



Aspire 8730ZG Specifications	
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® Pentium® dual-core mobile processor T3200/T3400 (1 MB L2 cache, 2/2.16 GHz, 667 MHz FSB, 35 W), supporting Intel® 64 architecture Mobile Intel® PM45 Express Chipset Acer InviLink™ Nplify™ ^{2, 3} 802.11b/g/Draft-N Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology Acer InviLink™ ³ 802.11b/g Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology
System memory ^{1, 4, 5}	Dual-channel DDR2 SDRAM support Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules ⁶
Display ¹	18.4" Full HD 1920 x 1080 pixel resolution, high-brightness (250-nit), Acer CineCrystal™ TFT LCD, two lamps, supporting simultaneous multi-window viewing via Acer GridVista™ 16:9 aspect ratio 8 ms high-def response time 60% color gamut 18.4" HD+ 1680 x 945 pixel resolution, high-brightness (220-nit) Acer CineCrystal™ TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™ 16:9 aspect ratio 8 ms high-def response time 60% color gamut
TV-tuner 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

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	SignalUp™ technology
Graphics ¹	<p>NVIDIA® GeForce® 9600M GT with up to 2815⁷ MB of TurboCache™ (1024 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 2303⁷ 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>Dual independent display support</p> <p>16.7 million colors</p> <p>External resolution/refresh rate:</p> <ul style="list-style-type: none"> • 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 <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™ technologies⁸</p>
Audio	Dolby® ⁹ -optimized surround sound system with two built-in stereo speakers and one subwoofer supporting

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	<p>low-frequency effects</p> <p>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 technologies¹⁰</p> <p>True5.1-channel surround sound output</p> <p>High-definition audio support</p> <p>S/PDIF (Sony/Philips Digital Interface)¹¹ support for digital speakers</p> <p>MS-Sound compatible</p> <p>Built-in microphone</p>
Storage	<p>One or two 120/160/250/320 GB or larger hard disk drives^{1, 12}</p> <p>6-in-1 card reader, supporting Secure Digital[™] (SD), MultiMediaCard (MMC), MultiMediaCard Plus (MMC<i>plus</i>[™]), Memory Stick[®] (MS), Memory Stick PRO[™] (MS PRO), xD-Picture Card[™] (xD)</p>
Optical media drive ¹	<p>2X Blu-ray Disc[™]/DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> • Read: 24X CD-ROM, 24X CD-R, 24X/16X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X/4X DVD-ROM DL (double-layer), 6X/4X DVD-R DL (double-layer), 6X/4X DVD+R DL (double-layer), 6X/4X DVD-RW, 6X/4X DVD+RW, 5X DVD-RAM, 2X BD-ROM, 2X BD-R, 2X BD-RE, 2X BD-ROM DL (double-layer), 2X/1.6X BD-R DL (double-layer), 2X BD-RE DL (double-layer) • Write: 16X/8X CD-R, 10X/4X CD-RW, 8X DVD-R, 8X DVD+R, 4X DVD-RW, 4X DVD+RW, 5X DVD-RAM, 4X/2.4X DVD+R DL (double-layer), 4X/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	<p>Acer Video Conference, featuring:</p> <ul style="list-style-type: none"> • Integrated Acer Crystal Eye webcam, supporting enhanced Acer PrimaLite[™] technology

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	<ul style="list-style-type: none"> Optional Acer Xpress VoIP phone WLAN ^{1, 3} : Acer InviLink™ Nplify™ ² 802.11b/g/Draft-N Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology WLAN ^{1, 3} : 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 ¹³ , Wake-on-Ring ready
Privacy control	Acer Bio-Protection fingerprint solution ¹ , featuring Windows® logon, computer protection, Acer FingerLaunch, ProfileLaunch, MusicLaunch, Password Bank, MyLaunch, FingerNav BIOS user, supervisor, HDD passwords Kensington lock slot
Dimensions and weight ¹	440.5 (W) x 298.5 (D) x 40.2/44.2 (H) mm (17.3 x 11.7 x 1.6/1.7 inches) 4.1 kg (9.04 lbs.) with two HDDs and 8-cell battery pack
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: <ul style="list-style-type: none"> 2.5-hour battery life¹⁴ Acer QuicCharge™ technology: <ul style="list-style-type: none"> 80% charge in 1 hour 2-hour rapid charge system-off 3-hour charge-in-use 3-pin 90 W AC adapter ENERGY STAR® 4.0
Special keys and controls	105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel Touchpad pointing device with Acer Bio-Protection fingerprint reader ¹ , featuring Acer FingerNav 4-way control function ¹ 12 function keys, four cursor keys, two Windows® keys, hotkey controls, standard numeric keypad, international language support, independent US and Euro dollar sign keys Empowering Key

