



Extensa 5620G Quick Spec	
Operating system¹	Genuine Windows Vista® Home Premium Genuine Windows Vista® Home Basic Genuine Windows® XP Professional (Service Pack 2)
Platform¹	Intel® Centrino® processor technology, featuring: <ul style="list-style-type: none"> Intel® Core™2 Duo processor T7300/T7500/T7700/T7800 (4 MB L2 cache, 2/2.20/2.40/2.60 GHz, 800 MHz FSB), or T7100 (2 MB L2 cache, 1.80 GHz, 800 MHz), or T5450/T5550/T5750 (2 MB L2 cache, 1.66/1.83/2 GHz, 667 MHz), supporting Intel® 64 architecture Mobile Intel® PM965 Express Chipset Intel® PRO/Wireless 3945ABG⁴ (dual-band tri-mode 802.11a/b/g) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology
System memory^{1, 5, 6}	Dual-channel DDR2 SDRAM support Up to 2 GB of DDR2 667 MHz memory, upgradeable to 4 GB using two soDIMM modules
Display and graphics¹	15.4" WXGA high-brightness TFT LCD, 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing via Acer GridVista™ ATI Mobility Radeon™ HD 2400 XT with up to 1024/512 ⁷ MB of HyperMemory™ (256 MB of dedicated GDDR2 VRAM, up to 768/256 ⁷ MB of shared system memory), supporting OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0 and Microsoft® DirectX® 10 Dual independent display support 16.7 million colors External resolution/refresh rate: <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 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

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	<ul style="list-style-type: none"> • 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 (decode with ATI Mobility Radeon™ HD 2600 and NVIDIA® GeForce® 8400M GS graphics)</p> <p>WMV9 (VC-1) and H.264 (AVC) acceleration (decode with ATI Mobility Radeon™ HD 2600 and NVIDIA® GeForce® 8400M GS graphics)</p> <p>S-video/TV-out (NTSC/PAL) support</p> <p>DVI-D (true digital video interface) support</p>
Storage subsystem¹	<p>80/120/160 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) Card, 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
Dimensions and weight¹	<p>360 (W) x 267 (D) x 30.3/43 (H) mm (14.17 x 10.51 x 1.09/1.69 inches)</p> <p>2.88 kg (6.34 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>44.4 W 4000 mAh 6-cell Li-ion battery pack:</p> <ul style="list-style-type: none"> • 2.4-hour battery life¹¹ with ATI Mobility Radeon™ HD 2400XT graphics <p>3-pin 90 W AC adapter</p> <p>Acer QuicCharge™ technology:</p> <ul style="list-style-type: none"> • 80% charge in 1 hour • 2-hour rapid charge system-off

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	<ul style="list-style-type: none"> • 3-hour charge-in-use
Input devices	<p>88-/89-key Acer FineTouch™ keyboard with 5-degree curve, 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, embedded numeric keypad, international language support, independent Euro and US dollar sign keys</p> <p>Empowering Key</p> <p>Easy-launch buttons: email, Internet, programmable</p> <p>Productivity keys: Lock, Presentation, Sync</p> <p>Front-access switches: WLAN, Bluetooth®</p>
Audio	<p>Two built-in Acer 3DSonic stereo speakers</p> <p>High-definition audio support</p> <p>Built-in microphone</p> <p>MS-Sound compatible</p>
Communication	<p>Acer Video Conference, 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, 4}: Intel® PRO/Wireless 3945ABG (dual-band tri-mode 802.11a/b/g) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ wireless technology</p> <p>WPAN: Bluetooth® 2.0+EDR (Enhanced Data Rate)¹</p> <p>LAN: Gigabit Ethernet supporting ASF (Alert Standard Format) 2.0, Wake-on-LAN ready</p> <p>Modem: 56K ITU V.92 with PTT approval¹², Wake-on-Ring ready</p>
I/O interface	<p>ExpressCard™/54 slot</p> <p>PC Card slot (Type II)</p> <p>5-in-1 card reader (SD™, MMC, MS, MS PRO, xD)</p> <p>Four USB 2.0 ports</p> <p>DVI-D port</p> <p>IEEE 1394 port (4-pin)</p> <p>Fast infrared (FIR) port</p> <p>External display (VGA) port</p> <p>S-video/TV-out (NTSC/PAL) port</p> <p>Headphones/speaker/line-out jack</p>

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	Microphone 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
Software	Acer Empowering Technology (Acer eNet, ePower, ePresentation, eDataSecurity ¹ , eLock, eRecovery, eSettings Management) Acer Crystal Eye ¹ Acer GridVista™ Acer Launch Manager Acer Video Conference Manager ¹ Adobe® Reader® CyberLink® PowerDVD® Microsoft® Office Ready SP1 ¹ Norton Internet Security™ NTI CD & DVD 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 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, 13}
Warranty	One-year International Travelers Warranty (ITW)
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure Acoustics

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	<p>Spillage</p> <p>Free drop</p> <p>Shock and vibration</p> <p>Electrostatic discharge immunity</p> <p>Keyboard-switch life</p> <p>MTBF (mean time between failures)</p>
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Acer recommends Windows Vista® Business.

1. Specifications vary depending on model and usage.
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 802.11a/b/g 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. Models with 802.11b/g WLAN support, validated with Intel® Centrino® processor technology, may be offered in some regions.
5. Up to 1 GB of available system memory may be allocated for system resource requirements.
6. 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 this graphics solution and resources required by the operating environment.
7. 512 MB of total video memory and up to 256 MB of shared system memory for configurations with Windows® XP.
8. 1024 MB of total video memory and up to 512 MB of shared system memory for configurations with Windows® XP.
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. HD DVD support is available only with ATI Mobility Radeon™ HD 2600 and NVIDIA® GeForce® 8400M GS graphics.
11. Battery life may be reduced if Windows Aero™ is enabled.
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.

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| <p>13. Supports Cisco Compatible Extensions Version 4.0 (CCX-V4) for configurations with Windows® XP.</p> |
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