



Extensa 4630 Quick Spec	
Operating system ¹	<p>Genuine Windows Vista® Business (Service Pack 1)</p> <p>Genuine Windows Vista® Business 64-bit² (Service Pack 1)</p> <p>Genuine Windows Vista® Home Premium (Service Pack 1)</p> <p>Genuine Windows Vista® Home Basic (Service Pack 1)</p>
Platform ¹	<p>Intel® Centrino® 2 processor technology, featuring:</p> <ul style="list-style-type: none"> • Intel® Core™2 Duo processor P9500 (6 MB L2 cache, 2.53 GHz, 1066 MHz FSB, 25 W), P7350/P7450/P8400/P8600 (3 MB L2 cache, 2/2.13/2.26/2.40 GHz, 1066 MHz FSB, 25 W), or T5800/T5900 (2 MB L2 cache, 2/2.20 GHz, 800 MHz FSB, 35 W), supporting Intel® 64 architecture • Mobile Intel® GM45 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™^{3, 4} wireless technology • Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module⁵, supporting Acer SignalUp™ with Nplify™^{3, 4} wireless technology: <ul style="list-style-type: none"> ○ Wi-Fi® (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology ○ WiMAX™ (single-band 802.16e/2.5G) WiMAX Forum Certified® WAN (Wide Area Network) connection⁵, featuring Mobile WiMAX™ and MIMO technology
System memory ^{1, 6, 7}	<p>Dual-channel DDR2 SDRAM support</p> <p>Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules⁸</p>
Display and graphics	<p>14.1" WXGA TFT LCD, 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™</p> <p>Mobile Intel® GM45 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>

Extensa 4630 Quick Spec

	<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>Storage subsystem¹</p>	<p>120/160/250/320 GB or larger hard disk drive⁹ with enhanced Acer DASP (Disk Anti-Shock Protection)</p> <p>5-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)</p> <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 <p>DVD/CD-RW combo drive:</p> <ul style="list-style-type: none"> • Read: 24X CD-ROM, 24X CD-R, 24X CD-RW, 8X DVD-ROM, 6X DVD-R, 6X DVD+R, 8X DVD-ROM DL (double-layer), 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 6X DVD-RW, 6X DVD+RW, 4X DVD-RAM

Extensa 4630 Quick Spec	
	– Write: 24X CD-R, 24X CD-RW
Dimensions and weight ¹	338 (W) x 247 (D) x 31/41 (H) mm (13.3 x 9.7 x 1.2/1.6 inches) 2.35 kg (5.17 lbs.) with 6-cell battery pack 2.51 kg (5.53 lbs.) with 9-cell battery pack
Power subsystem ¹	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes 79.9 W 4800 mAh 9-cell Li-ion battery pack: <ul style="list-style-type: none"> • 4.3-hour battery life¹⁰ 48.8 W 4400 mAh 6-cell Li-ion battery pack: <ul style="list-style-type: none"> • 3-hour battery life¹⁰ 2.5-hour rapid charge system-off 3.5-hour charge-in-use 3-pin 65 W AC adapter ENERGY STAR® 4.0
Input devices ¹	88-/89-/93-key Acer FineTouch™ keyboard with 5-degree curve, inverted "T" cursor layout, 2.5 mm (minimum) key travel Touchpad pointing device with Acer Bio-Protection fingerprint reader ¹ , featuring Acer FingerNav 4-way control function 12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad, international language support, independent US and Euro dollar symbol keys Empowering Key Easy-launch buttons: email, Internet, programmable Productivity keys: Lock, Presentation, Sync Front-access switches: WLAN and Bluetooth®
Audio	Two built-in Acer 3DSonic stereo speakers High-definition audio support MS-Sound compatible Built-in microphone
Communication ¹	Acer Video Conference, featuring: <ul style="list-style-type: none"> • Integrated Acer Crystal Eye webcam supporting enhanced Acer PrimaLite™ technology¹ • Acer Video Conference Manager software featuring Video Quality Enhancement (VQE) technology with H.264 video compression, supporting 640 x 480 resolution online video calls with drag-and-drop Picture-in-Picture (PIP) interactivity¹¹ • Optional Acer Xpress VoIP phone

Extensa 4630 Quick Spec	
	<p>WLAN^{1, 4}: 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™³ wireless technology</p> <p>Wi-Fi®/WiMAX™^{1, 4}: Intel® Wireless WiFi Link 5150/5350 Wi-Fi®/WiMAX™ dual-mode module⁵, supporting Acer SignalUp™ with Nplify™³ wireless technology</p> <ul style="list-style-type: none"> • Wi-Fi®: (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, featuring MIMO technology • WiMAX™: (single-band 802.16e/2.5G) WiMAX Forum Certified™ WAN (Wide Area Network) connection⁵, featuring Mobile WiMAX™ and MIMO technology <p>WPAN¹: 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>LAN: Fast Ethernet, Wake-on-LAN ready</p> <p>Modem: 56K ITU V.92 with PTT approval¹², Wake-on-Ring ready</p>
I/O interface ¹	<p>Acer EasyPort IV connector</p> <p>PC Card slot (Type II)</p> <p>Acer Bio-Protection fingerprint reader</p> <p>5-in-1 card reader (SD™, MMC, MS, MS PRO, xD)</p> <p>Three USB 2.0 ports</p> <p>HDMI™ port with HDCP support</p> <p>External display (VGA) port</p> <p>Headphone/speaker/line-out jack</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>
Security	<p>Enhanced Acer DASP (Disk Anti-Shock Protection)</p> <p>Acer Bio-Protection fingerprint solution, featuring Pre-Boot Authentication (PBA), computer protection, Acer ProfileLaunch, Acer FingerLaunch, Acer FingerNav</p> <p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Software	<p>Acer Empowering Technology (Acer eDataSecurity¹, ePower,</p>

Extensa 4630 Quick Spec	
	eRecovery, eSettings Management) Acer Bio-Protection ¹ Acer Crystal Eye ¹ Acer GridVista™ Acer Launch Manager Acer Video Conference Manager ¹ Adobe® Reader® Corel® WinDVD McAfee® Internet Security Suite NTI Media Maker™ NTI Shadow™ (sync button) Microsoft® Works 9.0 with Office Home and Student 2007 Trial
Options and accessories	Acer EasyPort IV Acer Xpress VoIP phone and Acer Video Conference Manager pack 512 MB/1 GB/2 GB DDR2 667 MHz soDIMM module 9-cell Li-ion battery pack 3-pin 65 W AC adapter External USB floppy disk drive
System compliance	Wi-Fi® ACPI 3.0 Mobile PC 2002 DMI 2.0 Cisco Compatible Extensions (CCX) ^{1, 13}
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)

Extensa 4630 Quick Spec

Acer recommends Windows Vista® Business.

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
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.
4. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building 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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory.
9. 1 GB equals 1 billion bytes. The system's 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.
10. 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.
11. Two VQE-enabled Acer notebooks with dual-core processors are required to enjoy the exclusive benefits and added performance of VQE.
12. 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.
13. Supports Cisco Compatible Extensions Version 4.0 (CCX-V4) for configurations with Windows® XP and Windows Vista®.

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.

© 2008 Acer Inc. All rights reserved. Acer, the Acer logo, and Extensa are registered trademarks of Acer Incorporated. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel and

Extensa 4630 Quick Spec

Pentium are registered trademarks of Intel Corporation. Other trademarks, registered trademarks and/or service marks, indicated or otherwise, are the properties of their respective owners.

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.

