TravelMate 5742G Specifications (v4-1-3)	
Operating system[1]	Genuine Windows® 7 Professional 32-bit
	Genuine Windows® 7 Home Premium 64-bit[2]
	Genuine Windows® 7 Home Basic 64-bit[2]
CPU and chipset[1]	**Intel® Core™ i5-460M/i5-560M/i5-580M** processor (3 MB L3 cache, 2.53/2.67/2.67 GHz with Turbo Boost up to 2.80/3.20/3.33 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
	Intel® Core™ i3-350M/i3-370M/i3-380M processor (3 MB L3 cache, 2.26/2.40/2.53 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
	Mobile Intel® HM55 Express Chipset
Memory[1, 3, 4]	Dual-channel DDR3 SDRAM support:
	• Up to 4 GB of DDR3 system memory, upgradable to 8 GB using two soDIMM modules[5] (for 64-bit OS)
	• Up to 2 GB of DDR3 system memory, upgradable to 4 GB using two soDIMM modules[6] (for 32-bit OS)
Display	15.6" HD 1366 x 768 pixel resolution, high-brightness LED-backlit TFT LCD, supporting simultaneous multi-window viewing
	Glare / anti-glare option
	Mercury free, environment friendly
Graphics[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
	NVIDIA® GeForce® GT 420M with 1024 MB of dedicated DDR3 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11
	Dual independent display support
	16.7 million colors
	External resolution / refresh rates:[7]
	• VGA port up to 2048 x 1536: 85 Hz
	• HDMI™ port up to 1920 x 1080: 60 Hz
	MPEG-2/DVD decoding

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	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	One built-in speaker
	High-definition audio support
	Built-in microphone
	MS-Sound compatible
Storage	**Hard disk drive**
	• 160/250/320/500/640 GB or larger[1, 8]
	2-in-1 card reader, supporting:
	• Secure Digital™ (SD) Card, MultiMediaCard™ (MMC)
Optical media drive	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, 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, 4X DVD+R DL, 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Webcam	Acer Video Conference[1], featuring:
	• Acer Crystal Eye webcam with 1280 x 1024 resolution
	• Acer Video Conference Manager software, featuring Video Quality Enhancement (VQE) technology, supporting 640 x 480 resolution online video calls[9]
Wireless and networking	WLAN:[1, 10, 11]
	• 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® 3.0+HS
	• Bluetooth® 2.1+EDR
	LAN: Gigabit Ethernet, Wake-on-LAN ready
Privacy control	BIOS user, supervisor, HDD passwords

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	Kensington lock slot
Dimensions and weight	**Dimensions** 381 (W) x 253 (D) x 23/34.15 (H) mm (14.96 x 9.96 x 0.91/1.34 inches) **Weight** 2.6 kg (5.73 lbs.)[12] with 6-cell battery pack
Power adapter and battery	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes **Power adapter** 3-pin 90 W AC adapter: • 133 (W) x 59 (D) x 31 (H) mm (5.23 x 2.32 x 1.22 inches) • 390 g (0.86 lbs.)[12] with 180 cm DC cable Acer QuicCharge™ technology:[13] • 80% charge in 1 hour • 2-hour rapid charge system-off **Battery** 48.8 W 4400 mAh 6-cell Li-ion standard battery pack Battery life: 3.10 hours[14] ENERGY STAR®
Input and control	**Keyboard** 105-/106-/109-key Acer FineTouch™ keyboard with independent standard numeric keypad, international language support, dedicated US dollar and Euro symbol keys **Touchpad** Multi-gesture touchpad, supporting two-finger scroll, pinch, rotate, flip **Media keys** Media control keys (printed on keyboard): play/pause, stop, previous, next
Input and output	2-in-1 card reader (SD™, MMC) Three USB 2.0 ports HDMI™ port with HDCP support External display (VGA) port Headphone/speaker/line-out jack Microphone-in jack Ethernet (RJ-45) port DC-in jack for AC adapter

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Software	**Productivity**
	• Acer Backup Manager[1]
	• Acer ePower Management
	• Acer eRecovery Management
	• Adobe® Flash® Player 10
	• Adobe® Reader® 9.1
	• eSobi™
	• Google Toolbar™
	• Microsoft® Office 2010 preloaded (purchase a product key to activate)[15]
	• Microsoft® Office Starter 2010[16]
	• Norton™ Online Backup
	Security
	• McAfee® Internet Security Suite Trial[17]
	Multimedia
	• Corel® WinDVD[1]
	• NTI Media Maker™[1]
	Communication and ISP
	• Acer Crystal Eye
	• Acer Video Conference Manager[1]
	• Microsoft® Silverlight™
	• Skype™
	• Windows Live™ Essentials — Wave 3.2 (Mail, Photo Gallery, Live™ Messenger, Movie Maker, Writer)
	Web links and utilities
	• Acer Accessory Store[1] (Belgium, France, Germany, Italy, Netherlands, Spain, Sweden, UK only)
	• Acer Identity Card
	• Acer Registration
	• Acer Updater
	• eBay® shortcut 2009[1] (Canada, France, Germany, Italy, Mexico, Spain, UK, US only)
	• Netflix shortcut[1] (US only)

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Options and accessories	1 GB / 2 GB / 4 GB DDR3 1066 MHz soDIMM module 6-cell Li-ion battery pack 3-pin 90 W AC adapter
System compliance	Wi-Fi® ACPI 3.0 Mobile PC 2002 DMI 2.0 ENERGY STAR®
Warranty	One-year International Travelers Warranty (ITW)
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop Shock and vibration Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures)

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. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory utilized by the graphics solution and resources required by the operating environment.

4. This system is bundled with DDR3 1066 MHz memory; however, memory speed may vary depending on CPU/chipset support.

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

6. 32-bit operating systems are limited to using 3 GB of the available memory.

7. Resolution/refresh rates depend on display capability and color/depth settings.

8. 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.

9. Two VQE-enabled Acer notebooks with dual-core processors are required to enjoy the exclusive benefits and added performance of VQE.

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

11. 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 802.11b/g/n and 802.11 b/g standards.

12. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.

13. Supported on 4400, 4800 and 5200 mAh battery packs only.

14. The listed battery life is based on MobileMark 2007® productivity mode testing with wireless on. Details of MobileMark2007® testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, and utilized features. A battery's maximum capacity decreases with time and use.

15. Purchase an Office 2010 product key to activate one of the following Office 2010 suites preloaded on this PC: Office Home and Student 2010, Office Home and Business 2010, Office Professional 2010.

16. Includes Microsoft® Office 2010 preloaded. Purchase a product key to activate a full Microsoft® Office 2010 suite. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. PowerPoint, Outlook and Publisher are not included.

17. Trial periods vary depending on the geographic region and specifications: 365-day trial for China, Taiwan, Hong Kong and Singapore (Simplified Chinese and Traditional Chinese OS models); 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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About Acer

Since its founding in 1976, Acer has achieved the goal of breaking the barriers between people and technology. Globally, Acer ranks No. 2 for total PCs and notebooks. A profitable and sustainable Channel Business Model is instrumental to the company's continuing growth, while its multi-brand approach effectively integrates Acer, Gateway, Packard Bell, and eMachines brands in worldwide markets. Acer strives to design environmentally friendly products and establish a green supply chain through collaboration with suppliers. Acer is proud to be a Worldwide Partner of the Olympic

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Movement, including the Vancouver 2010 Olympic Winter and London 2012 Olympic Games. The Acer Group employs 7,000 people worldwide. 2009 revenues reached US$17.9 billion. See www.acer-group.com for more information.