Aspire 7740G Specifications (v2-2-1)	
Operating system[1]	Genuine Windows® 7 Home Premium 64-bit[2]
	Genuine Windows® 7 Home Basic 64-bit[2]
CPU/chipset[1]	**Intel® Core i7-820QM** processor (8 MB L3 cache 1.73 GHz, up to 3.06 GHz, DDR3 1333 MHz, 45 W), **i7-720QM** processor (6 MB L3 cache 1.60 GHz, up to 2.80 GHz, DDR3 1333 MHz, 45 W), **i7-620M** processor (4 MB L3 cache, 2.66 GHz, up to 3.33 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache, Intel® Turbo Boost Technology
	Intel® Core i5-540M processor, (3 MB L3 cache, 2.53 GHz, up to 3.06 GHz, DDR3 1066 MHz, 35 W), **i5-520M** processor (3 MB L3 cache, 2.40 GHz, up to 2.93 GHz, DDR3 1066 MHz, 35 W), **i5-430M** processor (3 MB L3 cache, 2.26 GHz, up to 2.53 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache, Intel® Turbo Boost Technology
	Intel® Core i3-350M processor (3 MB L3 cache, 2.26 GHz, DDR3 1066 MHz, 35W), **i3-330M** processor (3 MB L3 cache, 2.26 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache, Intel® Turbo Boost Technology
	Mobile Intel® HM55 Express Chipset
System memory[1, 3, 4]	Dual-channel DDR3 SDRAM support: • Up to 4 GB of DDR3 1066 MHz memory, upgradeable to 8 GB using two soDIMM modules[5]
Display	17.3" HD+ 1600 x 900 pixel resolution, high-brightness (220-nit) Acer CineCrystal™ LED-backlit 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 5650 with 1 GB of dedicated DDR3 VRAM, supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11, OpenGL® 3.1, OpenCL™ 1.1
	ATI Mobility Radeon™ HD 5470 with 512 MB of dedicated DDR3 VRAM, supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11, OpenGL® 3.1, OpenCL™ 1.1
	Dual independent display support

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	16.7 million colors
	External resolution/refresh rates[6]:
	• VGA port up to 2048 x 1536: 85 Hz
	• HDMI™ port up to 1920 x 1200: 60 Hz
	MPEG-2/DVD decoding
	VC-1 and H.264 (AVC) decoding
	Microsoft® DirectX® Video Acceleration (DXVA) application interface (API)
	HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
Audio	Dolby®[7]-optimized surround sound system with two built-in stereo speakers
	Optimized 3rd Generation Dolby Home Theater®[7] audio enhancement, featuring Dolby® Digital, Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass, Dolby® Sound Space Expander, Dolby® Audio Optimization, Dolby® High Frequency Enhancer technologies[8]
	True5.1-channel surround sound output
	High-definition audio support
	S/PDIF (Sony/Philips Digital Interface)[9] support for digital speakers
	MS-Sound compatible
	Built-in microphone
Storage	160/250/320/500/640 GB or larger hard disk drive[1, 10]
	Multi-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
Optical media drive[1]	4X Blu-ray Disc™/DVD-Super Multi double-layer drive:
	• Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 8X DVD-ROM DL, 6X DVD-R DL, 6X DVD+R DL, 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM, 4X BD-ROM, 4X BD-R, 2X BD-RE, 4X BD-ROM DL, 4X BD-R DL, 2X BD-RE DL
	• 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, 4X DVD-R DL
	8X DVD-Super Multi double-layer drive:
	• Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X DVD-ROM DL, 6X DVD-R DL, 6X DVD+R DL, 8X DVD-RW, 8X

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	DVD+RW, 5X DVD-RAM • Write: 24X CD-R, 24X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-R DL, 6X DVD+R DL, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Communication	Acer Video Conference[1], featuring: • Acer Crystal Eye webcam, 640 x 480 resolution, supporting enhanced Acer PrimaLite™ technology WLAN[1, 11, 12]: • Intel® Centrino® Advanced-N 6200 a/g/n Wi-Fi CERTIFIED™ with Acer Nplify™ • Intel® Centrino® Wireless-N 1000 b/g/n Wi-Fi CERTIFIED™ Acer Nplify™ • Supporting Acer SignalUp™ wireless technology • Featuring MIMO technology WLAN[1, 11, 12]: • Acer InviLink™ Nplify™ 802.11b/g/n Wi-Fi CERTIFIED™ • Acer InviLink™ 802.11b/g Wi-Fi CERTIFIED™ • Supporting Acer SignalUp™ wireless technology WPAN[1]: Bluetooth® 2.1+EDR LAN: Gigabit Ethernet, Wake-on-LAN ready Modem: 56K ITU V.92 with PTT approval[13], Wake-on-Ring ready
Privacy control	BIOS user, supervisor, HDD passwords Kensington lock slot
Dimensions and weight[1]	411 (W) x 274 (D) x 40/45.0 (H) mm (16.18 x 10.78 x 1.58/1.77 inches) 3.2 kg (7.05 lbs.) with 6-cell battery pack 3.26 kg (7.19 lbs.) with 8-cell battery pack
Power[1]	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes 48.8 W 4400 mAh 6-cell Li-ion battery pack: • 3.5-hour battery life[14] 71 W 4800 mAh 8-cell Li-ion battery pack: • 2.5-hour battery life[14] Acer QuicCharge™ technology: • 80% charge in 1 hour

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	• 2.5-hour rapid charge system-off • 3.5-hour charge-in-use 3-pin 90 W AC adapter[1] ENERGY STAR®
Special keys and controls[1]	103-/104-/107-key keyboard, with inverted "T" cursor layout Multi-gesture touchpad, supporting two-finger scroll, pinch, rotate, flip 10 function keys, four cursor keys, two Windows® keys, hotkey controls, independent standard numeric keypad, international language support Media control keys (printed on keyboard): play/pause, stop, previous, next Easy-launch keys: Acer Backup, WLAN, Bluetooth®, programmable, touchpad lock
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 (S/PDIF) Microphone-in jack Line-in jack Ethernet (RJ-45) port Modem (RJ-11) port DC-in jack for AC adapter
Software	Acer Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technologies[1] Acer Backup Manager[1] Acer Crystal Eye[1] Acer eRecovery Management Acer GridVista™ Acer Launch Manager Adobe® Flash® Player Adobe® Reader® EarthLink®[1] eSobi™ Google Toolbar™ McAfee® Internet Security Suite 2009 Trial[15] Microsoft® Works with Office Home and Student 2007

	Trial
	MyWinLocker®
	NetZero®[1]
	Norton™ Online Backup
	NTI Media Maker™
	Oberon GameZone[1]
	WildTangent®[1]
Optional items	1 GB / 2 GB / 4 GB DDR3 1066 MHz soDIMM module
	8-cell Li-ion battery pack
	3-pin 90 W AC adapter
Warranty	One-year International Travelers Warranty (ITW)

Windows®. Life without Walls™. Acer recommends Windows 7.

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 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.

5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory.

6. Resolution/refresh rates depend on monitor capability and color/depth settings.

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 the operating environment. Acer eRecovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.

11. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.

12. 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/n and 802.11b/g standards.

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.

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.

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