

Acer recommends Windows 8.

acer
explore beyond limits™

Iconia | W4

W4-820 / W4-821

Work and play on a sharp display

Lifelike visuals

- Display features IPS¹ and Zero Air Gap technologies

Promising productivity

- Windows 8.1 plus
Microsoft® Office
Home and Student 2013

Advanced performance

- The latest Intel® Atom™
1.8 GHz processor



1. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.



Product views	1 Acer webcam 2 Power button 3 Dual speakers	4 Micro USB port 5 Audio jack 6 Windows key	7 Acer Crystal Eye HD webcam 8 Microphone 9 Volume up/down key	10 Reset pinhole 11 HDMI® Micro port 12 microSD™ card slot 13 SIM card slot (3G model only)	
Operating system¹	Windows 8.1				
Dimensions and weight²	218.9 (W) x 134.9 (D) x 9.75/10.75 (H) mm (8.62 x 5.31 x 0.38/0.42 inches)		Wi-Fi only model: 415 g (0.91 lbs.) with 2-cell battery pack 3G model: 425 g (0.94 lbs.) with 2-cell battery pack		
CPU and chipset¹	Intel® Atom™ processor Z3740 (1.33 GHz, up to 1.8 GHz with Intel® Burst Technology)				
Memory^{1,3,4,5}	Dual-channel LPDDR3 SDRAM support: <ul style="list-style-type: none">2 GB of onboard LPDDR3 memory				
Display	8.0" display with IPS technology ⁶ , HD 1280 x 800 resolution, high-brightness, LED-backlit TFT LCD with integrated multi-touch, supporting five-finger touch		Wide viewing angle Mercury free, environment friendly		
Graphics	Intel® HD Graphics with 3D graphics hardware acceleration, supporting Microsoft® DirectX® 11, OpenGL® 3.2, Open CL™ v1.2				
Storage^{1,7}	32 / 64 GB eMMC				
Audio	Two built-in stereo speakers	MS-Sound compatible	High-definition audio support	Built-in microphone	
Webcam	Front-facing Acer Crystal Eye HD webcam with: <ul style="list-style-type: none">1920 x 1080 resolution1080p Full HD audio/video recording		Rear-facing Acer webcam with: <ul style="list-style-type: none">2592 x 1944 resolution1080p Full HD audio/video recording		
Wireless and networking¹	WLAN: ^{8,9} <ul style="list-style-type: none">Acer InViLink™ Nplify™ 802.11a/b/g/n wireless LANSupporting Acer SignalUp™ wireless technology	WPAN: ¹ <ul style="list-style-type: none">Bluetooth® 4.0	WWAN: ¹ (3G model only) <ul style="list-style-type: none">WCDMA / HSDPA / HSUPA / HSPA+ (850 / 900 / 1700 / 1900 / 2100 MHz)GSM / GPRS / EDGE (850 / 900 / 1800 / 1900 MHz)	GPS: <ul style="list-style-type: none">GLONASS supportaGPS support	
Security	Trusted Platform Module (TPM) solution				
Power adapter and battery¹	Power adapter: 2-pin 10 W AC adapter		Battery: 18.6 Wh 4960 mAh 3.75 V 2-cell Li-ion battery pack Battery life: ¹⁰ Up to 8 hours video playback or up to 10 hours web browsing		
Sensors	Accelerometer (G sensor)	Ambient light sensor	E-compass	Intelligent gyroscope	Proximity sensor
Windows Store Apps¹¹	Content <ul style="list-style-type: none">7DigitalAmazon® KindleBaidu MusicCANALTOUCHeReadingNowHuluiQiYiLeTVLitResMagV	<ul style="list-style-type: none">Music Maker JamNetease Cloud ReadingNetflixnewsXpressoNext Issue MagazinesSohu VideoTunelnTxtrVcReadZinio	Entertainment / Games <ul style="list-style-type: none">DidlrDoodle GodMahjongShark DashTap TilesWildTangent® Productivity <ul style="list-style-type: none">Acer ScrapboardEvernote®Fresh Paint	<ul style="list-style-type: none">Skitch Social <ul style="list-style-type: none">StumbleUpon Travel <ul style="list-style-type: none">CtripYandex Maps Utilities <ul style="list-style-type: none">Acer ExplorerAccuWeatherBackpackersBooking.com	<ul style="list-style-type: none">ChaChaEZTableLove WallpaperRakuten RecipesYandex Money eCommerce <ul style="list-style-type: none">Amazon®eBay®EcLifeMeituanRakuten Gateway
Windows Desktop Apps¹¹	Content <ul style="list-style-type: none">Office 2013 trial¹²Spotify Entertainment / Games <ul style="list-style-type: none">Acer Games Multimedia <ul style="list-style-type: none">Acer DocsAcer MediaAcer Photo	<ul style="list-style-type: none">Acer Remote FilesAcer PortalCyberlink® PowerDVD™Nero BackItUp 12 Essentials Productivity <ul style="list-style-type: none">Acer Screen GraspAcer Touch Tools Search <ul style="list-style-type: none">Yahoo search	Security <ul style="list-style-type: none">Norton™ Online Backup Utilities <ul style="list-style-type: none">Acer Live UpdaterAcer Power ManagementAcer Recovery Managemtn3G Mobile ControlAgoda weblinkExpressCache	<ul style="list-style-type: none">Identity CardLaunch ManagerNuance Dragon AssistantSolutoStageLightYandex search settingsYandex.Disk Web links <ul style="list-style-type: none">Acer Accessory Store	<ul style="list-style-type: none">Amazon® 1ButtonLOVEFiLM® web linkMercadoLibre shortcutPrivate WiFi®Yandex shortcut eCommerce <ul style="list-style-type: none">eBay® shortcutGomaji
System compliance	Wi-Fi®				
Options and accessories	Micro USB 2.0 to USB 2.0 cable				
Warranty	One-year International Travelers Warranty (ITW)				

- Specifications vary depending on model.
- Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
- 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 any memory used by the graphics solution and resources required by the operating environment.
- Memory speed may vary, depending on the CPU, chipset or memory fitted.
- A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
- All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
- 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.

- Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
- Subject to availability.
- The listed battery life is obtained by simulating watching video clips stored on the mobile device. The test clip loops and continues to run, without interruption or any other inputs, until the battery is drained. Stated battery life is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, video clip format, and features used. A battery's maximum capacity decreases with time and use.
- Bundled software may vary depending on hardware configuration, OS and regional availability.
- Some models/configurations have a Microsoft Product Identification (MPI) card in the box, which contains a product key to activate the full version of Microsoft Office 2013 Home and Student Edition. If your device does not include an MPI card, you will need to purchase a product key separately.

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. 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.
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Established in 1976, Acer is an information and communication technology company dedicated to the research, design, marketing, sale and support of innovative products that enhance people's lives. Acer's green supply chain delivers environmentally friendly PCs, displays, projectors, servers, tablets and smartphones — tools our customers need to explore beyond limits and experience more. Ranked No. 3 for notebooks globally (IDC 2012), Acer employs 8,000 people, and 2012 revenues reached US\$14.7 billion. Please visit www.acer.com for more information.

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