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Windows®. Life without Walls™. Acer recommends Windows 7.

Aspire TimelineX 5820T



The TimelineX Series delivers an extraordinary blend of EXTREMES: up to 12-hour battery life^{1,2}, ultra-thin-light mobility, and no-compromise performance. You can be completely mobile all day and still enjoy high-definition graphics and plenty of processing power for extreme multitasking. The latest wireless technologies are also featured for staying in constant contact.

Intel® Core™ i7 Processor

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Operating System

[Genuine](#) Windows® 7 Home Premium
[Genuine](#) Windows® 7 Home Basic

Processor & Chipset

Intel® Core™ i7-620M processor (4 MB L3 cache, 2.66 GHz with Turbo Boost up to 3.33 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
 Intel® Core i5-430M/i5-520M/i5-540M processor (3 MB L3 cache, 2.26/2.40/2.53 GHz with Turbo Boost up to 2.53/2.93/3.06 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
 Intel® Core i3-330M/i3-350M processor (3 MB L3 cache, 2.13/2.26 GHz, DDR3 1066 MHz, 35 W), supporting Intel® 64 architecture, Intel® Smart Cache
 Mobile Intel® HM55 Express Chipset

Memory

Dual-channel DDR3 SDRAM support
 Up to 4 GB of DDR3 1066 MHz memory, upgradeable to 8 GB using two soDIMM modules for (for 64-bit OS)

Storage

160/250/320/500/640 GB or larger hard disk drive
 Multi-in-1 card reader, supporting Secure Digital™ (SD), MultiMediaCard (MMC), Memory Stick® (MS), Memory Stick PRO™ (MS PRO), xD-Picture Card™ (xD)

Display

15.6" HD 1366 x 768 pixel resolution, high-brightness (200-nit) Acer CineCrystal™ LED-backlit TFT LCD, supporting simultaneous multi-window viewing
 Mercury free, environment friendly
 Super slim design
 16:9 aspect ratio

Graphics

Intel® HD Graphics with 128 MB of dedicated system memory, supporting Microsoft® DirectX® 10
 ATI Mobility Radeon™ HD 5650 with Switchable Graphics technology, up to 38405 MB of HyperMemory™ (1 GB of dedicated DDR3 VRAM, up to 30676 MB of shared system memory), supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11, OpenGL® 3.1, OpenCL™ 1.1(* depending on size of system memory)
 WMV9 (VC-1) and H.264 (AVC) decoding
 ATI Mobility Radeon™ HD 5470 with Switchable Graphics technology, up to 33285 MB of HyperMemory™ (512 MB of dedicated DDR3 VRAM, up to 30676 MB of shared system memory), supporting Unified Video Decoder (UVD), OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11, OpenGL® 3.1, OpenCL™ 1.1(* depending on size of system memory)
 Dual independent display support
 MPEG-2/DVD decoding
 HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support

Audio

Optimized 3rd Generation Dolby® Home Theater®6 audio enhancement, featuring Dolby® Digital Live, Dolby® Pro Logic® IIx, Dolby® Headphone, Dolby® Natural Bass, Dolby® Sound Space Expander, Dolby® Inverse Filtering, Dolby® High Frequency Enhancer technologies7
 High-definition audio support
 S/PDIF (Sony/Philips Digital Interface)8 support for digital speakers
 MS-Sound compatible
 Built-in microphone

Communication

Acer Video Conference, featuring:
 • Acer Crystal Eye high-def webcam with 1280 x 1024 resolution
 WLAN:
 • Acer InviLink™ Nplify™ 802.11 b/g/n Wi-Fi CERTIFIED™
 • Acer InviLink™ 802.11b/g Wi-Fi CERTIFIED™
 WPAN:Bluetooth® 2.1+EDR
 WWAN: UMTS/HSPA at 850/900/1900/2100 MHz and quad-band GSM/GPRS/EDGE(850/900/1800/1900 MHz),

