviLink™ Nplify™ 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</p> <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 approval⁹, Wake-on-Ring ready</p>
<i>Dimensions and weight¹</i>	<p>364 (W) x 270.2 (D) x 30.8/43.7 (H) mm (14.3 x 10.6 x 1.2/1.7 inches)</p> <p>3.0 kg (6.6 lbs.)</p>
<i>Power¹</i>	<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"> • 4.3-hour¹⁰ battery life <p>44 W 4000 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> • 3.0-hour¹⁰ battery life <p>3-pin 65 W AC adapter</p>
<i>Special keys and controls¹</i>	<p>88-/89-/93-key keyboard¹ with inverted "T" cursor layout, 2.5 mm (minimum) key travel</p> <p>Seamless touchpad pointing device with 4-way scroll button</p> <p>12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent Euro and US dollar sign keys</p> <p>Empowering Key</p> <p>Easy-launch buttons: WLAN, Bluetooth®, email, Internet, programmable</p> <p>Acer MediaTouch keys: Acer Arcade™ Deluxe¹ play/pause, stop, previous, next, record</p>

<i>Aspire 5920 Quick Spec</i>	
<i>I/O ports</i>	ExpressCard™ /54 slot 5-in-1 card reader (SD, MMC, MS, MS PRO, xD) Four USB 2.0 ports 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
<i>Software</i>	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 Adobe® Reader® CyberLink® PowerProducer® Norton Internet Security™ NTI CD-Maker™ Microsoft® Works 8.5 with Office Home and Student 2007 Trial
<i>Optional items</i>	Acer Xpress VoIP phone featuring Acer Video Conference Manager Acer Media Center remote control 512 MB / 1 GB / 2 GB ⁴ DDR2 667 MHz soDIMM module 8-cell Li-ion battery pack 3-pin 65 W AC adapter

<i>Aspire 5920 Quick Spec</i>	
	External USB floppy disk drive
Warranty	One-year International Travelers Warranty (ITW)
            	<p>Acer recommends Windows Vista™ Business.</p> <ol style="list-style-type: none"> 1. Specifications vary depending on model. 2. Models with 802.11b/g WLAN support, validated with Intel® Centrino® Duo mobile processor technology, may be offered in some regions. 3. 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. 4. 2 GB soDIMM modules subject to availability. 5. Subject to availability of software driver support. 6. Dolby®, Pro Logic® and the double-D symbol are registered trademarks of Dolby® Laboratories. 7. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming). 8. 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. 9. 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. 10. Battery life may be reduced if Windows Aero™ is enabled. <p>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.</p> <p>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.</p>

Aspire 5920 Quick Spec



MEMORY STICK



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About Acer

Acer ranks as the world's No. 4 branded PC vendor, designing easy, dependable IT solutions that empower people to reach their goals and enhance their lives. Since spinning-off its manufacturing operation, Acer has focused on globally marketing its brand-name products: mobile and desktop PCs, servers and storage, LCD monitors and high-definition TVs, projectors, and handheld/navigational devices. Acer's unique Channel Business Model is instrumental to the company's continued success. The model encourages partners and suppliers to collaborate in a winning formula of supply-chain management, allowing Acer to provide customers with fresh technologies, competitive pricing, and quality service. Established in 1976, Acer Inc. employs 5,300 people supporting dealers and distributors in more than 100 countries. Revenue in 2006 reached US\$11.32 billion. Please visit www.acer.com.