



Aspire 5810T 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>Intel® Centrino® mobile processor technology, featuring:</p> <ul style="list-style-type: none"> <li>• Intel® Core™2 Duo processor <b>SU9400/SU9600</b> (3 MB L2 cache, 1.40/1.60 GHz, 800 MHz FSB, 10 W) , supporting Intel® 64 architecture</li> <li>• Intel® Core™2 Solo processor <b>SU3300/SU3500</b> (3 MB L2 cache, 1.20/1.40 GHz, 800 MHz FSB, 5.50 W), supporting Intel® 64 architecture</li> <li>• Mobile Intel® GS45 Express Chipset</li> <li>• Intel® Wireless WiFi Link 5100 (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology, supporting Acer SignalUp™ with Nplify™<sup>3, 4</sup> wireless technology</li> <li>• Intel® Wireless WiFi Link 5150 Wi-Fi®/WiMAX™ dual-mode module<sup>5</sup>, supporting Acer SignalUp™ with Nplify™<sup>3, 4</sup> wireless technology <ul style="list-style-type: none"> <li>o Wi-Fi® (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology</li> </ul> </li> <li>• WiMAX™ (single-band 802.16e/2.5G ) WiMAX Forum Certified™ WAN (Wide Area Network) connection<sup>5</sup>, featuring Mobile WiMAX™ and MIMO technology</li> </ul>
System memory <sup>1, 6, 7</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 (200-nit) Acer CineCrystal™ LED-backlit TFT LCD, supporting simultaneous multi-window viewing via Acer GridVista™</p> <p>16:9 aspect ratio</p>

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	Super slim design
Graphics	<p>Mobile Intel® GS45 Express Chipset with integrated 3D graphics, featuring Intel® Graphics Media Accelerator 4500MHD (Intel® GMA 4500MHD) with up to 1759 MB of Intel® Dynamic Video Memory Technology 5.0 (64 MB of dedicated video memory, up to 1695 MB of shared system memory), supporting 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: 60 Hz</li> <li>• 1920 x 1440: 75/60 Hz</li> <li>• 1920 x 1080: 100/85/75/60 Hz</li> <li>• 1856 x 1392: 75/60 Hz</li> <li>• 1792 x 1344: 75/60 Hz</li> <li>• 1600 x 1200: 100/85/75/60 Hz</li> <li>• 1600 x 900: 60 Hz</li> <li>• 1400 x 1050: 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: 85/60 Hz</li> <li>• 1280 x 768: 60 Hz</li> <li>• 1152 x 864: 100/85/75 Hz</li> <li>• 1024 x 768: 120/100/85/75/60 Hz</li> <li>• 800 x 600: 120/100/85/72/60 Hz</li> <li>• 640 x 480: 120/100/85/75/60 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>Optimized 2<sup>nd</sup> Generation Dolby Sound Room<sup>®9</sup> 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)<sup>10</sup> support for digital</p>

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	<p>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>11</sup> or 64/80 GB SSD drive<sup>1</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>
Optical media drive <sup>1</sup>	<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> </ul> <p>WLAN<sup>1, 4</sup>: Intel® Wireless WiFi Link 5100 (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology, supporting Acer SignalUp™ with Nplify™<sup>3</sup> wireless technology</p> <p>Wi-Fi®/WiMAX™<sup>1, 4</sup>: Intel® Wireless WiFi Link 5150 Wi-Fi®/WiMAX™ dual-mode module<sup>5</sup>, supporting Acer SignalUp™ with Nplify™<sup>3</sup> wireless technology</p> <ul style="list-style-type: none"> <li>• Wi-Fi®: (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology</li> <li>• WiMAX™: (single-band 802.16e/2.5G ) WiMAX Forum Certified™ WAN (Wide Area Network) connection<sup>4</sup>, featuring Mobile WiMAX™ and MIMO technology</li> </ul> <p>WPAN<sup>1</sup>: Bluetooth® 2.0+EDR (Enhanced Data Rate)</p> <p>WWAN<sup>1</sup>:</p> <p><b>GTM382E module:</b> UMTS/HSPA at 900 MHz/2100 MHz and quad-band GSM/GPRS/EDGE (850/900/1800/1900 MHz) upgradeable to 7.2 Mbps HSDPA and 5.7 Mbps HSUPA (for 3G models)</p> <p><b>Gobi2000 module:</b> UMTS/HSPA at 850 MHz/900 MHz/ 1900 MHz/2100 MHz and quad-band GSM/GPRS/EDGE</p>

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	<p>(850/900/1800/1900 MHz) upgradeable to 7.2 Mbps HSDPA and 5.7 Mbps HSUPA</p> <p>Optional support for receiver diversity and equalizing on 2100 MHz</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>378 (W) x 259 (D) x 24.8/29.7 (H) mm</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>62.16 W 5600 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> <li>• 9-hour battery life<sup>12, 13</sup></li> </ul> <p>62.64 W 5800 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> <li>• 9.1-hour battery life<sup>12, 13</sup></li> </ul> <p>3-pin 65 W Acer PowerSmart AC adapter</p> <p>ENERGY STAR® 5.0</p>
Special keys and controls	<p>103-/104-/107-key keyboard, with inverted "T" cursor layout</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>10 function keys, four cursor keys, two Windows® keys, hotkey controls, independent standard numeric keypad, international language support</p> <p>Acer PowerSmart key</p> <p>Easy-launch keys: Communication®, Acer Backup key, touchpad lock</p> <p>Media control 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>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>

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	Ethernet (RJ-45) port DC-in jack for AC adapter
Software	Acer Arcade™ Deluxe featuring Cinema, Album, Music, Acer HomeMedia Acer Crystal Eye <sup>1</sup> Acer GridVista™ Acer GameZone Acer Game Console Acer Backup Manager Acer PowerSmart Manager Acer Recovery Management Adobe® Reader® Adobe Flash Player Google Toolbar Google Desktop CyberLink® PowerDirector® trial version McAfee® Internet Security Suite NTI Media Maker™ Microsoft® Works 9.0 with Office Home and Student 2007 SP1 Trial Acer 3G Connection Manager (for 3G SKU only)
Optional items	1 GB / 2 GB DDR3 1066 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)
<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 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</li> </ol>	

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- construction and access point settings.
5. Subject to availability.
  6. Up to 1 GB of available system memory may be allocated for system resource requirements.
  7. 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.
  8. Powered by CyberLink® technology.
  9. Dolby® is a registered trademark of Dolby® Laboratories.
  10. Supports 7.1-channel surround sound and 2-channel stereo output (multiple streaming).
  11. 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.
  12. 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.
  13. Battery life times with the Acer PowerSmart manager enabled.

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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