



Aspire 5738ZG Specifications	
Operating system <sup>1</sup>	<p>Genuine Windows Vista® Home Premium 64-bit (Service Pack 1)<sup>2</sup></p> <p>Genuine Windows Vista® Home Premium (Service Pack 1)</p> <p>Genuine Windows Vista® Home Basic 64-bit (Service Pack 1)<sup>2</sup></p> <p>Genuine Windows Vista® Home Basic (Service Pack 1)</p>
Platform <sup>1</sup>	<p><b>Intel® Pentium®</b> mobile processor <b>T4200</b> (1 MB L2 cache, 2 GHz, 800 MHz FSB, 35 W), or <b>T3200/T3400</b> (1 MB L2 cache, 2/2.16 GHz GHz, 667 MHz FSB, 35 W), supporting Intel® 64 architecture</p> <p>Mobile Intel® GM45 Express Chipset</p> <p>Acer InviLink™ Nplify™<sup>3, 4</sup> 802.11b/g/Draft-N Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology</p> <p>Acer InviLink™<sup>4</sup> 802.11b/g Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology</p>
System memory <sup>1, 5, 6</sup>	<p>Dual-channel DDR3 SDRAM support</p> <p>Up to 4 GB of DDR3 1066 MHz memory, upgradeable to 8 GB using two soDIMM modules (for 64-bit OS)</p> <p>Up to 2 GB of DDR3 1066 MHz memory, upgradeable to 4 GB using two soDIMM modules (for 32-bit OS)</p>
Display	<p>15.6" HD 1366 x 768 pixel resolution, high-brightness (220-nit) Acer CineCrystal™ TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™</p> <p>16:9 aspect ratio</p> <p>8 ms high-def response time</p> <p>60% color gamut</p>
Graphics	<p>NVIDIA® GeForce® G105M with up to 2303<sup>7</sup> MB of TurboCache™ (512 MB of dedicated DDR2 VRAM, up to 1791 MB of shared system memory), supporting NVIDIA® <b>CUDA™</b>, 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"> <li>• 2048 x 1536: 75/60 Hz</li> </ul>

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	<ul style="list-style-type: none"> <li>• 1920 x 1440: 85/75/60 Hz</li> <li>• 1920 x 1200: 75/60 Hz</li> <li>• 1920 x 1080: 100/85/75/60 Hz</li> <li>• 1680 x 945: 100/85/75/60 Hz</li> <li>• 1600 x 1200: 120/100/85/75/60 Hz</li> <li>• 1600 x 900: 120/100/85/75/60 Hz</li> <li>• 1400 x 1050: 85/75/60 Hz</li> <li>• 1366 x 768: 85/75/60 Hz</li> <li>• 1280 x 1024: 120/100/85/75/60 Hz</li> <li>• 1280 x 960: 85/75/60 Hz</li> <li>• 1280 x 768: 85/75/60 Hz</li> <li>• 1280 x 720: 100/85/75/60 Hz</li> <li>• 1024 x 768: 120/100/85/75/60 Hz</li> <li>• 800 x 600: 120/100/85/72/60 Hz</li> </ul> <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™ technologies<sup>8</sup></p>
Audio	<p>Dolby<sup>®9</sup>-optimized surround sound system with two built-in stereo speakers</p> <p>Optimized 3<sup>rd</sup> Generation Dolby Home Theater<sup>®9</sup> audio enhancement, featuring Dolby<sup>®</sup> Digital Live, Dolby Pro Logic<sup>®</sup> IIx, Dolby<sup>®</sup> Headphone, Dolby<sup>®</sup> Natural Bass, Dolby<sup>®</sup> Sound Space Expander, Dolby<sup>®</sup> Inverse Filtering, Dolby<sup>®</sup> High Frequency Enhancer technologies<sup>10</sup></p> <p>True5.1-channel surround sound output</p> <p>High-definition audio support</p> <p>S/PDIF (Sony/Philips Digital Interface)<sup>11</sup> support for digital speakers</p> <p>MS-Sound compatible</p> <p>Built-in microphone</p>
Storage	<p>160/250/320/500 GB or larger hard disk drive<sup>1, 12</sup></p> <p>5-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"> <li>• 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)</li> <li>• 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)</li> </ul> <p>8X DVD-Super Multi double-layer drive:</p> <ul style="list-style-type: none"> <li>• 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</li> <li>• 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</li> </ul>
Communication	<p>Acer Video Conference<sup>1</sup>, featuring:</p> <ul style="list-style-type: none"> <li>• Integrated Acer Crystal Eye webcam supporting enhanced Acer PrimaLite™ technology</li> <li>• Optional Acer Xpress VoIP phone</li> </ul> <p>WLAN<sup>1, 4</sup>: Acer InviLink™ Nplify™<sup>3</sup> 802.11b/g/Draft-N Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology</p> <p>WLAN<sup>1, 4</sup>: Acer InviLink™ 802.11b/g Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology</p> <p>WPAN<sup>1</sup>: Bluetooth® 2.0+EDR (Enhanced Data Rate)</p> <p>LAN: Gigabit Ethernet, Wake-on-LAN ready</p> <p>Modem: 56K ITU V.92 with PTT approval<sup>13</sup>, Wake-on-Ring ready</p>
Privacy control	<p>Acer Bio-Protection fingerprint solution<sup>1</sup>, 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"> <li>• 3-hour battery life<sup>14</sup></li> </ul> <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® 5.0</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 pointing device, supporting:</p> <ul style="list-style-type: none"> <li>• Circular-motion scrolling</li> <li>• Pinch-action zoom</li> <li>• Page flip</li> </ul> <p>Acer Bio-Protection fingerprint reader<sup>1</sup>, 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>Easy-launch buttons: WLAN, Bluetooth®<sup>1</sup>, Acer PowerSmart, file backup, volume up/down, touchpad lock</p> <p>Media keys (printed on keyboard): play/pause, stop, previous, next</p>
I/O ports	<p>5-in-1 card reader (SD™, MMC, MS, MS PRO, xD)</p> <p>Four USB 2.0 ports</p> <p>Acer Bio-Protection fingerprint reader<sup>1</sup></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 Cinema, Album, Music, Acer HomeMedia, Online Media</p> <p>Acer Bio-Protection<sup>1</sup></p> <p>Acer Crystal Eye<sup>1</sup></p> <p>Acer eRecovery Management</p> <p>Acer GridVista™</p> <p>Acer GameZone</p> <p>Acer Game Console</p> <p>Adobe® Reader®</p> <p>Adobe Flash® Player</p> <p>Google Toolbar™</p> <p>Google Desktop™</p> <p>McAfee® Internet Security Suite</p> <p>NTI Media Maker™</p> <p>Microsoft® Works with Office Home and Student 2007 Trial (Service Pack 1)</p>
Optional items	<p>Acer Xpress VoIP phone and Acer Video Conference Manager pack</p> <p>1 GB / 2 GB DDR3 1066 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	One-year International Travelers Warranty (ITW)
<p>Acer recommends Windows Vista® Home Premium.</p> <ol style="list-style-type: none"> <li>1. Specifications vary depending on model.</li> <li>2. 64-bit software is required to enjoy the advantages of 64-bit processing.</li> <li>3. 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.</li> <li>4. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.</li> <li>5. Up to 1 GB of available system memory may be allocated for system resource requirements.</li> <li>6. Shared system memory may be allocated to support integrated graphics, depending on system memory size and other factors. Actual system</li> </ol>	

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- 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. 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.
  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. 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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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](http://www.acer.com) for more information.

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