



Aspire 8735ZG Specifications (v4-1-3)	
Operating system¹	Genuine Windows® 7 Home Premium 64-bit ² Genuine Windows® 7 Home Basic 64-bit ²
CPU/chipset¹	Intel® Pentium® processor T4200/T4300/T4400 (1 MB L2 cache, 2/2.10/2.20 GHz, 800 MHz FSB, 35 W), supporting Intel® 64 architecture Mobile Intel® GM45 Express Chipset
System memory^{1, 3, 4}	Dual-channel DDR3 SDRAM support <ul style="list-style-type: none"> Up to 4 GB of DDR3 1066 MHz memory, upgradeable to 8 GB using two soDIMM modules (for 64-bit OS) Up to 2 GB of DDR3 1066 MHz memory, upgradeable to 4 GB using two soDIMM modules (for 32-bit OS)
Display¹	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™ 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-tuner¹	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 connector: <ul style="list-style-type: none"> PAL/SECAM-to-RF connector NTSC-to-PAL/SECAM connector DVB-T antenna (UHF/VHF reception) Remote control

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Graphics¹

NVIDIA® GeForce® G210M with up to 2303⁵ MB of TurboCache™ (512 MB of dedicated DDR3 VRAM, up to 1791 MB of shared system memory), supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10.1

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
- 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

HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support

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Audio	<p>Dolby®-optimized surround sound system with two built-in stereo speakers and one subwoofer supporting low-frequency effects</p> <p>Optimized 3rd Generation Dolby Home Theater® audio enhancement, featuring Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass, Dolby® Sound Space Expander, Dolby® Audio Optimization, Dolby® High Frequency Enhancer technologies⁷</p> <p>True5.1-channel surround sound output</p> <p>High-definition audio support</p> <p>S/PDIF (Sony/Philips Digital Interface)⁸ support for digital speakers</p> <p>MS-Sound compatible</p> <p>Built-in microphone</p>
Storage	<p>One or two 120/160/250/320/500 GB or larger hard disk drives^{1, 9}</p> <p>Multi-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), MultiMediaCard Plus (MMCplus™), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)</p>
Optical media drive	<p>4X Blu-ray Disc™/DVD-Super Multi double-layer combo 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, 8X DVD-ROM DL (double-layer), 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM, 4X BD-ROM, 4X BD-R, 2X BD-RE, 4X BD-ROM DL (double-layer), 4X BD-R DL (double-layer), 2X BD-RE DL (double-layer) • Write: 24X CD-R, 16X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-RW, 6X DVD+RW, 5X DVD-RAM, 4X DVD+R DL (double-layer), 4X 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

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	DVD-RAM
Communication	<p>Acer Video Conference¹, featuring:</p> <ul style="list-style-type: none"> Integrated Acer Crystal Eye webcam, featuring 640 x 480 resolution, supporting enhanced Acer PrimaLite™ technology <p>Acer InViLink™ Nplify™^{10, 11}, 802.11b/g/Draft-N Wi-Fi CERTIFIED™ network connection, supporting Acer SignalUp™ wireless technology</p> <p>Acer InViLink™¹¹ 802.11b/g Wi-Fi CERTIFIED™ network connection, supporting Acer SignalUp™ wireless technology</p> <p>WPAN¹: Bluetooth® 2.1+EDR (Enhanced Data Rate)</p> <p>LAN: Gigabit Ethernet, Wake-on-LAN ready</p> <p>Modem: 56K ITU V.92 with PTT approval¹², Wake-on-Ring ready</p>
Privacy control	<p>Acer Bio-Protection fingerprint solution¹, featuring Windows® logon, computer protection, Acer FingerLaunch, ProfileLaunch, MusicLaunch, Password Bank, MyLaunch, FingerNav</p> <p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Dimensions and weight¹	<p>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)</p> <p>4.1 kg (9.04 lbs.) with two HDDs and 8-cell battery pack¹³</p>
Power¹	<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"> 2.5-hour battery life¹⁴ <p>Acer QuicCharge™ technology:</p> <ul style="list-style-type: none"> 80% charge in 1 hour 2-hour rapid charge system-off 3-hour charge-in-use <p>3-pin 90 W AC adapter</p> <p>ENERGY STAR®</p>
Special keys and controls	<p>105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel</p> <p>Multi-gesture touchpad, supporting two-finger scroll, pinch, rotate, flip</p> <p>Acer Bio-Protection fingerprint reader¹, featuring Acer FingerNav 4-way control function</p>

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	<p>12 function keys, four cursor keys, two Windows® keys, hotkey controls, standard numeric keypad, international language support, independent US and Euro dollar sign keys</p> <p>Easy-launch buttons: Acer Backup, WLAN, Bluetooth®, programmable, touchpad lock</p> <p>Acer MediaTouch capacitive human interface device, including:</p> <ul style="list-style-type: none"> • Acer Arcade™ Deluxe • Volume meter (volume up/down) • Media control (play/pause, stop, previous, next) • Mute and hold keys
I/O ports	<p>Multi-in-1 card reader (SD™, MMC, MMCplus™, 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 jack¹</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 Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technologies¹</p> <p>Acer Backup Manager¹</p> <p>Acer Bio-Protection¹</p> <p>Acer Crystal Eye</p> <p>Acer GridVista™</p> <p>Acer Launch Manager</p> <p>Acer Recovery Management</p> <p>Adobe® Flash® Player</p> <p>Adobe® Reader®</p> <p>EarthLink®¹</p> <p>eSobi™</p>

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	Google Toolbar™ McAfee® Internet Security Suite Trial (60 days) Microsoft® Works with Office Home and Student 2007 Trial MyWinLocker® NetZero® Internet ¹ Norton Online Backup NTI Media Maker™ Oberon GameZone ¹ Wild Tangent ¹
Optional items	Acer Media Center remote control 1 GB / 2 GB / 4 GB DDR3 1066 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>Windows®. Life without Walls™. Acer recommends Windows 7.</p> <ol style="list-style-type: none"> 1. Specifications vary depending on model. 2. 64-bit software is required to enjoy the advantages of 64-bit processing. 3. Up to 1 GB of available system memory may be allocated for system resource requirements. 4. 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. 5. 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. 6. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Home Theater® is a trademark of Dolby® Laboratories. 7. Dolby® Pro Logic® and the double-D symbol are registered trademarks of Dolby® Laboratories. 8. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming). 9. 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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10. Acer InViLink™ 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.
11. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
12. 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.
13. Weight varies depending on product configuration.
14. Your computer's battery life may vary depending on product specifications, computer settings, and applications or features launched. The listed battery life is for individual battery packs tested with MobileMark 2007 in productivity test mode and with wireless connection on. All batteries' maximum capacity will diminish 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. The Acer Group employs more than 6,000 people worldwide. 2008 revenues reached US\$16.65 billion. See www.acer.com for more information.



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