Aspire 2930 Quick Spec	
Operating system[1]	Genuine Windows Vista® Ultimate (Service Pack 1)
	Genuine Windows Vista® Home Premium (Service Pack 1)
	Genuine Windows Vista® Home Basic (Service Pack 1)

Platform[1]	Intel® Centrino® 2 processor technology, featuring:
	
	 • 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, or P8400/P8600 (3 MB L2 cache, 2.26/2.40 GHz, 1066 MHz FSB, 25 W), supporting Intel® 64 architecture
	
	 • Mobile Intel® GM45 Express Chipset
	
	 • 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
	
	 • Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module[4], supporting Acer SignalUp™ with Nplify™[2, 3] wireless technology:
	
	     o Wi-Fi® (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology
	
	     o WiMAX™ (single-band 802.16e/2.5G) WiMAX Forum Certified® WAN (Wide Area Network) connection[4], featuring Mobile WiMAX™ and MIMO technology

System memory[1, 5, 6]	Dual-channel DDR2 SDRAM support
	Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules[7]
Display	12.1" WXGA high-brightness (200-nit) Acer CrystalBrite™ TFT LCD, high-def 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™
Graphics	Mobile Intel® GM45 Express Chipset with integrated 3D graphics, featuring Intel® Graphics Media Accelerator 4500MHD (Intel® GMA 4500MHD) with up to 1759 MB of Intel® Dynamic Video Memory Technology 5.0 (64 MB of dedicated video memory, up to 1695 MB of shared system memory), supporting Microsoft® DirectX® 10
	Dual independent display support

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	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
	• 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
	MPEG-2/DVD decoding
	WMV9 (VC-1) and H.264 (AVC) decoding
	Acer Arcade™, featuring Acer CinemaVision™ and Acer ClearVision™ technologies[8]
Audio	Dolby®[9]-optimized surround sound system with two built-in stereo speakers
	Optimized 2nd Generation Dolby Home Theater®[9] audio enhancement, featuring Dolby® Digital, Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass and Dolby® Sound Space Expander technologies[10]
	True5.1-channel surround sound output
	High-definition audio support
	S/PDIF (Sony/Philips Digital Interface)[11] support for digital speakers
	MS-Sound compatible
	Acer PureZone technology with two built-in stereo microphones featuring beam forming, echo cancellation, and noise suppression technologies

Aspire 2930 Quick Spec	
Storage[1]	120/160/250/320 GB or larger hard disk drive[12]
	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 DVD-ROM, 6X DVD-R, 6X DVD+R, 8X DVD-ROM DL (double-layer), 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 6X DVD-RW, 6X DVD+RW, 4X DVD-RAM • Write: 24X CD-R, 24X CD-RW

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Communication[1]	Acer Video Conference, featuring:
	• Integrated Acer Crystal Eye high-def webcam, featuring 640 x 480 @ 30 fps or 1280 x 800 @ 30 fps resolution image capture, supporting enhanced Acer PrimaLite™ technology Optional Acer Xpress VoIP phone
	• 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[13]
	• Acer PureZone technology
	• Optional Acer Xpress VoIP phone
	WLAN[3]: 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] wireless technology
	Wi-Fi®/WiMAX™[3]: Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module[4], supporting Acer SignalUp™ with Nplify™[2] wireless technology
	• Wi-Fi®: (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology
	• WiMAX™: (single-band 802.16e/2.5G) WiMAX Forum Certified™ WAN (Wide Area Network) connection[4], featuring Mobile WiMAX™ and MIMO 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[14], Wake-on-Ring ready
Privacy control	Acer Bio-Protection fingerprint solution, featuring, computer protection, Acer FingerLaunch, Acer FingerNav[1]
	BIOS user, supervisor, HDD passwords
	Kensington lock slot
Dimensions and weight[1]	304.8 (W) 230 (D) 35.7/42.1 (H) mm (12 x 9 x 1.4/1.6 inches)
	2.1 kg (4.6 lbs.) with 6-cell battery pack
Power[1]	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes
	48.8 W 4400 mAh 6-cell Li-ion battery pack:
	• 3.0-hour battery life[15]

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	2.5-hour rapid charge system-off, 3.5-hour charge-in-use
	3-pin 65 W AC adapter
	ENERGY STAR® 4.0
Special keys and controls[1]	88-/89-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel
	Touchpad pointing device with Acer Bio-Protection fingerprint reader, featuring Acer FingerNav 4-way control function[1]
	12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent Euro and US dollar sign keys
	Empowering Key
	Media keys (printed on keyboard): play/pause, stop, previous, next
	Volume wheel
	Easy-launch buttons: WLAN, Internet, email, Bluetooth®, Acer Arcade™
I/O ports	Acer EasyPort IV connector
	ExpressCard™/54 slot
	5-in-1 card reader (SD™, MMC, MS, MS PRO, xD)
	Three USB 2.0 ports
	External display (VGA) port
	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

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Software	Acer Empowering Technology (Acer eAudio, ePower, eDataSecurity[1], eRecovery, eSettings Management)
	Acer Arcade™ Deluxe[1] featuring DV Wizard, VideoMagician, DVDivine, HomeMedia
	Acer InstantOn Arcade
	Acer Crystal Eye[1]
	Acer GridVista™
	Acer Launch Manager
	Acer GameZone[1]
	Acer Video Conference Manager[1]
	Acer Video Conference Manager, featuring Video Quality Enhancement (VQE)[1, 13]
	Adobe® Reader®
	CyberLink® PowerDirector® trial version
	McAfee® Internet Security Suite
	NTI Media Maker™
	Microsoft® Works 8.5 with Office Home and Student 2007 Trial
Optional items	Acer EasyPort IV
	Acer Xpress VoIP phone featuring Acer Video Conference Manager
	Acer Media Center remote control
	512 MB/1 GB/2 GB DDR2 667 MHz soDIMM module
	6-cell Li-ion battery pack
	3-pin 65 W AC adapter
	External USB floppy disk drive
Warranty	One-year International Travelers Warranty (ITW)

Acer recommends Windows Vista® Home Premium.

1. Specifications vary depending on model.

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™ 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. Powered by CyberLink® technology.

9. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Home Theater® is a trademark of Dolby® Laboratories.

10. Dolby Pro Logic® and the double-D symbol are registered trademarks of Dolby® Laboratories.

11. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming).

12. 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.

13. Two VQE-enabled Acer notebooks with dual-core processors are required to enjoy the exclusive benefits and added performance of VQE.

14. 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.

15. 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.

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

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

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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 for more information.

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