



Extensa 7630EZ Specifications	
Operating system¹	<p>Genuine Windows Vista® Business (Service Pack 1)</p> <p>Genuine Windows Vista® Home Premium (Service Pack 1)</p> <p>Genuine Windows Vista® Home Basic (Service Pack 1)</p>
Platform¹	<p>Intel® Pentium® dual-core mobile processor T3200/T3400 (1 MB L2 Cache, 2/2.16 GHz, 667 MHz FSB, 35 W), supporting Intel® 64 architecture</p> <p>Intel® Pentium® processor T4200 (1 MB L2 Cache, 2 GHz, 800 MHz FSB, 35 W), supporting Intel® 64 architecture</p> <p>Mobile Intel® GL40 Express Chipset</p> <p>Acer InviLink™ Nplify™^{2, 3}, 802.11b/g/Draft-N Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology</p> <p>Acer InviLink™³ 802.11b/g Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology</p>
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 and graphics¹	<p>17" WXGA+ high-brightness (220-nit) Acer CrystalBrite™ TFT LCD, 1440 x 900 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™</p> <p>17" WXGA+ high-brightness (220-nit), 1440 x 900 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™</p> <p>Mobile Intel® GL40 Express Chipset with integrated 3D graphics, featuring Intel® Graphics Media Accelerator 4500M (Intel® GMA 4500M) 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> <ul style="list-style-type: none"> • 2048 x 1536: 75/60 Hz • 1920 x 1440: 85/75/60 Hz

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	<ul style="list-style-type: none"> • 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 acceleration</p> <p>WMV9 (VC-1) and H.264 (AVC) acceleration</p>
Storage subsystem¹	<p>One or two 120/160/250/320/500 GB or larger hard disk drives⁷</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, 6X DVD-RW, 6X DVD+RW, 4X DVD-RAM • Write: 24X CD-R, 24X CD-RW
Dimensions and weight¹	<p>396 (W) x 286 (D) x 35.2/44 (H) mm (15.6 x 11.3 x 1.4/1.7 inches)</p> <p>3.60 kg (7.93 lbs.) with 2 HDDs and 8-cell battery pack</p> <p>3.40 kg (7.48 lbs.) with 6-cell battery pack</p>
Power	ACPI 3.0 CPU power management standard: supports

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subsystem¹	<p>Standby and Hibernation power-saving modes</p> <p>48.8 W 4400 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> • 2-hour battery life⁸ <p>3-pin 65 W AC adapter</p> <p>ENERGY STAR[®] 4.0</p>
Input devices	<p>105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel</p> <p>Touchpad pointing device</p> <p>12 function keys, four cursor keys, two Windows[®] keys, hotkey controls, standard 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, programmable</p> <p>Productivity keys: Lock, Presentation, Sync</p>
Audio	<p>Two built-in Acer 3DSonic stereo speakers</p> <p>High-definition audio support</p> <p>MS-Sound compatible</p> <p>Built-in microphone</p>
Communication	<p>Acer Video Conference¹, featuring:</p> <ul style="list-style-type: none"> • Integrated Acer Crystal Eye webcam supporting enhanced Acer PrimaLite[™] technology¹ • Optional Acer Xpress VoIP phone <p>WLAN^{1, 3}: Acer InviLink[™] Nplify^{™2} 802.11b/g/Draft-N Wi-Fi CERTIFIED[®] network connection, supporting Acer SignalUp[™] wireless technology</p> <p>WLAN¹: Acer InviLink[™] 802.11b/g Wi-Fi CERTIFIED[®] network connection, supporting Acer SignalUp[™] wireless technology</p> <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>
I/O interface	<p>Four USB 2.0 ports</p> <p>External display (VGA) port</p> <p>Headphone/speaker/line-out jack</p> <p>Microphone-in jack</p> <p>Line-in jack</p>

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	Ethernet (RJ-45) port DC-in jack for AC adapter
Security	BIOS user, supervisor, HDD passwords Kensington lock slot
Software	Acer Empowering Technology (Acer ePower, eRecovery Management) Acer Crystal Eye ¹ Acer GridVista™ Acer Launch Manager Adobe® Reader® Corel® WinDVD McAfee® Internet Security Suite Microsoft® Office Ready 2007 NTI Media Maker™ NTI Shadow™
Options and accessories	Acer Xpress VoIP phone and Acer Video Conference Manager pack 512 MB / 1 GB / 2 GB DDR2 667 MHz soDIMM module 3-pin 65 W AC adapter 120/160/200/250/320/500 GB hard disk drive USB optical mouse External USB floppy disk drive
System compliance	Wi-Fi® ACPI 3.0 Mobile PC 2002 DMI 2.0
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 InviLink™ 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/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. 1 GB equals 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.
8. 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.
9. 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.

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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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.

