



Aspire 5738ZG Specifications (v14-1-2)	
Operating system¹	Genuine Windows® 7 Home Premium 64-bit ² Genuine Windows® 7 Home Basic 64-bit ²
Platform¹	Intel® Pentium® processor T4200/T4300/T4400 (1 MB L2 cache, 2/2.10/2.2 GHz, 800 MHz FSB, 35 W), or T3200/T3400 (1 MB L2 cache, 2/2.16 GHz, 667 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 2 GB of DDR3 1066 MHz memory, upgradeable to 4 GB using two soDIMM modules⁵ Dual-channel DDR2 SDRAM support: <ul style="list-style-type: none"> Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules⁵
Display	15.6" HD 1366 x 768 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
Graphics	ATI Mobility Radeon™ HD 4570 with up to 2304 ⁶ MB of HyperMemory™ (512 MB of dedicated DDR3 VRAM, up to 1792 MB of shared system memory), supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.1, Microsoft® DirectX® 10.1 NVIDIA® GeForce® G105M with up to 2303 ⁶ MB of TurboCache™ (512 MB of dedicated DDR2 VRAM, up to 1791 MB of shared system memory), supporting NVIDIA® CUDA™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10 Dual independent display support 16.7 million colors External resolution/refresh rate: <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

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	<ul style="list-style-type: none"> • 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>Audio</p>	<p>Dolby®⁷-optimized surround sound system with two built-in stereo speakers</p> <p>Optimized 3rd Generation Dolby Home Theater®⁷ 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 technologies⁸</p> <p>True5.1-channel surround sound output</p> <p>High-definition audio support</p> <p>S/PDIF (Sony/Philips Digital Interface)⁹ support for digital speakers</p> <p>MS-Sound compatible</p> <p>Built-in microphone</p>
<p>Storage</p>	<p>160/250/320/500 GB or larger hard disk drive^{1, 10}</p> <p>Multi-in-1 card reader, supporting Secure Digital™ (SD) Card, MultiMediaCard (MMC), Memory Stick™ (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)</p>

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Optical media drive	<p>4X Blu-ray Disc™/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, 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 DVD-RAM
Communication	<p>Acer Video Conference¹, featuring:</p> <ul style="list-style-type: none"> • Integrated Acer Crystal Eye webcam, with 640 x 480 resolution, supporting enhanced Acer PrimaLite™ technology <p>WLAN^{1, 11, 12}: Acer InviLink™ Nplify™ 802.11b/g/Draft-N Wi-Fi CERTIFIED™ network connection, supporting Acer SignalUp™ wireless technology</p> <p>WLAN^{1, 11}: Acer InviLink™ 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 approval¹³, 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>

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Dimensions and weight	<p>383 (W) x 250 (D) x 26/37 (H) mm (15.1 x 9.9 x 1.03/1.5 inches)</p> <p>2.8 kg (6.16 lbs.) with 6-cell battery pack</p>
Power	<p>ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes</p> <p>48.8 W 4400 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> • 3.5-hour battery life¹⁴ <p>2.5-hour rapid charge system-off, 3.5-hour charge-in-use</p> <p>3-pin 65 W AC adapter</p> <p>ENERGY STAR®</p>
Special keys and controls	<p>103-/104-/107-key keyboard, with inverted "T" cursor layout, 1.8 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> <p>11 function keys, four cursor keys, two Windows® keys, hotkey controls, independent standard numeric keypad, international language support</p> <p>Programmable key¹</p> <p>Easy-launch keys: Acer Backup, WLAN, Bluetooth®¹, volume up/down, touchpad lock</p> <p>Media keys (printed on keyboard): play/pause, stop, previous, next</p>
I/O ports	<p>Multi-in-1 card reader (SD™, MMC, MS, MS PRO, xD)</p> <p>Four USB 2.0 ports</p> <p>Acer Bio-Protection fingerprint reader¹</p> <p>HDMI™ port with HDCP support</p> <p>External display (VGA) port</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>

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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 Eye¹</p> <p>Acer Recovery Management</p> <p>Acer GridVista™</p> <p>Acer Launch Manager</p> <p>Adobe® Flash® Player</p> <p>Adobe® Reader®</p> <p>EarthLink®¹</p> <p>eSobi™</p> <p>Google Toolbar™</p> <p>Microsoft® Works with Office Home and Student 2007 Trial</p> <p>McAfee® Internet Security Suite 2009 Trial¹⁵</p> <p>MyWinLocker®</p> <p>NetZero® Internet¹</p> <p>Norton™ Online Backup</p> <p>NTI Media Maker™</p> <p>Oberon GameZone¹</p> <p>Wild Tangent¹</p>
Optional items	<p>1 GB / 2 GB DDR3 1066 MHz soDIMM module</p> <p>1 GB / 2 GB DDR2 667 MHz soDIMM module</p> <p>6-cell Li-ion battery pack</p> <p>3-pin 65 W AC adapter</p> <p>External USB floppy disk drive</p>
Warranty	<p>One-year International Travelers Warranty (ITW)</p>
<p>Windows®. Life without Walls™. Acer recommends Windows.</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 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. 	

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5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory.
6. 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.
7. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Home Theater® is a trademark of Dolby® Laboratories.
8. Dolby® Pro Logic® and the double-D symbol are registered trademarks of Dolby® Laboratories.
9. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming).
10. 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.
11. 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.
12. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
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. 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.
15. Trial periods vary depending on the geographic region and specifications: 365-day trial for China, Hong Kong (Simplified Chinese and Traditional Chinese OS models), Taiwan and Singapore; 60-day trial for other regions.

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.

