



Aspire 7730G Quick Spec	
Operating system¹	Genuine Windows Vista® Home Premium (Service Pack 1)
Platform¹	<p>Intel® Centrino® 2 processor technology, featuring:</p> <ul style="list-style-type: none"> • Intel® Core™2 Duo processor T9400/P9500 (6 MB L2 cache, 2.53 GHz, 1066 MHz FSB, 35 W/25 W), T9600 (6 MB L2 cache, 2.80 GHz, 1066 MHz FSB, 35 W) or higher, or P8400/P8600 (3 MB L2 cache, 2.26/2.40 GHz, 1066 MHz FSB, 25 W), supporting Intel® 64 architecture • Mobile Intel® PM45 Express Chipset • Intel® WiFi Link 5100/5300 (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology, supporting Acer SignalUp™ with Nplify™^{2, 3} wireless technology
System memory^{1, 4, 5}	<p>Dual-channel DDR2 SDRAM support</p> <p>Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules⁶</p>
Display	<p>17" WXGA+ high-brightness (220-nit), Acer CrystalBrite™ TFT LCD, high-def 1440 x 900 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™</p> <p>8 ms high-def response time</p>
TV-tuner¹	<p>Acer TV-tuner options:</p> <p>Digital TV-tuner supporting DVB-T (Digital Video Broadcasting-Terrestrial) standard (6 to 8 MHz)</p> <p>TV-tuner I/O:</p> <ul style="list-style-type: none"> • RF-in jack for digital TV antenna cable input <p>TV-tuner cable:</p> <ul style="list-style-type: none"> • PAL cable for digital TV input <p>Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology</p>
Graphics¹	<p>NVIDIA® GeForce® 9600M GT with up to 2303⁷ MB of TurboCache™ (512 MB of dedicated GDDR3 VRAM, up to 1791 MB of shared system memory), supporting NVIDIA® PureVideo™ HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, Microsoft® DirectX® 10</p>

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	<p>NVIDIA® GeForce® 9300M GS with up to 2047⁷ MB of TurboCache™ (256 MB of dedicated DDR2 VRAM, up to 1791 MB of shared system memory), supporting NVIDIA® 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"> • 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 <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™ technologies⁸</p>
Audio	<p>Dolby®⁹-optimized surround sound system with two built-in stereo speakers and one subwoofer supporting low-frequency effects</p> <p>Optimized 2nd Generation Dolby Home Theater®⁹ audio enhancement, featuring Dolby® Digital, Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass, Dolby® Sound Space Expander technologies¹⁰</p>

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	<p>True5.1-channel surround sound output</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>
Storage¹	<p>One or two hard disk drives¹²</p> <ul style="list-style-type: none"> • Main HDD: 120 - 500 GB • 2nd HDD: 120 - 320 GB <p>Intel® Turbo Memory 2 GB supported¹</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 drive¹	<p>2X 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/16X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X/4X DVD-ROM DL (double-layer), 6X/4X DVD-R DL (double-layer), 6X/4X DVD+R DL (double-layer), 6X/4X DVD-RW, 6X/4X DVD+RW, 5X DVD-RAM, 2X BD-ROM, 2X BD-R, 2X BD-RE, 2X BD-ROM DL (double-layer), 2X/1.6X BD-R DL (double-layer), 2X BD-RE DL (double-layer) • Write: 16X/8X CD-R, 10X/4X CD-RW, 8X DVD-R, 8X DVD+R, 4X DVD-RW, 4X DVD+RW, 5X DVD-RAM, 4X/2.4X DVD+R DL (double-layer), 4X/2X 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
Communication¹	<p>Acer Video Conference, featuring:</p> <ul style="list-style-type: none"> • Integrated Acer Crystal Eye webcam, supporting enhanced Acer PrimaLite™ technology¹

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	<ul style="list-style-type: none"> Optional Acer Xpress VoIP phone <p>WLAN³: Intel® Wireless WiFi Link 5100/5300 (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology, supporting Acer SignalUp™ with Nplify™² wireless technology</p> <p>WPAN: Bluetooth® 2.0+EDR (Enhanced Data Rate)</p> <p>LAN: Gigabit Ethernet supporting ASF (Alert Standard Format) 2.0, Wake-on-LAN ready</p> <p>Modem: 56K ITU V.92 with PTT approval¹³, Wake-on-Ring ready</p>
Privacy control¹	<p>Acer Bio-Protection fingerprint solution, featuring Windows® logon, computer protection, Acer FingerLaunch, ProfileLaunch, MusicLaunch, Password Bank, MyLaunch, Acer FingerNav</p> <p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Dimensions and weight¹	<p>402 (W) x 297 (D) x 41/43.9 (H) mm (15.83 x 11.69 x 1.61/1.73 inches)</p> <p>3.90 kg (8.59 lbs.) with two HDDs and 8-cell battery pack</p> <p>3.80 kg (8.37 lbs.) with one HDD and 6-cell battery pack</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"> 3.5-hour battery life¹⁴ <p>48.8 W 4400 mAh 6-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® 4.0</p>
Special keys and controls¹	<p>105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel</p> <p>Touchpad pointing device with Acer Bio-Protection fingerprint reader¹, featuring Acer FingerNav 4-way control function</p> <p>12 function keys, four cursor keys, two Windows®</p>

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	<p>keys, hotkey controls, embedded numeric keypad, international language support, independent US dollar and Euro symbol keys</p> <p>Empowering Key</p> <p>Easy-launch buttons: WLAN, Bluetooth®, email, Internet, Acer Arcade™</p> <p>Media keys (printed on keyboard): play/pause, stop, previous, next</p> <p>Volume wheel</p> <p>Acer Media Center remote control</p>
I/O ports¹	<p>Acer EasyPort IV connector</p> <p>ExpressCard™/54 slot</p> <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>Consumer infrared (CIR) port</p> <p>External display (VGA) port</p> <p>RF-in jack</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 Empowering Technology (Acer eAudio, ePower, eDataSecurity¹, eRecovery, eSettings Management)</p> <p>Acer Arcade™ Deluxe¹ featuring Cinema, Album, Music, Acer HomeMedia</p> <p>Acer Bio-Protection¹</p> <p>Acer Crystal Eye¹</p> <p>Acer GridVista™</p> <p>Acer Launch Manager</p> <p>Acer GameZone¹</p> <p>Adobe® Reader®</p> <p>CyberLink® PowerDirector® trial version</p> <p>McAfee® Internet Security Suite</p> <p>NTI Media Maker™</p> <p>Microsoft® Works 8.5 with Office Home and Student</p>

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	2007 Trial ¹
Optional items¹	Acer EasyPort IV Acer Xpress VoIP phone and Acer Video Conference Manager pack Acer Media Center remote control 512 MB/1 GB/2 GB DDR2 667 MHz soDIMM module 8-cell Li-ion battery pack 3-pin 90 W AC adapter External USB floppy disk drive
<p>Acer recommends Windows Vista® Business.</p> <ol style="list-style-type: none"> 1. Specifications vary depending on model. 2. 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. 3. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings. 4. Up to 1 GB of available system memory may be allocated for system resource requirements. 5. 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. 6. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory. 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 	

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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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