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	<p>Easy-launch buttons: WLAN, Bluetooth[®], email, Internet</p> <p>Acer MediaTouch capacitive human interface device, including:</p> <ul style="list-style-type: none"> • Acer Arcade[™] • Volume meter (volume up/down) • Media control (play/pause, stop, previous, next) • Mute and hold keys <p>Acer Media Center remote control (optional)</p>
I/O ports	<p>ExpressCard[™]/54 slot</p> <p>6-in-1 card reader (SD[™], MMC, MMC<i>plus</i>[™], MS, MS PRO, xD)</p> <p>Four USB 2.0 ports</p> <p>HDMI[™] port with HDCP support</p> <p>Consumer infrared (CIR) port</p> <p>External display (VGA) port</p> <p>RF-in jack (optional)</p> <p>Headphone/speaker/line-out jack with S/PDIF support</p> <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, eDataSecurity¹, eRecovery, eSettings Management)</p> <p>Acer Arcade[™] Deluxe¹ featuring Cinema, Album, Music, HomeMedia</p> <p>Acer InstantOn Arcade</p> <p>Acer Bio-Protection¹</p> <p>Acer Crystal Eye¹</p> <p>Acer GridVista[™]</p> <p>Acer Launch Manager</p> <p>Acer GameZone¹</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</p>

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	Trial
Optional items	Acer Xpress VoIP phone and Acer Video Conference Manager pack Acer Media Center remote control 1 GB/2 GB 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)
<p>Acer recommends Windows Vista® Home Premium.</p> <ol style="list-style-type: none"> Specifications vary depending on model. 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. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings. Up to 1 GB of available system memory may be allocated for system resource requirements. 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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory. 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. Powered by CyberLink® technology. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Home Theater® is a trademark of Dolby® Laboratories. Dolby Pro Logic® and the double-D symbol are registered trademarks of Dolby® Laboratories. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming). 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. 	

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13. 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.
14. 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.

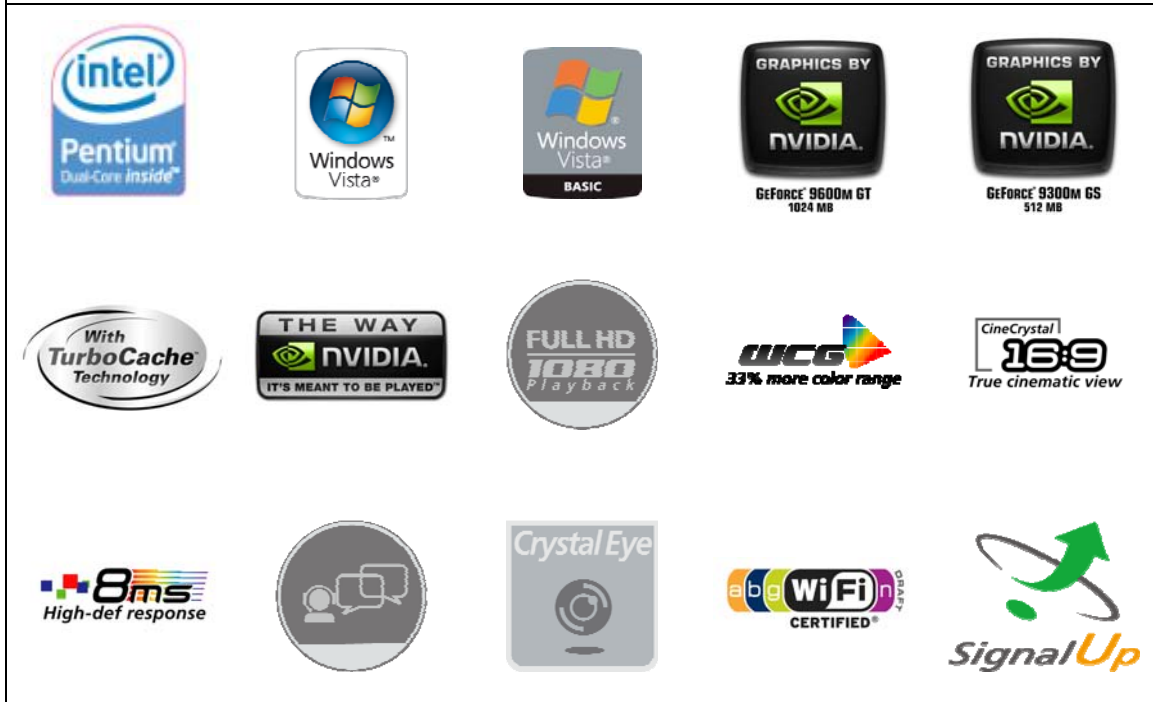
In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.

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.

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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 for more information.



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