	<p>upgradeable to 7.2 Mb/s HSDPA and 5.7 Mb/s HSUPA, supporting receiver diversity and equalizing at 2100 MHz WPAN: Bluetooth® 2.0+EDR (Enhanced Data Rate) (manufacturing option) LAN: Gigabit Ethernet, Wake-on-LAN ready</p>
I/O Interface	<p>4x USB 2.0 ports 1x HDMI™ (High-Definition Multimedia Interface) with HDCP (High-bandwidth Digital Content Protection) support 1x external display (VGA) port 1x Headphones/speaker/line-out jack with S/PDIF support 1x Microphone-in jack 1x Ethernet (RJ-45) port 1x DC-in jack for AC adapter</p>
Security	<p>Slot for Kensington lock BIOS user, supervisor, HDD passwords</p>
Power Supply & Battery	<p>ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes 66.6 W 6000 mAh 6-cell Li-ion standard battery pack: <ul style="list-style-type: none"> • up to 8-hour battery life 90W 9000 mAh 9-cell Li-ion standard battery pack <ul style="list-style-type: none"> • up to 12-hour battery life Acer PowerSmart 3-pin 65 W AC adapter Energy Star®</p>
Keyboard & Special Controls	<p>103-/104-/107-key keyboard, with inverted "T" cursor layout Multi-gesture touchpad pointing device, supporting: <ul style="list-style-type: none"> • Circular-motion scrolling • Pinch-action zoom • Page flip 10 function keys, four cursor keys, two Windows® keys, hotkey controls, independent standard numeric keypad, international language support Acer PowerSmart key Easy-launch buttons: Programming key Media control keys (printed on keyboard): play/pause, stop, previous, next</p>
Weight & Dimensions	<p>379 (W) x 250 (D) x 24/31.4 (H) mm 2.4 kg (5.3 lbs.) with 6-cell battery pack</p>
Quality & Reliability Tests	<p>Temperature & humidity test Free drop test Acoustics test Weight and Pressure tests Spillage test Shock and Vibration tests Electrostatic discharge immunity test MTBF (Mean Time Between Failure) test Hinge life test Keyboard-switch life test</p>
Software	<p>Productivity <ul style="list-style-type: none"> • Acer Backup Manager • Acer ePower Management • Acer eRecovery Management • Microsoft® Office Personal 2007 (Service Pack 2) (Japan only, subject to customer request) • Microsoft® Office Trial (Service Pack 2) • Microsoft® Works SE 9 (Brazil, Canada, France, Germany, Poland, Russia, UK and US only) • Microsoft® Works 9 • Microsoft® Works 8.5 • Adobe® Flash® Player 10 • Adobe® Reader® 9.1 • eSobi™ • Google™ Setup • Google Toolbar™ • Norton™ Online Backup Security <ul style="list-style-type: none"> • McAfee® Internet Security Suite Trial • MyWinLocker® (for Aspire only, except China, Hong Kong) Multimedia <ul style="list-style-type: none"> • Acer Arcade™ Deluxe • NTI Media Maker™ Gaming <ul style="list-style-type: none"> • Oberon GameZone (except US, Canada, Hong Kong, Korea) • WildTangent® (US, Canada only) Communication and ISP <ul style="list-style-type: none"> • Acer Crystal Eye • Acer Video Conference Manager • Microsoft® Silverlight™ • Skype™ • Windows Live™ Essentials — Wave 3.2 (Mail, Photo Gallery, Live™ Messenger, Movie Maker, Writer) </p>
Options	<p>1 GB / 2 GB / 4 GB DDR3 1066 MHz soDIMM module 6-cell Li-ion battery pack 9-cell Li-ion battery pack 3-pin 65W AC adapter External USB floppy disk drive External USB Lite+LSI modem</p>
Warranty	<p>One-year International Travellers Warranty (ITW)</p>