



Aspire 1650 Quick Spec	
Operating system	Genuine Microsoft® Windows® XP Home Edition (Service Pack 2)
Platform¹	Intel® Centrino™ mobile technology, featuring: - Intel® Pentium® M processor 730/740/750/760/770/780 or higher (2 MB L2 cache, 1.60/1.73/1.86/2/2.13/2.26 GHz, 533 MHz FSB) or Intel® Pentium® M processor 725A (2 MB L2 cache, 1.60 GHz, 400 MHz FSB) - Intel® 915PM Express chipset - Integrated Intel® PRO/Wireless 2200BG network connection (dual-mode 802.11b/g) Wi-Fi CERTIFIED™ solution, supporting Acer SignalUp™ wireless technology
Memory¹	256/512 MB of DDR2 400/533 memory, upgradeable to 2 GB using two soDIMM modules
Display¹	15.4" WXGA Acer CrystalBrite color TFT LCD, 1280 x 800 pixel resolution, supporting simultaneous multi-window viewing on dual displays via Acer GridVista 15" XGA color TFT LCD, supporting 1024 x 768 pixel resolution 16.7 million colors
Graphics¹	ATI MOBILITY™ RADEON® X300 with 64/128 MB of VRAM with ATI POWERPLAY™ 5.0, Microsoft® DirectX® 9.0, PCI Express® and DualView™ support Simultaneous LCD and CRT display with LCD panel resolution at 70 Hz Up to 2048 x 1536 resolution via non-interlaced CRT display External resolution/refresh rate: 2048 x 1536: 75/70/66/60 Hz 1600 x 1200: 120/100/92/85/76/75/70/66/65/60/58/52 Hz 1280 x 1024: 160/120/100/90/85/75/74/70/60 Hz 1024 x 768:

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	200/160/150/120/100/90/85/75/72/70/60 Hz 800 x 600: 160/120/100/90/85/75/72/70/60 Hz MPEG-2/DVD hardware-assisted capability Acer CinemaVision™² video technology (Acer Arcade) Acer ClearVision™² video optimization (Acer Arcade)
Audio	Audio system with two built-in speakers S/PDIF support MS Sound compatible Built-in microphone
Storage¹	60/80/100 GB ATA/100 hard disk drive
Optical media drive¹	Choice of: - DVD-Dual double-layer drive Disk performance compatibility: - DVD-Dual double-layer drive - Read: 24X CD-RW, 24X CD-R, 8X DVD-ROM, 6X DVD+RW, 6X DVD-RW, 6X DVD+R, 6X DVD-R, 6X DVD+R DL (double-layer) - Write: 24X CD-R, 10X CD-RW, 8X DVD+R, 8X DVD-R, 4X DVD+RW, 4X DVD-RW, 2.4X DVD+R DL (double-layer)
Communication	Modem: 56K ITU V.90/92 with PTT approval³; Wake-on-Ring ready LAN: 10/100 Mbps Fast Ethernet; Wake-on-LAN ready WLAN: integrated Intel® PRO/Wireless 2200BG network connection (dual-mode 802.11b/g) Wi-Fi CERTIFIED™ solution, supporting Acer SignalUp™ wireless technology
Size and weight¹	364 (W) x 279 (D) x 33.9 to 38.9 (H) mm (14.3 x 11 x 1.3 to 1.5 inches) 2.92 kg (6.43 lbs.) with 15" XGA screen 3 kg (6.6 lbs.) with 15.4" WXGA screen

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Power	ACPI 1.0b power management standard: supports Standby and Hibernation power-saving modes 3.5-hour battery life for 65 W Li-ion battery pack (8-cell) 2.5-hour quick-charge; 3.5-hour charge-in-use 65 W AC adapter
Special keys and controls	88-/89-key keyboard, international language support, 2.5 mm (minimum) key travel Touchpad with 4-way scroll button 12 function keys, four cursor keys, two Windows® keys, hotkey controls, embedded numeric keypad Four easy-launch buttons: Internet browser, email with LED, Empowering Key, one user-programmable button
I/O ports	Three USB 2.0 ports PC Card slot (one Type II) External display (VGA) port Headphones/speaker/line-out port with S/PDIF support Microphone-in jack Line-in jack Ethernet (RJ-45) port Modem (RJ-11) port DC-in jack for AC adapter
Software	Acer eManager (ePowerManagement, eNetManagement, ePresentation, eRecovery ⁴ , eSettings) Acer GridVista ⁵ Acer Arcade ² Acer Launch Manager Norton AntiVirus™ Adobe® Reader® CyberLink® PowerDVD™ NTI CD-Maker™
Optional items	Li-ion battery pack AC adapter 256/512 MB or 1 GB DDR2 533 MHz soDIMM modules
Warranty	One-year International Travelers Warranty

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	(ITW)
               	Acer recommends Windows® XP Media Center Edition. 1. Specifications vary depending on model and usage. 2. Powered by CyberLink technology. 3. 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. 4. This feature uses 2 to 3 GB of hard disk space. 5. Acer GridVista is bundled with 15.4" widescreen models only. In a continuing effort to improve the quality of our products, information in this brochure 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. © 2005 Acer Inc. All rights reserved. Acer, the Acer logo and Aspire are registered trademarks of Acer Inc. Other trademarks, registered trademarks, and/or service marks, indicated or otherwise, are the property of their respective owners. About Acer Acer ranks among the world's top five branded PC vendors, designing and marketing easy, dependable IT solutions that empower people to reach their goals and enhance their lives. In 2000, Acer spun-off its manufacturing operation to focus on globally marketing its brand-name products: desktop and mobile PCs, servers and storage, displays, peripherals, and e-business solutions for business, government, education, and home users. Established in 1976, the Acer Group employs 5,600 people supporting dealers and distributors in more than 100 countries. Revenues in 2004 reached US\$7 billion. Please visit www.acer.com.