Aspire 5520 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
Graphics	NVIDIA GeForce® 7000M with up to 896 MB[2] of TurboCache™ technology (256 MB of dedicated system memory, up to 640 MB of shared system memory), supporting Microsoft® DirectX® 9, 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

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	• 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
	S-video/TV-out (NTSC/PAL) 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 speakers
	MS-Sound compatible
	Built-in microphone
Storage[1]	80/120/160 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]	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

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	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 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 44 W 4000 mAh 6-cell Li-ion battery pack: • 3-hour[8] battery life • 2.5-hour rapid charge system-off • 3.5-hour charge-in-use 3-pin 65 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, Internet, email, Bluetooth®, Acer Arcade™[1] Volume adjustment wheel

Aspire 5520 Quick Spec	
I/O ports	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
Software	Acer Empowering Technology (Acer eNet, ePower, eAudio, ePresentation, eDataSecurity[1], eLock, eRecovery, eSettings, Management)
	Acer Arcade™[1] featuring Cinema, Video, Album, Music, Acer HomeMedia
	Acer Arcade™ Deluxe[1] featuring DV Wizard, VideoMagician, DVDivine, 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
	512 MB / 1 GB / 2 GB[2] DDR2 667 MHz soDIMM module
	8-cell Li-ion battery pack
	3-pin 65 W AC adapter

Aspire 5520 Quick Spec	
	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.

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.

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