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GEMSTONE

Empowering Technology



Operating System	Windows Vista® Home Premium 32-bit*
Platform	Intel® Centrino® Duo mobile processor technology, featuring: <ul style="list-style-type: none"> Intel® Core™2 Duo processor T9300 (6 MB L2 cache, 2.60 GHz, 800 MHz FSB), supporting Intel® 64 architecture Mobile Intel® PM965 Express Chipset Intel® Wireless WiFi Link 4965AGN Wi-Fi CERTIFIED® (dual-band quad-mode 802.11a/b/g/Draft-N) network connection, supporting Acer SignalUp™ with InviLink™ Nplify™ wireless technology
System Memory	4GB Dual-channel DDR2 SDRAM support (2x2GB)
Display	18.4" Full HD 1920 x 1080 pixel resolution, high-brightness (300-nit), Acer CineCrystal™ TFT LCD, two lamps, supporting simultaneous multi-window viewing via Acer GridVista™ 16:9 aspect ratio 8 ms high-def response time 90% color gamut
Graphics	NVIDIA® GeForce® 9500M GS with up to 1280 MB of TurboCache™ (512 MB of dedicated GDDR2 VRAM, up to 768 MB of shared system memory), supporting NVIDIA® PureVideo™ HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 4.0, 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 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 MPEG-2/DVD decoding WMV9 (VC-1) and H.264 (AVC) decoding HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support Acer Arcade™ Deluxe featuring Acer CinemaVision™ and Acer ClearVision™ technologies
Audio	Optimized 2nd Generation Dolby Home Theater® audio enhancement, featuring Dolby® Digital, Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass and Dolby® Sound Space Expander technologies Acer CineSurround with five built-in speakers and one Acer Tuba CineBass booster supporting low-frequency effects True5.1-channel surround sound output High-definition audio support S/PDIF (Sony/Philips Digital Interface) support for digital speakers MS-Sound compatible Acer PureZone technology with two built-in stereo microphones featuring beam forming, echo cancellation, and noise suppression technologies
Storage	2x250GB HDD Intel® Turbo Memory supported 6-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), MultiMediaCard Plus (MMCplus™), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)
TV Tuner	Acer TV-tuner options: Digital TV-tuner supporting DVB-T (Digital Video Broadcasting-Terrestrial) standard (6 to 8 MHz) TV-tuner I/O: <ul style="list-style-type: none"> RF-in jack for digital TV antenna cable input TV-tuner cable: <ul style="list-style-type: none"> PAL cable for digital TV input Acer DVB-T antenna (UHF/VHF reception) supporting Acer SignalUp™ technology
Optical Media Drive	2X Blu-ray Disc™/DVD-Super Multi double-layer drive: <ul style="list-style-type: none"> Read: 24X CD-ROM, 24X CD-R, 24X/16X CD-RW, 8X DVD-ROM, 8X DVD-R, 8X DVD+R, 6X/4X DVD-ROM DL (double-layer), 6X/4X DVD-R DL (double-layer), 6X/4X DVD+R DL (double-layer), 6X/4X DVD-RW, 6X/4X DVD+RW, 5X DVD-RAM, 2X BD-ROM, 2X BD-R, 2X BD-RE, 2X BD-ROM DL (double-layer), 2X/1.6X BD-R DL (double-layer), 2X BD-RE DL (double-layer) Write: 16X/8X CD-R, 10X/4X CD-RW, 8X DVD-R, 8X DVD+R, 4X DVD-RW, 4X DVD+RW, 5X DVD-RAM, 4X/2.4X DVD+R DL (double-layer), 4X/2X DVD-R DL (double-layer)
Communication	Acer Video Conference, featuring: <ul style="list-style-type: none"> Integrated Acer Crystal Eye webcam, supporting enhanced Acer PrimaLite™ technology 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) interactivity14 Acer PureZone technology Optional Acer Xpress VoIP phone WLAN: Intel® Wireless WiFi Link 4965AGN (dual-band quad-mode 802.11a/b/g/Draft-N) Wi-Fi CERTIFIED® network connection, supporting Acer SignalUp™ with InviLink™ Nplify™2 wireless technology LAN: Gigabit Ethernet, Wake-on-LAN ready WPAN: Bluetooth® 2.0+EDR (Enhanced Data Rate) Modem: 56K ITU V.92 with PTT approval, Wake-on-Ring ready
Privacy control	Acer Bio-Protection fingerprint solution, featuring Windows® logon, computer protection, FingerLaunch, ProfileLaunch, MusicLaunch, Password Bank, MyLaunch, Acer FingerNav

Privacy Control	BIOS user, supervisor, HDD passwords Kensington lock slot
Dimensions & Weight	441.4 (W) x 300 (D) x 40.2/44.2 (H) mm (17.4 x 11.8 x 1.58/1.74 inches) 4.1 kg (9.04 lbs.)
Power	ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes 71 W 4800 mAh 8-cell Li-ion battery pack: • 2.5-hour battery life Acer QuicCharge™ technology: • 80% charge in 1 hour • 2-hour rapid charge system-off • 3-hour charge-in-use 3-pin 90 W AC adapter Energy Star 4.0-compliant
Special Keys & controls	105-/106-key keyboard with inverted "T" cursor layout, 2.5 mm (minimum) key travel Touchpad pointing device with Acer Bio-Protection fingerprint reader, featuring Acer FingerNav 4-way control function 12 function keys, four cursor keys, two Windows® keys, hotkey controls, standard numeric keypad, international language support, independent US and Euro dollar sign keys Empowering Key Easy-launch buttons: WLAN, Internet, email, Bluetooth® Acer CineDash media console capacitive human interface device, including: • Acer Arcade™ • Volume meter (volume up/down) • Menu navigation (enter/back/left/right) • Media control (play/pause, stop, previous, next, fast forward, rewind) • Mute and hold keys
I/O Ports	ExpressCard™/54 slot 6-in-1 card reader (SD™, MMC, MMCplus™, MS, MS PRO, xD) Four USB 2.0 ports HDMI™ port with HDCP support Consumer infrared (CIR) port External display (VGA) port RF-in jack Headphone/speaker/line-out jack 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 Empowering Technology (Acer eAudio, ePower, eDataSecurity, eRecovery, eSettings Management) Acer Arcade™ Deluxe featuring Cinema, Album, Music, Acer HomeMedia Acer InstantOn Arcade Acer Bio-Protection Acer Crystal Eye Acer Launch Manager Acer GridVista™ Acer GameZone Acer Video Conference Manager featuring Video Quality Enhancement (VQE) Adobe® Reader® CyberLink® PowerDirector® trial version McAfee Internet Security Suite 60-day trial version NTI Media Maker™ Microsoft® Works 9.0 with Office Home and Student 2007 Trial
Warranty	One-year International Travelers Warranty (ITW)

* a 64-bit operating system is required to enjoy the ultimate performance of 4 GB memory
Product Specifications may vary or/and change without advice