



Extensa 5635Z Specifications (v6-1-2)	
Operating system¹	Genuine Windows Vista® Home Premium (Service Pack 1) Genuine Windows Vista® Home Basic (Service Pack 1)
Platform¹	Intel® Pentium® mobile processor T4200 (1 MB L2 cache, 2 GHz, 800 MHz, 35 W) or T3400 (1 MB L2 cache, 2.16 GHz, 667 MHz, 35 W), supporting Intel® 64 architecture Mobile Intel® GL40 Express Chipset Acer InViLink™ Nplify™ ^{2, 3} 802.11b/g/Draft-N Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology Acer InViLink™ ² 802.11b/g Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology
System memory^{1, 4, 5}	Dual-channel DDR3 SDRAM support Up to 2 GB of DDR3 800 MHz memory, upgradeable to 4 GB using two soDIMM modules ⁶
Display and graphics¹	15.6" HD 1366x768 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 response time 60% color gamut 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 Dual independent display support 16.7 million colors External resolution/refresh rate: <ul style="list-style-type: none"> • 2048 x 1536: 60 Hz • 1920 x 1440: 75/60 Hz • 1920 x 1080: 100/85/75/60 Hz • 1856 x 1392: 75/60 Hz

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	<ul style="list-style-type: none"> • 1792 x 1344: 75/60 Hz • 1600 x 1200: 100/85/75/60 Hz • 1600 x 900: 60 Hz • 1400 x 1050: 60 Hz • 1366 x 768: 85/75/60 Hz • 1280 x 1024: 120/100/85/75/60 Hz • 1280 x 960: 85/60 Hz • 1280 x 768: 60 Hz • 1152 x 864: 100/85/75 Hz • 1024 x 768: 120/100/85/75/60 Hz • 800 x 600: 120/100/85/72/60 Hz • 640 x 480: 120/100/85/75/60 Hz <p>MPEG-2/DVD decoding</p> <p>WMV9 (VC-1) and H.264 (AVC) decoding</p>
Storage subsystem¹	<p>160/250/320/500 GB or larger hard disk drive⁷</p> <p>Multi-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), 8X DVD-RW, 8X DVD+RW, 5X DVD-RAM • Write: 24X CD-R, 24X CD-RW, 8X DVD-R, 8X DVD+R, 6X DVD-R DL (double-layer), 6X DVD+R DL (double-layer), 6X DVD-RW, 8X DVD+RW, 5X DVD-RAM
Dimensions and weight¹	<p>370 (W) x 243.5 (D) x 24.4/34.95 (H) mm (14.6 x 9.6 x 0.96/1.4 inches)</p> <p>2.50 kg (5.51 lbs.) with 6-cell battery pack</p>
Power subsystem	<p>ACPI 3.0 CPU power management standard: supports 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>

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	ENERGY STAR®
Input devices¹	<p>105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel</p> <p>10 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>Multi-gesture touchpad pointing device, supporting:</p> <ul style="list-style-type: none"> • Circular-motion scrolling • Pinch-action zoom • Page flip <p>Easy-launch keys: WLAN, Bluetooth®¹</p>
Audio	<p>High-definition audio support</p> <p>MS-Sound compatible</p> <p>Built-in microphone</p> <p>Two built-in stereo speakers</p>
Communication	<p>Acer Video Conference¹, featuring:</p> <ul style="list-style-type: none"> • Integrated Acer Crystal Eye webcam, with 640 x 480 @ 30fps resolution image capture, supporting enhanced Acer PrimaLite™ technology <p>WLAN^{1, 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</p> <p>WPAN¹: Bluetooth® 2.0+EDR (Enhanced Data Rate)</p> <p>LAN: Gigabit Ethernet, Wake-on-LAN ready</p>
I/O interface	<p>Multi-in-1 card reader (SD™, MMC, MS, MS PRO, xD)</p> <p>Three USB 2.0 ports</p> <p>External display (VGA) port</p> <p>Headphone/speaker/line-out jack</p> <p>Microphone-in jack</p> <p>Ethernet (RJ-45) port</p> <p>DC-in jack for AC adapter</p>
Security	<p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Software	<p>Acer Crystal Eye¹</p> <p>Acer GridVista™</p>

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	Acer eRecovery Management Adobe® Reader® Adobe® Flash® Player Corel® WinDVD Google Toolbar™ Google Desktop™ McAfee® Internet Security Suite Trial ⁹ Microsoft® Office Professional 2007 Trial Microsoft® Windows Live™ Essentials NTI Media Maker™
Options and accessories	1 GB / 2 GB DDR3 800 MHz soDIMM module 3-pin 65 W AC adapter 160/250/320/500 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)
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	

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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 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 Recovery Management utilizes up to 10 GB of the stated hard disk capacity as dedicated backup space.
8. 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.
9. 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.

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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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