



Aspire 5520G Quid	Aspire 5520G Quick Spec	
Operating system ¹	Windows Vista® Ultimate	
	Windows Vista® Home Premium	
	Windows Vista® Home Basic	
	Windows Vista® Starter	
Platform ¹	AMD Better By Design program, featuring:	
	 AMD Turion[™] 64 X2 dual-core mobile technology TL-66 / TL-64 / TL-60 / TL-58 / TL-56 / TL-52 (2x 512 MB L2 cache, 2.3/2.2/2.0/1.9/1.8/1.6 GHz, 1600 MHz HyperTransport[™] Bus) 	
	 AMD Turion[™] 64 mobile technology MK-36 / MK-38 (2/2.20 GHz, 512 KB L2 cache), supporting AMD PowerNow![™] technology and AMD HyperTransport[™] technology 	
	 AMD Athlon[™] 64 X2 dual-core mobile technology TK-53 / TK-55 (1.70/1.80 GHz, 2x 256 KB L2 cache), supporting AMD PowerNow![™] technology and AMD HyperTransport[™] technology 	
	 NVIDIA[®] nForce[®] 610M chipset 	
	 Acer InviLink[™] 802.11b/g Wi-Fi CERTIFIED[®] solution, supporting Acer SignalUp[™] wireless technology 	
System memory ^{1, 2}	Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB ³ using two soDIMM modules (dual-channel support)	
Display	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	
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:	
	RF-in jack for digital/analog 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	NVIDIA® GeForce® 8600M GS with up to 1280 MB of	

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·	TurboCache [™] technology (512 MB of dedicated GDDR2 VRAM, 768 MB of share system memory), Microsoft [®] DirectX [®] 9, DirectX [®] 10 support, PCI Express [®]
	NVIDIA GeForce® 8400M G with up to 896 MB ² of TurboCache [™] technology (128 MB of dedicated GDDR2 VRAM, up to 768 MB of shared system memory), Microsoft® DirectX® 9, DirectX® 10, PCI Express®
	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
	MEPG-2/DVD hardware-assisted capability (full decode) ¹
	WMV9 (VC-1) and H.264 (AVC) support (full decode) ¹
	S-video/TV-out (NTSC/PAL) support
	DVI-D ¹ (true digital video interface) with HDCP (High-bandwidth Digital Content Protection) support
	Acer Arcade [™] , featuring Acer CinemaVision [™] and Acer ClearVision [™] technologies
Audio	Dolby ^{®4} -certified surround sound system with two built-in stereo speakers
	Dolby [®] Home Theater [™] audio enhancement featuring Dolby [®] Digital, Dolby [®] Digital Live, Dolby [®] Pro Logic [®] II, Dolby [®] Digital Stereo Creator, Dolby [®] Headphone, Dolby [®] Virtual Speaker technologies
	High-definition audio support
	S/PDIF (Sony/Philips Digital Interface) ⁵ support for digital

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·	speakers	
	MS-Sound compatible	
	Built-in microphone	
Storage ¹	80/120/160/200/250 GB or larger hard disk drive ⁶	
	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 ¹	1X HD DVD-ROM drive ¹ :	
	 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-R, 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), 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) 	
	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 	
	DVD/CD-RW combo drive:	
	 Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 4X DVD-RW, 4X DVD+RW 	
	Write: 24X CD-R, 24X CD-RW	
Communication	Acer Video Conference ¹ , featuring:	
	 Integrated Acer Crystal Eye webcam, supporting enhanced Acer PrimaLite[™] technology 	
	Optional Acer Xpress VoIP phone	
	WLAN: Acer InviLink [™] 802.11b/g Wi-Fi CERTIFIED [®] network	

Acnira EE20G Out	ick Space
Aspire 5520G Qui	connection, supporting Acer SignalUp [™] wireless 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 ⁷ , Wake-on-Ring ready
Dimensions and weight ¹	366 (W) x 274 (D) x 33.6/42.6 (H) mm (14.4 x 10.8 x 1.3/1.7 inches)
_	2.75 kg (6.06 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:
	• 3-hour ⁸ battery life
	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
Special keys and controls ¹	88-/89-/93-key keyboard ¹ with inverted "T" cursor layout, 2.5 mm (minimum) key travel
	Seamless touchpad pointing device with 4-way scroll button
	12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent Euro and US dollar sign keys
	Four media control keys ¹ : play/pause, stop, next, previous
	Empowering Key
	Easy-launch buttons: WLAN, Bluetooth®, email, Internet, Acer Arcade™1
	Volume adjustment wheel

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I/O ports	ExpressCard [™] /54 slot	
•	5-in-1 card reader (SD [™] , MMC, MS, MS PRO, xD)	
	Four USB 2.0 ports	
	DVI-D port with HDCP support	
	IEEE 1394 port	
	Consumer infrared (CIR) port	
	External display (VGA) port	
	S-video/TV-out (NTSC/PAL) port ¹	
	AV-in port ¹	
	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 eNet, ePower, eAudio, ePresentation, eDataSecurity ¹ , eLock, eRecovery, eSettings, Management)	
	Acer Arcade ^{™1} featuring Cinema, Video, Album, Music, TV, Acer HomeMedia	
	Acer Arcade [™] Deluxe ¹ featuring DV Wizard, VideoMagician, DVDivine, TV, Acer HomeMedia	
	Acer Crystal Eye ¹	
	Acer GridVista [™]	
	Acer GameZone	
	Acer Launch Manager	
	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 ¹	
Optional items	Acer Xpress VoIP phone featuring Acer Video Conference Manager	
	Acer Media Center remote control	

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	512 MB / 1 GB / 2 GB ² DDR2 667 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. 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 this graphics solution and resources required by the operating environment.
- 3. 2 GB soDIMM modules subject to availability.
- 4. Dolby[®], Pro Logic[®] and the double-D symbol are registered trademarks of Dolby[®] Laboratories.
- 5. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming).
- 6. 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.
- 7. 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.
- 8. Battery life may be reduced if Windows Aero[™] is enabled.

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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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

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technologies, competitive pricing, and quality service. Established in 1976, Acer Inc. employs 5,300 people supporting dealers and distributors in more than 100 countries. Revenues in 2006 reached US\$11.32 billion. Please visit www.acer.com.





















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