Extensa 5630G Quick Spec	
Operating system[1]	Genuine Windows Vista® Business (Service Pack 1)
	Genuine Windows Vista® Home Premium (Service Pack 1)
Platform[1]	Intel® Centrino® 2 processor technology, featuring:
	• 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® 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, 3] wireless technology
System memory[1, 4, 5]	Dual-channel DDR2 SDRAM support
	Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules[6]
Display and graphics[1]	15.4" WXGA, high-brightness TFT LCD, 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™
	ATI Mobility Radeon™ HD 3470 with up to 2048[7] MB of HyperMemory™ (256 MB of dedicated DDR2 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
	NVIDIA® GeForce® 9300M GS with up to 2047[7] 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
	Dual independent display support
	16.7 million colors
	External resolution/refresh rate:
	• 2048 x 1536: 75/60 Hz
	• 1920 x 1440: 85/75/60 Hz

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	• 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
	• 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
	MPEG-2/DVD decoding
	WMV9 (VC-1) and H.264 (AVC) decoding
	HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support
Storage subsystem[1]	120/160/250/320 GB or larger hard disk drive[8] with enhanced Acer DASP (Disk Anti-Shock Protection)
	5-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
	2X Blu-ray Disc™/DVD-Super Multi double-layer drive:
	• 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)
	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 (double-layer), 6X DVD-R DL

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	(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
	DVD/CD-RW combo drive:
	• Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 6X DVD-R, 6X DVD+R, 6X DVD-RW, 6X DVD+RW, 4X DVD-RAM
	• Write: 24X CD-R, 24X CD-RW
Dimensions and weight[1]	360 (W) x 267 (D) x 30.3/43 (H) mm (14.17 x 10.51 x 1.09/1.69 inches)
	2.88 kg (6.34 lbs.) with 6-cell battery pack
Power subsystem[1]	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes
	71 W 4800 mAh 8-cell Li-ion battery pack:
	• 5-hour battery life[9]
	48.8 W 4400 mAh 6-cell Li-ion battery pack:
	• 2-hour battery life[9]
	Acer QuicCharge™ technology:
	• 80% charge in 1 hour
	• 2-hour rapid charge system-off
	• 3-hour charge-in-use
	3-pin 90 W AC adapter
	ENERGY STAR® 4.0
Input devices[1]	88-/89-key Acer FineTouch™ keyboard with 5-degree curve, inverted "T" cursor layout, 2.5 mm (minimum) key travel
	12 function keys, four cursor keys, two Windows® keys, hotkey controls, standard numeric keypad, international language support, independent US dollar and Euro symbol keys
	Empowering Key
	Easy-launch buttons: email, Internet, programmable
	Productivity keys: Lock, Presentation, Sync
	Front-access switches: WLAN, Bluetooth®

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Audio	Two built-in Acer 3DSonic stereo speakers High-definition audio support MS-Sound compatible Acer PureZone technology with two built-in stereo microphones featuring beam forming, echo cancellation, and noise suppression technologies Built-in microphone
Communication[1]	Acer Video Conference, featuring: • Integrated Acer Crystal Eye webcam supporting enhanced Acer PrimaLite™ technology[1] • Optional Acer Xpress VoIP phone WLAN[3]: 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 WPAN: Bluetooth® 2.0+EDR (Enhanced Data Rate) LAN: Gigabit Ethernet supporting ASF (Alert Standard Format) 2.0, Wake-on-LAN ready Modem: 56K ITU V.92 with PTT approval[10], Wake-on-Ring ready
I/O interface[1]	Acer EasyPort IV connector ExpressCard™/54 slot PC Card slot (Type II) 5-in-1 card reader (SD™, MMC, MS, MS PRO, xD) Four USB 2.0 ports[11] HDMI™ port with HDCP support eSATA port External display (VGA) port Headphone/speaker/line-out jack Microphone-in jack Line-in jack Ethernet (RJ-45) port Modem (RJ-11) port DC-in jack for AC adapter
Security	Enhanced Acer DASP (Disk Anti-Shock Protection) BIOS user, supervisor, HDD passwords Kensington lock slot

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Software	Acer Empowering Technology (Acer eDataSecurity[1], ePower, eRecovery, eSettings Management) Acer Crystal Eye[1] Acer GridVista™ Acer Launch Manager Adobe® Reader® Corel® WinDVD McAfee® Virus Internet Security Suite Microsoft® Office Ready 2007 (Office Professional 2007) NTI Media Maker™
Options and accessories	Acer Xpress VoIP phone and Acer Video Conference Manager pack 512 MB/1 GB/2 GB DDR2 667 MHz soDIMM module 8-cell Li-ion battery pack External USB floppy disk drive 3-pin 90 W AC adapter
System compliance	Wi-Fi® ACPI 3.0 Mobile PC 2002 DMI 2.0 Cisco Compatible Extensions (CCX)[1, 2]
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)

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Acer recommends Windows Vista® Business.

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. 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 8 GB (10 GB with Microsoft® Office Ready 2007) of the stated hard disk capacity as dedicated backup space.

9. 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.

10. 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.

11. While an eSATA device is plugged in, three USB 2.0 ports remain functional.

12. Supports Cisco Compatible Extensions Version 4.0 (CCX-V4).

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

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(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. Acer Inc. employs 5,000 people worldwide. 2007 revenues reached US$14.07 billion. See www.acer.com for more information.

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