



Aspire 5538G Specifications (v10-1-1)	
Operating system¹	Genuine Windows® 7 Home Premium 64-bit ² Genuine Windows® 7 Home Basic 64-bit ²
Platform¹	<p>AMD Better By Design program, featuring:</p> <ul style="list-style-type: none"> • AMD Turion™ 64 X2 dual-core processor L510 (1 MB L2 cache, 1.60 GHz, DDR2 800 MHz, 20 W) • AMD Athlon™ 64 X2 dual-core processor L310 (1 MB L2 cache, 1.20 GHz, DDR2 800 MHz, 13 W) • AMD Athlon™ 64 single-core processor TF20 (512 MB L2 Cache, 1.60 GHz , DDR2 667 MHz, 15 W) • AMD M780G Chipset • Acer InViLink™ Nplify™^{3, 4} 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, 5, 6}	<p>Dual-channel DDR2 SDRAM support:</p> <ul style="list-style-type: none"> • Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules⁷
Display	<p>15.6" HD 1366 x 768 pixel resolution, high-brightness (200-nit) Acer CineCrystal™ LED-backlit TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™</p> <p>16:9 aspect ratio</p> <p>Super slim design</p>
Graphics	<p>ATI Mobility Radeon™ HD 4330 with up to 2304⁸ 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</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

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	<ul style="list-style-type: none"> • 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) decoding⁹</p> <p>HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support</p>
Audio	<p>Optimized 2nd Generation Dolby® Sound Room^{®10} audio enhancement, featuring Dolby® Headphone, Dolby® Natural Bass and Dolby® Sound Space Expander</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>160/250/320/500 GB or larger hard disk drive^{1, 12}</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>
Optical media drive¹	<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

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	<ul style="list-style-type: none"> • 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, featuring 640 x 480 resolution, supporting enhanced Acer PrimaLite™ technology • Acer Video Conference Manager software featuring Video Quality Enhancement (VQE) technology, supporting 640 x 480 resolution online video calls <p>WLAN^{1, 4}: Acer InviLink™ Nplify™³ 802.11b/g/Draft-N Wi-Fi CERTIFIED™ network connection, supporting Acer SignalUp™ wireless technology</p> <p>WLAN^{1, 4}: 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>
Privacy control	<p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Dimensions and weight	<p>380 (W) x 259 (D) x 26.4/30.8 (H) mm (14.82 x 10.1 x 1.02/1.2 inches)</p> <p>2.4 kg (5.3 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>48.84 W 4400 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> • 3.5-hour battery life¹³ <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</p> <p>Multi-gesture touchpad pointing device, supporting two-finger scroll, pinch, rotate, flip</p> <p>10 function keys, four cursor keys, two Windows® keys, hotkey controls, independent standard numeric keypad, international language support</p> <p>Easy-launch keys: Acer Backup, WLAN, touchpad</p>

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	lock Media control keys (printed on keyboard): play/pause, stop, previous, next
I/O ports	Multi-in-1 card reader (SD™, MMC, MS, MS PRO, xD) Four USB 2.0 ports HDMI™ port with HDCP support External display (VGA) port Headphone/speaker/line-out jack with S/PDIF support Microphone-in jack Ethernet (RJ-45) port DC-in jack for AC adapter
Software	Acer Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technologies Acer Backup Manager Acer Crystal Eye ¹ Acer eRecovery Management Acer GridVista™ Acer Video Conference Manager Adobe® Reader® Adobe® Flash® Player eSobi Google Toolbar™ McAfee® Internet Security Suite Trial ¹⁴ Microsoft® Works with Office Home and Student 2007 Trial MyWinLocker NTI Media Maker™ Norton On-Line Backup Oberon GameZone Wild Tangent®
Optional items	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 External USB 56K modem
Warranty	One-year International Travelers Warranty (ITW)
Windows® Life without Walls™. Acer recommends Windows 7.	

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1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
3. 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.
4. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
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. 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.
9. The minimum processor requirement for 720P WMV playback is single-core 1.60 GHz or equivalent
10. Dolby® is a registered trademark 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. 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.
14. 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.

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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.

